Filename 1225 5-15A
Download Date
A/C Num

COUNTER	ALT	CAS	Vert Accel	Pitch	Roll	Heading	Cabin Pres	Cab Diff Ov	L HP	R HP	L Bld Air	R Bld Air	Amber Cau	Red Warn
136600	288	0	0.967	-1.3	1.1	315	0	0	49.1	50.7	13.1	12.5	0	0
136601	288	0	0.983	-1.3	1.1	315	0	0	49.1	50.7	13.1	12.5	0	0
136602	288	0	0.992	-1.3	1.1	315	0	0	49.1	50.7	13.1	12.5	0	0
136603	292	0	0.974	-1.3	1.1	315	0	0	49.1	50.7	13.1	12.5	0	0
136604	288	0	0.967	-1.3	1.1	315	0	0	49.1	50.7	13.1	12.5	0	0
136605	292	0	0.967	-1.3	1.1	315	0	0	50	51.9	13.1	12.6	0	0
136606	288	0	0.974	-1.3	1.1	315	0	0	50	51.9	16	12.6	0	0
136607	288	0	0.967	-1.3	1.1	315	0	0	56.6	59	16	17.8	0	0
136608	292	0	0.986	-1.3	1.1	315	0	0	56.6	59	20.3	17.8	0	0
136609	292	0	0.944	-1.3	1.1	315	0	0	65.8	67.8	20.3	20	0	0
136610	292	0	0.986	-1.3	1.1	315	0	0	65.8	67.8	20	20	0	0
136611	292	0	0.94	-1.3	1.1	315.3	0	0	73.8	72.1	20	19.1	0	0
136612	292	0	0.997	-1.3	1.1	315.7	0	0	73.8	72.1	17.1	19.1	0	0
136613	292	0	0.96	-1.3	0.7	316.8	0	0	66.6	65.7	17.1	17.3	0	0
136614	292	0	1.022	-1.4	1.1	318.5	0	0	66.6	65.7	16.9	17.3	0	0
136615	292	0	0.96	-1.4	0.7	321.3	0	0	61.2	60.4	16.9	17.3	0	0
136616	292	0	0.999	-1.4	0.7	324.5	0	0	61.2	60.4	16.6	17.3	0	0
136617	292	0	0.974	-1.6	1.1	328.4	0	0	56.6	56.1	16.6	15.9	0	0
136618	292	0	0.921	-1.6	0.7	332.2	0	0	56.6	56.1	16	15.9	0	0
136619	292	0	0.921	-1.6	0.4	336.1	0	0	53.1	52.6	16	13.7	0	0
136620	292	0	1.008	-1.8	0.7	340.3	0	0	53.1	52.6	14.4	13.7	0	0
136621	292	0	0.958	-1.8	0.7	344.5	0	0	50.7	51	14.4	12.6	0	0
136622	288	0	0.953	-1.8	0.7	348.7	0	0	50.7	51	13.8	12.6	0	0
136623	292	0	0.979	-1.8	0.4	352.6	0	0	49.9	50.5	13.8	12.5	0	0
136624	296	0	0.933	-2	0.7	355.8	0	0	49.9	50.5	14.8	12.5	0	0
136625	296	0	0.97	-2	0.7	358.9	0	0	54.8	50.3	14.8	12.5	0	0
136626	292	0	0.995	-2.1	0.4	2.1	0	0	54.8	50.3	19.8	12.5	0	0
136627	288	0	0.99	-2.1	0.4	6.3	0	0	63.3	50.2	19.8	12.5	0	0
136628	296	0	0.986	-2.3	0	13.7	0	0	63.3	50.2	20	12.5	0	0
136629	288	0	0.97	-2.3	-0.3	23.6	0	0	71.3	50.2	20	12.5	0	0
136630	288	0	0.99	-2.5	-0.7	34.5	0	0	71.3	50.2	18.4	12.5	0	0
136631	288	0	0.97	-2.5	-0.7	45.4	0	0	75.8	53.4	18.4	14.2	0	0
136632	288	0	0.981	-2.5	-1	55.5	0	0	75.8	53.4	17.2	14.2	0	0
136633	284	4	0.944	-2.5	-1.4	64.3	0	0	78.8	60.9	17.2	19.3	0	0
136634	284	27.5	0.963	-2.3	-1.4	72.1	0	0	78.8	60.9	34.4	19.3	0	0
136635	284	30	0.926	-2.3	-1	77.7	0	0	83.8	70.6	34.4	20	0	0
136636	284	36	1.054	-2.3	-1	80.9	0	0	83.8	70.6	50.4	20	0	0
136637	288	36.5	0.933	-2.3	-1.4	83.7	0	0	84.7	82.3	50.4	22.2	0	0
136638	288	41	1.018	-2.3	-1	84.7	0	0	84.7	82.3	45.5	22.2	0	0
136639	288	43.5	0.963	-2.3	-1	84.7	0	0	85.7	84.9	45.5	50.5	0	0
136640	284	46.5	0.958	-2.3	-1	84.7	0	0	85.7	84.9	42.5	50.5	0	0
136641	284	50.5	0.921	-2.3	-1	85.4	0	0	90.1	90.3	42.5	45.5	0	0
136642	280	59	1.04	-2.3	-1	85.4	0	0	90.1	90.3	42.2	45.5	0	0
136643	280	65.5	1.036	-2.3	-1	84.7	0	0	91.6	91.6	42.2	42.7	0	0
136644	280	69.5	0.974	-2.3	-0.7	84	0	0	91.6	91.6	42.1	42.7	0	0
136645	280	74.5	1.057	-2.5	-1	84	0	0	91.6	91.6	42.1	42.7	0	0
136646	276	84.5	0.883	-2.5	-1	83.7	0	0	91.6	91.6	42	42.7	0	0
136647	284	88	1.027	-2.5	-1	83.7	0	0	91.6	91.4	42	42.6	0	0
136648	268	92.5	0.96	-2.5	-1	84.4	0	0	91.6	91.4	42	42.6	0	0
136649	268	96	0.928	-2.3	-1	84.4	0	0	91.6	91.4	42	42.6	0	0
136650	272	103	0.995	-2.3	-0.7	83.7	0	0	91.6	91.4	42	42.6	0	0
136651	264	107.5	0.999	-2.3	-0.7	83.7	0	0	91.6	91.4	42	42.6	0	0
136652	260	113.5	1.02	-2.3	-0.7	83.7	0	0	91.6	91.4	41.9	42.6	0	0
136653	260	117	0.942	-2	-1	84	0	0	91.4	91.4	41.9	42.6	0	0
136654	256	123.5	0.901	-2.1	-1	84.4	0	0	91.4	91.4	41.9	42.6	0	0
136655	252	126.5	0.933	-2	-1	84	0	0	91.4	91.3	41.9	42.6	0	0
136656	252	129	0.734	-1.4	-0.7	84	0	0	91.4	91.3	41.9	42.6	0	0
136657	256	140.5	0.983	-0.2	-0.7	83.7	0	0	91.6	91.4	41.9	42.5	0	0
136658	252	142.5	0.979	3.1	-0.7	83.3	0	0	91.6	91.4	42	42.5	0	0
136659	268	147.5	1.105	5.5	0.7	83.3	0	0	91.6	91.7	42	42.5	0	0
136660	284	153	1.18	7.5	0.4	83.3	0	0	91.6	91.7	42	42.5	0	0
136661	308	155	1.185	9.2	-1.7	83.3	0	0	91.6	91.7	42	42.5	0	0
136662	312	161	1.201	9.9	1.1	83.7	0	0	91.6	91.7	42	42.5	0	0
136663	344	158.5	1.027	10.5	0.4	83.7	0	0	91.6	91.6	42	42.4	0	0
136664	368	158.5	1.047	11.3	-3.1	83.7	0	0	91.6	91.6	42	42.4	0	0
136665	388	162.5	0.981	11.3	-1	83.3	0	0	91.6	91.6	42	42.4	0	0

136666	444	165.5	0.873	10.8	0.4	83.3	0	0	91.6	91.6	42	42.4	0	0
136667	476	169.5	1.047	12	0.7	83.3	0	0	91.6	91.6	42	42.4	0	0
136668	512	171	1.054	12.9	3.5	83.7	0	0	91.6	91.6	42	42.4	0	0
136669	536	175	1.013	12.2	2.5	84	0	0	91.7	91.6	42	42.4	0	0
136670	572	173	0.876	11.5	2.8	84.4	0	0	91.7	91.6	42	42.4	0	0
136671	608	176	0.834	10.6	2.1	84.7	0	0	91.6	91.6	42	42.4	0	0
136672	640	179	0.871	9.9	0	84.7	0	0	91.6	91.6	42	42.4	0	0
136673	680	181.5	0.937	9.9	-1	84.7	0	0	91.7	91.6	42	42.4	0	0
136674	704	186.5	0.999	10.3	0	84.7	0	0	91.7	91.6	42.1	42.4	0	0
136675	744	187	0.912	10.3	0.7	84.7	0	0	91.7	91.7	42.1	42.4	0	0
136676	772	190.5	0.999	10.8	0.4	84.7	0	0	91.7	91.7	42.1	42.4	0	0
136677	804	191.5	1.011	11	-0.7	84.7	0	0	91.3	91.6	42.1	42.4	0	0
136678	848	195	0.974	11.2	-1.7	84.7	0	0	91.3	91.6	42	42.4	0	0
136679	896	196	1.02	11.5	-3.8	84.4	0	0	91.3	91.4	42	42.4	0	0
136680	936	200	1.118	12.7	-9.4	83.3	0	0	91.3	91.4	41.9	42.4	0	0
136681	972	200.5	1.015	12.7	-13.7	82.3	0	0	90.8	90.9	41.9	42.2	0	0
136682	1028	202	0.99	12.7	-16.1	80.9	0	0	90.8	90.9	41.9	42.2	0	0
136683	1068	203	1.006	12.6	-17.2	79.5	0	0	90.3	90.5	41.9	42.2	0	0
136684	1124	201.5	0.94	12.2	-18.6	78	0	0	90.3	90.5	41.8	42.2	0	0
136685	1164	202	0.965	12.2	-19.6	76.3	0	0	90.1	90.1	41.8	42.2	0	0
136686	1204	201.5	0.903	11.7	-20.7	74.5	0	0	90.1	90.1	41.8	42.2	0	0
136687	1256	199.5	0.857	11.2	-22.1	72.8	0	0	90	89.8	41.8	42.2	0	0
136688	1300	198.5	0.965	11.3	-22.1	70.7	0	0	90	89.8	41.8	42.2	0	0
136689	1336	199	1.02	11.3	-22.5	68.2	0	0	89.8	89.7	41.8	42.2	0	0
136690	1376	199	0.949	11.3	-22.5	66.8	0	0	89.8	89.7	41.8	42.2	0	0
136691	1408	200	1.015	11.5	-22.8	64.3	0	0	89.8	89.5	41.8	42.2	0	0
136692	1456	199.5	1.02	11.3	-22.5	61.9	0	0	89.8	89.5	41.9	42.2	0	0
136693	1496	198	1.006	11.2	-20.7	59.8	0	0	89.7	89.3	41.9	42.4	0	0
136694	1524	198	0.944	10.6	-20.3	58	0	0	89.7	89.3	41.9	42.4	0	0
136695	1556	198.5	0.928	10.5	-20.7	56.2	0	0	89.5	89.3	41.9	42.5	0	0
136696	1596	197.5	0.96	10.5	-21	54.5	0	0	89.5	89.3	41.9	42.5	0	0
136697	1624	198	0.96	10.3	-21.4	52.7	0	0	89.5	89.3	41.9	42.5	0	0
136698	1652	197	0.944	9.1	-21.4	50.6	0	0	89.5	89.3	41.9	42.5	0	0
136699	1672	201	0.873	8.2	-20.7	49.2	0	0	90.1	89.3	41.9	42.5	0	0
136700	1692	200	0.974	7.8	-21.4	47.5	0	0	90.1	89.3	42	42.5	0	0
136701	1716	200	0.949	7.6	-22.5	45	0	0	90.3	89.5	42	42.5	0	0
136702	1728	201	0.986	7.5	-24.2	42.9	0	0	90.3	89.5	42	42.5	0	0
136703	1740	205	0.983	7.1	-24.6	41.5	0	0	90.8	90.1	42	42.7	0	0
136704	1760	207	0.999	6.8	-24.6	39.7	0	0	90.8	90.1	42.2	42.7	0	0
136705	1764	209.5	1.162	6.6	-21.4	37.3	0	0	91.4	90.6	42.2	42.7	0	0
136706	1792	211	0.871	6.1	-21	36.2	0	0	91.4	90.6	42.1	42.7	0	0
136707	1796	216.5	1.045	5.9	-20	34.1	0	0	90.9	90.8	42.1	42.6	0	0
136708	1820	218	0.896	5.7	-19.6	32.7	0	0	90.9	90.8	42	42.6	0	0
136709	1824	221.5	1.157	6.1	-20	30.6	0	0	91.1	91.1	42	42.5	0	0
136710	1844	222.5	0.972	5.9	-20.7	29.2	0	0	91.1	91.1	42	42.5	0	0
136711	1860	220	1.203	6.2	-21.4	26.7	0	0	91.1	91.1	42	42.5	0	0
136712	1884	228.5	1.022	6.2	-23.2	25	0	0	91.1	91.1	42	42.5	0	0
136713	1900	229.5	1.169	6.8	-24.6	22.1	0	0	91.3	91.3	42	42.5	0	0
136714	1932	230	1.185	6.9	-23.9	20	0	0	91.3	91.3	42	42.5	0	0
136715	1944	231	1.347	7.5	-22.1	17.6	0	0	91.6	91.4	42	42.5	0	0
136716	1992	235.5	1.24	7.8	-21.4	15.8	0	0	91.6	91.4	42.1	42.5	0	0
136717	2004	230.5	1.372	8.5	-21.8	14.1	0	0	91.4	91.4	42.1	42.4	0	0
136718	2040	233	1.219	8.9	-21	12.7	0	0	91.4	91.4	42.1	42.4	0	0
136719	2072	237	0.986	8.9	-20.7	11.2	0	0	91.6	91.4	42.1	42.4	0	0
136720	2112	236	0.997	8.5	-20.3	9.5	0	0	91.6	91.4	42.1	42.4	0	0
136721	2156	238	1.036	8.5	-20.7	7.7	0	0	91.6	91.4	42.1	42.4	0	0
136722	2192	239.5	0.981	8.5	-21.4	6.3	0	0	91.6	91.4	42.1	42.4	0	0
136723	2236	242.5	0.997	8.7	-20.3	4.6	0	0	91.7	91.4	42.1	42.2	0	0
136724	2288	241	1.036	9.2	-19.6	2.5	0	0	91.7	91.4	42.1	42.2	0	0
136725	2328	242	1.114	9.4	-19.3	0.4	0	0	91.6	91.4	42.1	42.1	0	0
136726	2380	243	1.052	9.6	-19.6	358.6	0	0	91.6	91.4	42.1	42.1	0	0
136727	2420	243	1.102	9.9	-20	356.8	0	0	91.7	91.4	42.1	42.1	0	0
136728	2472	243	1.114	10.3	-20.3	355.4	0	0	91.7	91.4	42.1	42.1	0	0
136729	2528	244	1.075	10.6	-20	353.7	0	0	91.7	91.4	42.1	42.1	0	0
136730	2580	244	1.105	10.8	-20	351.9	0	0	91.7	91.4	42.1	42.1	0	0
136731	2628	245	1.075	10.8	-20	350.2	0	0	91.7	91.4	42.1	42.1	0	0
136732	2696	245.5	0.992	11	-20	348.7	0	0	91.7	91.4	42.1	42.1	0	0
136733	2748	246	1.054	11.2	-19.3	347	0	0	91.7	91.6	42.1	42.1	0	0
136734	2812	245.5	0.963	11.2	-20.7	345.6	0	0	91.7	91.6	42.1	42.1	0	0
136735	2872	244.5	0.974	11	-22.8	344.2	0	0	91.7	91.6	42.1	42.1	0	0
136736	2924	243	1.004	10.8	-24.2	342.8	0	0	91.7	91.6	42.1	42.1	0	0

136737	2988	242.5	0.988	10.6	-25.3	341.4	0	0	91.7	91.6	42.1	42.1	0	0
136738	3044	241.5	1.002	10.5	-26.3	340	0	0	91.7	91.6	42.1	42.1	0	0
136739	3096	242.5	1.006	10.3	-26.3	338.2	0	0	91.7	91.6	42.1	42.1	0	0
136740	3148	243.5	1.015	9.9	-26.7	336.4	0	0	91.7	91.6	42.1	42.1	0	0
136741	3196	244	1.006	9.6	-26.7	334.7	0	0	91.7	91.6	42.1	42.1	0	0
136742	3248	244	0.976	9.4	-26	332.9	0	0	91.7	91.6	42	42.1	0	0
136743	3292	244	1.015	9.2	-25.3	330.8	0	0	91.7	91.6	42	42.1	0	0
136744	3332	244.5	1.006	9.1	-25.3	329.1	0	0	91.7	91.6	42	42.1	0	0
136745	3384	245	0.97	8.7	-24.9	327.7	0	0	91.7	91.6	42	42.1	0	0
136746	3420	245.5	0.94	8.2	-24.2	326.2	0	0	91.7	91.6	42	42.1	0	0
136747	3464	246.5	0.949	8	-23.9	324.5	0	0	91.7	91.6	42	42.1	0	0
136748	3496	246.5	0.965	7.6	-23.5	322.7	0	0	91.7	91.6	42	42.1	0	0
136749	3536	247	0.965	7.3	-23.2	321.3	0	0	91.7	91.6	42	42.1	0	0
136750	3576	248	0.974	7.1	-22.5	319.6	0	0	91.7	91.6	42	42.1	0	0
136751	3604	250	1.102	7.5	-22.1	317.8	0	0	91.7	91.6	42	42.1	0	0
136752	3644	250.5	1.098	7.6	-22.1	316.4	0	0	91.7	91.6	42	42.1	0	0
136753	3680	251.5	1.086	8	-21.8	314.6	0	0	91.7	91.6	42	42.1	0	0
136754	3720	252	1.114	8.2	-21.8	313.2	0	0	91.7	91.6	42	42.1	0	0
136755	3764	252.5	1.091	8.4	-21.4	311.5	0	0	91.7	91.6	42	42.1	0	0
136756	3804	252.5	1.095	8.7	-21	310.1	0	0	91.7	91.6	42	42.1	0	0
136757	3848	253	1.1	8.9	-20.7	308.3	0	0	91.7	91.7	42	42.1	0	0
136758	3896	253.5	1.038	9.1	-20.7	306.9	0	0	91.7	91.7	42	42.1	0	0
136759	3944	254	1.091	9.1	-20.7	305.5	0	0	91.9	91.6	42	42.1	0	0
136760	3996	255.5	1.038	9.1	-21	303.7	0	0	91.9	91.6	42	42.1	0	0
136761	4044	256.5	1.079	9.2	-20.7	302.3	0	0	91.7	91.6	42	42.1	0	0
136762	4100	257.5	1.091	9.6	-21	300.6	0	0	91.7	91.6	42	42.1	0	0
136763	4144	258	1.146	9.9	-21	299.2	0	0	91.7	91.7	42	42.6	0	0
136764	4208	258.5	1.141	10.3	-21.4	297.4	0	0	91.7	91.7	42	42.6	0	0
136765	4268	259	1.157	10.6	-21.4	296	0	0	91.7	91.6	42	42.6	0	0
136766	4332	259	1.13	10.8	-21.8	294.3	0	0	91.7	91.6	42	42.6	0	0
136767	4400	259	1.095	11	-21.8	292.8	0	0	91.7	91.7	42	42.6	0	0
136768	4464	259.5	1.075	11.3	-22.1	291.1	0	0	91.7	91.7	42	42.6	0	0
136769	4532	259	1.084	11.3	-22.1	289.7	0	0	91.7	91.6	42	42.5	0	0
136770	4600	258.5	1.059	11.5	-22.1	287.9	0	0	91.7	91.6	42	42.5	0	0
136771	4676	258	1.029	11.5	-22.1	286.5	0	0	91.9	91.6	42	42.4	0	0
136772	4744	257.5	1.073	11.7	-22.1	284.8	0	0	91.9	91.6	42	42.4	0	0
136773	4816	257	1.027	11.7	-20.7	283.4	0	0	91.9	91.7	42	42.4	0	0
136774	4884	257	1.036	11.9	-18.9	282	0	0	91.9	91.7	42	42.4	0	0
136775	4964	256.5	1.027	12	-17.5	280.9	0	0	91.9	91.6	42	42.4	0	0
136776	5036	257	1.022	12.2	-16.5	279.8	0	0	91.9	91.6	41.9	42.4	0	0
136777	5108	257.5	1.057	12.4	-15.8	278.4	0	0	91.9	91.6	41.9	42.4	0	0
136778	5180	258	1.031	12.4	-15.8	277.4	0	0	91.9	91.6	41.9	42.4	0	0
136779	5260	258	1.011	12.6	-14.7	276.3	0	0	91.9	91.6	41.9	42.4	0	0
136780	5348	256	1.027	12.6	-14.4	274.9	0	0	91.9	91.6	41.9	42.4	0	0
136781	5412	254	1.084	12.7	-14.4	273.9	0	0	92.1	91.6	41.9	42.4	0	0
136782	5500	253.5	0.937	12.7	-14.4	272.8	0	0	92.1	91.6	41.9	42.4	0	0
136783	5572	255.5	1.059	12.9	-11.9	271.8	0	0	91.9	91.6	41.9	42.4	0	0
136784	5656	253.5	0.937	12.7	-9.8	270.7	0	0	91.9	91.6	41.9	42.4	0	0
136785	5728	253.5	0.988	12.9	-9.1	270	0	0	91.9	91.6	41.9	42.4	0	0
136786	5808	252	1.004	12.9	-9.4	269.3	0	0	91.9	91.6	41.9	42.4	0	0
136787	5896	251.5	0.958	12.9	-8.7	268.2	0	0	92.1	91.6	41.9	42.4	0	0
136788	5972	251	1.004	13.1	-7	267.2	0	0	92.1	91.6	41.9	42.4	0	0
136789	6048	249.5	0.983	13.1	-5.2	266.8	0	0	91.9	91.7	41.9	42.4	0	0
136790	6132	248.5	0.947	13.1	-4.9	266.5	0	0	91.9	91.7	41.9	42.4	0	0
136791	6204	247	0.871	12.9	-4.2	265.8	0	0	91.9	91.6	41.9	42.4	0	0
136792	6272	246.5	0.917	12.9	-3.1	265.4	0	0	91.9	91.6	41.9	42.4	0	0
136793	6352	244	0.901	12.9	-2.8	265.4	0	0	91.9	91.6	41.9	42.4	0	0
136794	6424	244	0.921	12.7	-2.1	265.1	0	0	91.9	91.6	41.9	42.4	0	0
136795	6496	242.5	0.864	12	-1.4	265.1	0	0	92.1	91.7	41.9	42.4	0	0
136796	6564	241.5	0.805	11.5	-1.4	265.1	0	0	92.1	91.7	41.9	42.4	0	0
136797	6624	240.5	0.798	11	-0.7	265.1	0	0	92.1	91.6	41.9	42.4	0	0
136798	6688	240	0.814	10.5	-0.3	265.1	0	0	92.1	91.6	41.9	42.4	0	0
136799	6740	240	0.814	10.1	-0.3	265.1	0	0	91.9	91.6	41.9	42.4	0	0
136800	6796	240	0.85	9.8	0	265.1	0	0	91.9	91.6	41.9	42.4	0	0
136801	6848	240.5	0.917	9.8	0.4	265.1	0	0	91.9	91.6	41.9	42.4	0	0
136802	6904	240.5	0.887	9.6	1.1	265.1	0	0	91.9	91.6	41.9	42.4	0	0
136803	6948	240.5	0.942	9.4	1.4	265.4	0	0	92.1	91.6	41.9	42.4	0	0
136804	7004	240.5	0.958	9.4	1.8	265.4	0	0	92.1	91.6	41.9	42.4	0	0
136805	7048	241	1.004	9.4	2.8	265.4	0	0	91.9	91.6	41.9	42.4	0	0
136806	7096	241.5	1.004	9.6	4.9	265.8	0	0	91.9	91.6	41.9	42.4	0	0
136807	7156	240.5	0.949	9.8	7	266.5	0	0	91.7	91.6	41.9	42.4	0	0

136808	7200	241.5	1.015	9.9	9.1	266.8	0	0	91.7	91.6	41.9	42.4	0	0
136809	7248	241	0.995	9.9	9.5	267.5	0	0	91.7	91.6	41.9	42.2	0	0
136810	7300	241.5	0.96	9.9	9.5	268.2	0	0	91.7	91.6	41.9	42.2	0	0
136811	7348	241	0.944	9.8	9.8	268.9	0	0	91.9	91.6	41.9	42.2	0	0
136812	7404	241	0.903	9.4	11.3	269.6	0	0	91.9	91.6	41.9	42.2	0	0
136813	7452	241	0.915	9.2	13	270.3	0	0	91.9	91.6	41.9	42.2	0	0
136814	7496	241	0.924	9.1	14.4	271.4	0	0	91.9	91.6	41.9	42.2	0	0
136815	7544	241	0.94	8.9	15.8	272.1	0	0	91.9	91.6	41.9	42.4	0	0
136816	7584	241.5	0.951	8.7	16.5	273.2	0	0	91.9	91.6	41.9	42.4	0	0
136817	7628	242.5	0.951	8.4	16.9	274.6	0	0	91.9	91.4	41.9	42.4	0	0
136818	7680	243	0.956	8.4	17.2	275.6	0	0	91.9	91.4	41.9	42.4	0	0
136819	7704	243.5	0.956	8	17.6	276.7	0	0	91.9	91.6	41.9	42.4	0	0
136820	7748	244	0.935	7.6	18.3	277.7	0	0	91.9	91.6	41.9	42.4	0	0
136821	7788	245	0.965	7.6	19	279.1	0	0	91.9	91.6	41.9	42.4	0	0
136822	7816	246.5	1.002	7.6	19.3	280.2	0	0	91.9	91.6	41.9	42.4	0	0
136823	7860	247	0.976	7.6	19.3	281.6	0	0	91.9	91.4	41.9	42.4	0	0
136824	7900	247.5	1.031	7.8	19	283	0	0	91.9	91.4	41.9	42.4	0	0
136825	7936	248.5	1.082	8	19.3	284.8	0	0	91.9	91.4	41.9	42.4	0	0
136826	7972	248	1.127	8.2	20.4	286.2	0	0	91.9	91.4	41.9	42.4	0	0
136827	8016	249.5	1.02	8	21.1	287.2	0	0	91.9	91.6	41.9	42.4	0	0
136828	8056	251.5	1.047	8	21.8	288.6	0	0	91.9	91.6	41.9	42.4	0	0
136829	8092	251.5	1.086	8	22.5	290	0	0	91.9	91.6	41.9	42.4	0	0
136830	8132	252.5	1.047	8	22.9	291.8	0	0	91.9	91.6	41.9	42.4	0	0
136831	8176	253	1.04	8	23.2	293.2	0	0	91.9	91.6	41.9	42.4	0	0
136832	8228	253.5	1.114	8.4	23.9	295	0	0	91.9	91.6	41.9	42.4	0	0
136833	8268	254	1.196	9.1	23.2	296.7	0	0	92.1	91.6	41.9	42.2	0	0
136834	8312	254	1.091	9.1	22.5	298.5	0	0	92.1	91.6	41.9	42.2	0	0
136835	8368	253.5	1.079	9.1	21.8	299.9	0	0	91.9	91.6	41.9	42.2	0	0
136836	8420	254.5	1.079	9.4	21.8	301.3	0	0	91.9	91.6	41.9	42.2	0	0
136837	8472	254	1.075	9.6	21.4	302.7	0	0	91.9	91.6	41.9	42.2	0	0
136838	8520	254	1.079	9.8	21.1	304.1	0	0	91.9	91.6	41.9	42.2	0	0
136839	8584	254	1.095	10.1	20.7	305.5	0	0	91.9	91.6	41.9	42.2	0	0
136840	8640	254	1.084	10.3	20	307.3	0	0	91.9	91.6	41.9	42.2	0	0
136841	8704	253.5	1.079	10.5	19.3	308.3	0	0	91.9	91.6	41.9	42.2	0	0
136842	8768	252.5	1.063	10.6	19	309.7	0	0	91.9	91.6	41.9	42.2	0	0
136843	8836	252	1.008	10.6	18.6	311.1	0	0	91.9	91.6	41.9	42.2	0	0
136844	8896	252	1.029	10.6	18.6	312.5	0	0	91.9	91.6	41.9	42.2	0	0
136845	8960	251.5	1.004	10.8	18.3	313.6	0	0	91.7	91.6	41.9	42.2	0	0
136846	9028	251	0.992	10.8	17.9	314.6	0	0	91.7	91.6	41.9	42.2	0	0
136847	9088	250.5	1.024	10.6	17.9	316.1	0	0	91.9	91.6	41.9	42.2	0	0
136848	9152	250	0.921	10.5	17.9	317.1	0	0	91.9	91.6	41.9	42.2	0	0
136849	9220	249	0.951	10.3	17.9	318.2	0	0	91.7	91.4	41.9	42.2	0	0
136850	9284	249	0.953	10.3	16.2	319.2	0	0	91.7	91.4	41.9	42.2	0	0
136851	9348	249	0.974	10.3	12.7	320.3	0	0	91.7	91.4	41.9	42.2	0	0
136852	9400	249	0.974	10.3	9.1	320.6	0	0	91.7	91.4	41.9	42.2	0	0
136853	9468	248	0.958	10.5	5.6	321	0	0	91.7	91.4	41.9	42.2	0	0
136854	9528	248	0.992	10.5	3.2	321	0	0	91.7	91.4	41.9	42.2	0	0
136855	9588	247.5	0.953	10.5	1.4	321	0	0	91.7	91.4	41.9	42.2	0	0
136856	9656	247	0.983	10.5	0.7	321.3	0	0	91.7	91.4	41.9	42.2	0	0
136857	9716	246	0.953	10.6	0.4	321.3	0	0	91.7	91.4	41.9	42.2	0	0
136858	9780	246	0.928	10.5	0	321.3	0	0	91.7	91.4	41.9	42.2	0	0
136859	9840	245.5	0.974	10.6	0	321.3	0	0	91.7	91.4	41.9	42.4	0	0
136860	9908	244.5	0.988	10.6	0	321.3	0	0	91.7	91.4	41.9	42.4	0	0
136861	9968	244.5	0.967	10.6	0.4	321.3	0	0	91.7	91.4	41.9	42.4	0	0
136862	10036	244.5	0.942	10.6	0	321.3	0	0	91.7	91.4	41.9	42.4	0	0
136863	10092	244.5	0.958	10.5	-0.7	321	0	0	91.6	91.3	41.9	42.4	0	0
136864	10144	243.5	0.921	10.3	-1.4	321	0	0	91.6	91.3	41.9	42.4	0	0
136865	10200	243	0.867	9.9	-2.1	320.6	0	0	91.7	91.4	41.9	42.2	0	0
136866	10256	243	0.85	9.4	-2.4	320.6	0	0	91.7	91.4	41.9	42.2	0	0
136867	10312	242.5	0.809	8.9	-1.7	320.3	0	0	91.7	91.4	41.9	42.2	0	0
136868	10356	243	0.857	8.4	-1.4	320.3	0	0	91.7	91.4	41.9	42.2	0	0
136869	10400	244	0.869	8	-2.1	319.9	0	0	91.7	91.4	41.9	42.4	0	0
136870	10440	244.5	0.832	7.5	-2.4	319.9	0	0	91.7	91.4	41.9	42.4	0	0
136871	10476	245	0.869	6.9	-2.4	319.9	0	0	91.7	91.4	41.9	42.5	0	0
136872	10508	246	0.848	6.4	-2.4	319.6	0	0	91.7	91.4	41.9	42.5	0	0
136873	10536	247	0.889	6.1	-2.4	319.2	0	0	91.7	91.3	41.9	42.5	0	0
136874	10564	248	0.869	5.5	-2.4	319.2	0	0	91.7	91.3	41.9	42.5	0	0
136875	10592	249	0.869	5.2	-2.8	318.9	0	0	91.7	91.3	41.9	42.5	0	0
136876	10616	250	0.878	4.8	-3.1	318.9	0	0	91.7	91.3	41.9	42.5	0	0
136877	10628	250.5	0.894	4.7	-3.1	318.5	0	0	91.7	91.4	41.9	42.5	0	0
136878	10640	251.5	0.878	4.3	-3.1	318.5	0	0	91.7	91.4	41.9	42.5	0	0

136879	10656	252.5	0.928	4.3	-2.8	318.5	0	0	91.7	91.3	41.9	42.5	0	0
136880	10672	254	0.928	4.3	-2.4	318.2	0	0	91.7	91.3	41.9	42.5	0	0
136881	10692	255.5	0.944	4.3	-2.4	318.2	0	0	91.6	91.3	41.9	42.5	0	0
136882	10700	257	1.006	4.3	-2.4	317.8	0	0	91.6	91.3	41.9	42.5	0	0
136883	10712	258.5	1.006	4.3	-2.8	317.5	0	0	91.6	91.3	41.9	42.5	0	0
136884	10728	260	1.002	4.3	-3.1	317.5	0	0	91.6	91.3	41.9	42.5	0	0
136885	10740	262	0.988	4.1	-3.1	317.1	0	0	91.7	91.4	41.9	42.6	0	0
136886	10752	263.5	0.958	4	-3.1	317.1	0	0	91.7	91.4	41.8	42.6	0	0
136887	10768	265	0.912	3.8	-2.4	316.8	0	0	91.7	91.3	41.8	42.6	0	0
136888	10780	267.5	0.972	3.8	-2.4	316.8	0	0	91.7	91.3	41.8	42.6	0	0
136889	10792	268.5	0.937	3.6	-2.8	316.4	0	0	91.7	91.4	41.8	42.6	0	0
136890	10808	270	0.942	3.6	-2.8	316.4	0	0	91.7	91.4	41.8	42.6	0	0
136891	10816	271	0.951	3.4	-2.8	316.4	0	0	91.7	91.4	41.8	42.6	0	0
136892	10828	272	0.972	3.4	-2.8	316.1	0	0	91.7	91.4	41.8	42.6	0	0
136893	10844	273	0.992	3.6	-3.1	315.7	0	0	91.7	91.4	41.8	42.6	0	0
136894	10856	274.5	0.995	3.4	-3.1	315.7	0	0	91.7	91.4	41.8	42.6	0	0
136895	10872	275.5	0.915	3.6	-2.8	315.3	0	0	91.7	91.4	41.8	42.6	0	0
136896	10884	276	0.976	3.6	-3.1	315	0	0	91.7	91.4	41.6	42.6	0	0
136897	10896	277.5	1.011	3.6	-2.8	315	0	0	91.9	91.4	41.6	42.6	0	0
136898	10908	278	1.022	3.6	-2.8	315	0	0	91.9	91.4	41.6	42.6	0	0
136899	10924	278.5	0.981	3.6	-2.8	315	0	0	91.9	91.4	41.6	42.6	0	0
136900	10936	280	0.995	3.6	-2.4	315	0	0	91.9	91.4	41.6	42.6	0	0
136901	10952	281	0.995	3.8	-2.8	314.6	0	0	91.7	91.3	41.6	42.6	0	0
136902	10972	282	1.011	3.8	-2.1	314.6	0	0	91.7	91.3	41.6	42.6	0	0
136903	10988	282.5	0.99	3.8	-0.7	314.3	0	0	91.7	91.3	41.6	42.6	0	0
136904	11008	284	0.976	3.8	-0.3	314.6	0	0	91.7	91.3	41.8	42.6	0	0
136905	11020	285	1.006	4	0.7	314.6	0	0	91.7	91.4	41.8	42.6	0	0
136906	11044	285.5	1.027	4.1	0.7	314.6	0	0	91.7	91.4	41.9	42.6	0	0
136907	11068	286.5	1.027	4.1	1.1	314.6	0	0	91.7	91.4	41.9	42.6	0	0
136908	11084	287.5	1.015	4.3	1.1	314.6	0	0	91.7	91.4	41.9	42.6	0	0
136909	11108	288	0.981	4.5	1.4	314.6	0	0	91.7	91.3	41.9	42.6	0	0
136910	11124	289	1.015	4.5	1.1	314.6	0	0	91.7	91.3	41.9	42.6	0	0
136911	11156	290	0.999	4.5	1.1	315	0	0	91.7	91.4	41.9	42.6	0	0
136912	11180	290.5	0.967	4.7	1.1	315	0	0	91.7	91.4	41.9	42.6	0	0
136913	11204	291.5	1.004	4.7	1.1	315	0	0	91.7	91.4	41.9	42.6	0	0
136914	11232	291.5	1.008	4.7	0.7	315	0	0	91.7	91.4	41.9	42.6	0	0
136915	11264	292.5	1.038	4.8	0.7	315	0	0	91.7	91.4	41.9	42.6	0	0
136916	11292	293	1.013	5	0.4	315	0	0	91.7	91.4	41.8	42.6	0	0
136917	11328	293.5	1.05	5.2	0.4	315	0	0	91.6	91.4	41.8	42.6	0	0
136918	11360	293.5	0.983	5.2	0.7	315	0	0	91.6	91.4	41.8	42.6	0	0
136919	11400	294	0.979	5.2	0.4	315	0	0	91.7	91.4	41.8	42.5	0	0
136920	11428	294	1.008	5.4	0	315	0	0	91.7	91.4	41.8	42.5	0	0
136921	11468	295	1.004	5.4	0.4	315	0	0	91.9	91.4	41.8	42.5	0	0
136922	11504	294.5	1.008	5.5	0.4	315	0	0	91.9	91.4	41.8	42.5	0	0
136923	11540	294.5	0.963	5.5	0.4	315	0	0	91.9	91.4	41.8	42.4	0	0
136924	11572	294.5	0.947	5.5	0.4	314.6	0	0	91.9	91.4	41.8	42.4	0	0
136925	11616	295	0.967	5.5	0.4	314.6	0	0	91.9	91.4	41.8	42.4	0	0
136926	11648	295	0.958	5.5	0	314.6	0	0	91.9	91.4	41.8	42.4	0	0
136927	11684	295	0.988	5.5	0	314.6	0	0	91.9	91.4	41.8	42.4	0	0
136928	11720	294.5	0.947	5.5	0	314.6	0	0	91.9	91.4	41.8	42.4	0	0
136929	11760	295.5	0.988	5.7	0.4	314.6	0	0	91.9	91.4	41.8	42.4	0	0
136930	11800	296.5	0.937	5.7	0	314.6	0	0	91.9	91.4	41.8	42.4	0	0
136931	11832	296	0.963	5.7	0.4	314.6	0	0	91.7	91.4	41.8	42.4	0	0
136932	11872	296.5	0.947	5.5	0	314.3	0	0	91.7	91.4	41.8	42.4	0	0
136933	11908	296.5	0.958	5.5	0	314.6	0	0	91.6	91.4	41.8	42.2	0	0
136934	11948	296.5	1.004	5.5	0.4	314.6	0	0	91.6	91.4	41.8	42.2	0	0
136935	11988	297	0.992	5.7	0.4	314.6	0	0	91.9	91.4	41.8	42.2	0	0
136936	12028	297	1.004	5.7	0	314.6	0	0	91.9	91.4	41.8	42.2	0	0
136937	12060	297	0.96	5.7	0.4	314.6	0	0	91.7	91.4	41.8	42.2	0	0
136938	12120	297.5	0.96	5.7	0.4	314.6	0	0	91.7	91.4	41.8	42.2	0	0
136939	12156	297.5	0.96	5.7	0	314.6	0	0	91.7	91.4	41.8	42.2	0	0
136940	12180	297	0.96	5.7	0	314.6	0	0	91.7	91.4	41.8	42.2	0	0
136941	12224	297.5	0.956	5.7	0	314.6	0	0	91.6	91.4	41.8	42.2	0	0
136942	12256	298	0.986	5.7	0	314.6	0	0	91.6	91.4	41.8	42.2	0	0
136943	12300	298	0.97	5.9	0	314.6	0	0	92.1	91.4	41.8	42.2	0	0
136944	12348	298	1.015	5.9	0.4	314.6	0	0	92.1	91.4	41.8	42.2	0	0
136945	12396	298	1.027	5.9	0.4	314.6	0	0	91.7	91.4	41.8	42.2	0	0
136946	12420	298	0.958	5.9	0	315	0	0	91.7	91.4	41.8	42.2	0	0
136947	12468	298	0.958	5.9	0	315	0	0	92.1	91.4	41.8	42.1	0	0
136948	12508	298	0.967	5.9	0	315	0	0	92.1	91.4	41.8	42.1	0	0
136949	12552	298	0.972	5.9	0	315	0	0	91.9	91.4	41.8	42.1	0	0

136950	12600	298.5	0.992	5.9	0	315	0	0	91.9	91.4	41.8	42.1	0	0
136951	12640	298	0.947	5.9	0	315	0	0	91.9	91.4	41.8	42.1	0	0
136952	12688	299	0.963	5.9	0	315	0	0	91.9	91.4	41.6	42.1	0	0
136953	12720	298	0.942	5.9	0.4	315	0	0	91.7	91.4	41.6	42.1	0	0
136954	12756	298	0.94	6.1	0.4	315	0	0	91.7	91.4	41.6	42.1	0	0
136955	12800	297.5	0.965	6.1	0	315	0	0	91.9	91.4	41.6	42.1	0	0
136956	12848	298	0.949	5.9	0.4	315	0	0	91.9	91.4	41.6	42.1	0	0
136957	12888	297	0.97	6.1	0.4	315	0	0	91.9	91.4	41.6	42.1	0	0
136958	12940	298	0.97	6.1	0.4	315	0	0	91.9	91.4	41.6	42.1	0	0
136959	12976	297.5	0.96	6.1	0.4	315	0	0	91.7	91.4	41.6	42.1	0	0
136960	13008	297	0.935	5.9	0	315	0	0	91.7	91.4	41.6	42.1	0	0
136961	13040	297	0.931	5.9	0	315	0	0	92.1	91.4	41.6	42.1	0	0
136962	13084	297	0.956	5.7	0	315.3	0	0	92.1	91.4	41.6	42.1	0	0
136963	13128	297.5	0.958	5.7	0	315.3	0	0	91.7	91.4	41.6	42.1	0	0
136964	13168	297.5	0.974	5.7	0.4	315.3	0	0	91.7	91.4	41.6	42.1	0	0
136965	13204	298	0.963	5.5	0	315.7	0	0	91.9	91.4	41.6	42.1	0	0
136966	13236	298.5	0.953	5.5	0.4	315.7	0	0	91.9	91.4	41.6	42.1	0	0
136967	13272	298.5	0.992	5.7	0.4	315.3	0	0	91.7	91.4	41.6	42.1	0	0
136968	13316	299	0.947	5.5	0	315.3	0	0	91.7	91.4	41.6	42.1	0	0
136969	13364	299.5	0.974	5.7	0.4	315.3	0	0	91.7	91.4	41.6	42.1	0	0
136970	13404	300	0.992	5.7	0.4	315.3	0	0	91.7	91.4	41.6	42.1	0	0
136971	13444	300.5	0.988	5.7	0.4	315.3	0	0	91.9	91.4	41.6	42.2	0	0
136972	13488	301	0.967	5.9	0.4	315.3	0	0	91.9	91.4	41.6	42.2	0	0
136973	13520	301	0.999	6.1	0.4	315.3	0	0	91.9	91.4	41.6	42.2	0	0
136974	13568	301.5	1.024	6.1	0	315.3	0	0	91.9	91.4	41.6	42.2	0	0
136975	13616	300	0.988	6.2	0	315.3	0	0	91.9	91.4	41.6	42.2	0	0
136976	13660	300	0.992	6.2	0.4	315.3	0	0	91.9	91.4	41.6	42.2	0	0
136977	13712	299.5	0.942	6.2	0.4	315.3	0	0	91.9	91.4	41.6	42.2	0	0
136978	13760	299.5	0.979	6.2	0	315.3	0	0	91.9	91.4	41.6	42.2	0	0
136979	13800	299.5	0.988	6.2	0	315.3	0	0	91.7	91.4	41.6	42.1	0	0
136980	13840	300	0.951	6.2	0	315.3	0	0	91.7	91.4	41.6	42.1	0	0
136981	13888	300.5	0.921	6.1	0	315.3	0	0	91.9	91.4	41.6	42.1	0	0
136982	13932	300.5	0.972	6.1	0	315.3	0	0	91.9	91.4	41.6	42.1	0	0
136983	13980	300.5	0.963	6.1	0.4	315	0	0	92.1	91.4	41.6	42.2	0	0
136984	14032	300.5	0.963	6.2	0.4	315	0	0	92.1	91.4	41.6	42.2	0	0
136985	14080	301	1.004	6.2	0.4	315	0	0	91.9	91.4	41.6	42.2	0	0
136986	14108	302	0.999	6.2	0.4	315	0	0	91.9	91.4	41.6	42.2	0	0
136987	14168	301.5	1.008	6.4	0.4	315	0	0	91.9	91.4	41.6	42.2	0	0
136988	14216	302	1.024	6.4	0	315	0	0	91.9	91.4	41.6	42.2	0	0
136989	14268	301.5	0.999	6.6	0	315	0	0	91.7	91.6	41.6	42.2	0	0
136990	14316	302.5	0.979	6.6	0	315	0	0	91.7	91.6	41.6	42.2	0	0
136991	14372	302.5	0.988	6.6	0	315.3	0	0	91.7	91.4	41.6	42.2	0	0
136992	14416	302.5	0.983	6.6	0	315.3	0	0	91.7	91.4	41.6	42.2	0	0
136993	14460	302	0.983	6.6	0	315.3	0	0	91.6	91.4	41.6	42.2	0	0
136994	14520	301.5	0.983	6.8	0	315.3	0	0	91.6	91.4	41.6	42.2	0	0
136995	14572	301.5	0.983	6.8	0	315.3	0	0	91.6	91.4	41.6	42.1	0	0
136996	14628	301.5	0.974	6.8	0.4	315.3	0	0	91.6	91.4	41.6	42.1	0	0
136997	14680	300.5	0.963	6.8	0.4	315	0	0	91.9	91.4	41.6	42.2	0	0
136998	14728	300	0.988	6.8	0.4	315	0	0	91.9	91.4	41.6	42.2	0	0
136999	14780	300	0.901	6.8	0.4	315.3	0	0	91.7	91.4	41.6	42.4	0	0
137000	14836	299.5	0.921	6.6	0.4	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137001	14888	299.5	0.937	6.6	0.4	315.3	0	0	91.9	91.4	41.8	42.4	0	0
137002	14940	299.5	0.947	6.4	0.4	315.3	0	0	91.9	91.4	41.8	42.4	0	0
137003	14980	299.5	0.921	6.4	0.4	315.3	0	0	91.7	91.6	41.8	42.4	0	0
137004	15028	299	0.953	6.4	0.4	315.3	0	0	91.7	91.6	41.8	42.4	0	0
137005	15080	299.5	0.937	6.4	0	315.3	0	0	91.9	91.4	41.8	42.4	0	0
137006	15128	299	0.97	6.2	0	315.3	0	0	91.9	91.4	41.8	42.4	0	0
137007	15176	299	0.935	6.2	0	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137008	15224	298.5	0.96	6.2	0	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137009	15260	298.5	0.986	6.2	0	315.3	0	0	91.9	91.4	41.8	42.4	0	0
137010	15312	298	0.949	6.1	0	315.3	0	0	91.9	91.4	41.8	42.4	0	0
137011	15360	298	1.002	6.2	0	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137012	15404	297.5	0.965	6.2	0	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137013	15452	297.5	0.981	6.1	0	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137014	15496	296.5	0.903	5.9	0	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137015	15540	296.5	0.933	5.9	0	315.3	0	0	91.9	91.4	41.8	42.2	0	0
137016	15580	296	0.967	5.7	0	315.3	0	0	91.9	91.4	41.8	42.2	0	0
137017	15628	295	0.917	5.7	0	315.3	0	0	91.9	91.4	41.8	42.2	0	0
137018	15660	294	0.921	5.7	0.4	315.3	0	0	91.9	91.4	41.8	42.2	0	0
137019	15700	293	0.942	5.5	0.4	315.3	0	0	91.6	91.4	41.8	42.4	0	0
137020	15744	292	0.912	5.4	0.4	315.3	0	0	91.6	91.4	41.8	42.4	0	0

137021	15780	291.5	0.917	5.2	0.4	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137022	15808	291	0.901	5	0.4	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137023	15840	290.5	0.901	4.7	0.4	315.3	0	0	91.9	91.3	41.8	42.4	0	0
137024	15868	291	0.894	4.5	0.4	315.3	0	0	91.9	91.3	41.8	42.4	0	0
137025	15900	291.5	0.883	4.3	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137026	15920	292	0.91	4.1	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137027	15944	292.5	0.94	4.1	0	315.3	0	0	91.9	91.3	41.8	42.4	0	0
137028	15968	293	0.94	4.1	0	315.3	0	0	91.9	91.3	41.8	42.4	0	0
137029	15988	293.5	0.924	4.1	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137030	16012	294.5	0.96	4.1	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137031	16032	295	0.96	4.1	0.4	315	0	0	91.9	91.3	41.8	42.4	0	0
137032	16056	295.5	1.008	4.1	0.4	315	0	0	91.9	91.3	41.8	42.4	0	0
137033	16080	296	0.967	4.3	0.4	315.3	0	0	91.9	91.4	41.8	42.4	0	0
137034	16108	296.5	0.983	4.3	0.4	315.3	0	0	91.9	91.4	41.8	42.4	0	0
137035	16132	297	1.029	4.5	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137036	16160	297.5	1.02	4.7	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137037	16192	297.5	0.999	4.7	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137038	16216	298	0.999	4.8	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137039	16244	298.5	0.958	4.8	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137040	16280	298.5	0.999	4.8	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137041	16308	298.5	0.976	4.8	0	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137042	16344	299	0.986	5	0	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137043	16376	299	1.006	5	0	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137044	16412	298.5	0.965	5	0	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137045	16448	298.5	0.986	5.2	0	315.3	0	0	91.6	91.4	41.8	42.4	0	0
137046	16480	298.5	0.96	5.2	0.4	315.3	0	0	91.6	91.4	41.8	42.4	0	0
137047	16524	298.5	0.965	5.2	0.4	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137048	16548	298.5	0.97	5.2	0.4	315	0	0	91.7	91.4	41.8	42.4	0	0
137049	16584	298.5	0.976	5.2	0	315	0	0	91.4	91.3	41.8	42.4	0	0
137050	16620	298.5	0.963	5	0	315.3	0	0	91.4	91.3	41.8	42.4	0	0
137051	16656	299	0.979	5	0	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137052	16692	299	0.958	5	0.4	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137053	16724	299.5	0.958	5	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137054	16760	300	0.963	5	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137055	16800	300.5	0.979	5.2	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137056	16836	301.5	1.008	5.2	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137057	16876	303	1.029	5.2	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137058	16916	303	1.027	5.4	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137059	16948	304	1.052	5.5	0.4	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137060	16996	304.5	1.047	5.7	0	315.3	0	0	91.7	91.3	41.8	42.4	0	0
137061	17040	304.5	1.031	5.9	0.4	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137062	17092	305.5	1.052	6.1	0.4	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137063	17132	306	1.036	6.2	0	315.7	0	0	91.7	91.3	41.8	42.4	0	0
137064	17184	306	1.027	6.4	0.4	315.7	0	0	91.7	91.3	41.8	42.4	0	0
137065	17240	306	1.036	6.6	0.4	315.7	0	0	91.9	91.3	41.8	42.4	0	0
137066	17304	306	1.015	6.8	0.4	315.7	0	0	91.9	91.3	41.8	42.4	0	0
137067	17356	306	1.008	6.9	0.4	315.7	0	0	91.7	91.3	41.8	42.5	0	0
137068	17412	306	1.013	7.1	0.4	315.7	0	0	91.7	91.3	41.8	42.5	0	0
137069	17472	305	1.024	7.1	0	315.7	0	0	91.7	91.3	41.8	42.5	0	0
137070	17532	305	1.013	7.1	0	315.7	0	0	91.7	91.3	41.8	42.5	0	0
137071	17596	305	0.979	7.3	0	315.7	0	0	91.6	91.3	41.8	42.5	0	0
137072	17652	304.5	0.972	7.1	0	315.7	0	0	91.6	91.3	41.8	42.5	0	0
137073	17712	304	0.947	7.1	0	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137074	17768	303	0.979	7.3	-0.3	315.3	0	0	91.7	91.4	41.8	42.4	0	0
137075	17828	302.5	0.979	7.1	-0.3	315.3	0	0	91.4	91.3	41.8	42.4	0	0
137076	17888	301	0.937	7.1	0	315.3	0	0	91.4	91.3	41.8	42.4	0	0
137077	17944	300.5	0.942	6.9	0	315.7	0	0	91.7	91.3	41.8	42.4	0	0
137078	18000	300	0.921	6.9	0	315.7	0	0	91.7	91.3	41.8	42.4	0	0
137079	18060	299	0.933	6.8	0	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137080	18104	298.5	0.905	6.6	0.4	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137081	18160	298	0.901	6.4	0.7	316.1	0	0	91.7	91.3	41.8	42.4	0	0
137082	18216	297.5	0.901	6.2	0.7	316.1	0	0	91.7	91.3	41.8	42.4	0	0
137083	18260	297.5	0.942	6.1	0.4	316.1	0	0	91.7	91.1	41.8	42.4	0	0
137084	18304	297	0.921	6.1	0.4	316.1	0	0	91.7	91.1	41.8	42.4	0	0
137085	18348	297	0.912	5.9	0.4	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137086	18392	297	0.905	5.7	0.4	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137087	18436	297	0.921	5.5	0.4	315.7	0	0	91.6	91.1	41.8	42.4	0	0
137088	18472	297	0.967	5.5	0	315.7	0	0	91.6	91.1	41.8	42.4	0	0
137089	18512	297	0.958	5.5	0	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137090	18552	297	0.958	5.4	0	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137091	18592	297	0.942	5.4	0.4	315.7	0	0	91.4	91.1	41.8	42.4	0	0

137092	18632	297	0.937	5.4	0.4	315.7	0	0	91.4	91.1	41.8	42.4	0	0
137093	18672	297.5	0.986	5.4	0.4	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137094	18700	297.5	0.928	5.4	0.4	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137095	18744	297	0.96	5.4	0.4	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137096	18780	296	0.974	5.4	0	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137097	18824	295.5	0.956	5.4	0	315.7	0	0	91.6	91.1	41.8	42.4	0	0
137098	18852	295.5	0.96	5.2	0	315.7	0	0	91.6	91.1	41.8	42.4	0	0
137099	18892	295.5	0.974	5.2	0.4	315.7	0	0	91.7	91.1	41.8	42.5	0	0
137100	18928	295.5	0.928	5.2	0.4	315.7	0	0	91.7	91.1	41.8	42.5	0	0
137101	18960	294.5	0.96	5	0.4	315.7	0	0	91.6	91.1	41.8	42.5	0	0
137102	18996	294	0.937	4.8	0	315.7	0	0	91.6	91.1	41.8	42.5	0	0
137103	19028	294	0.892	4.7	0	315.7	0	0	91.7	91.1	41.8	42.5	0	0
137104	19056	293.5	0.921	4.5	0	315.7	0	0	91.7	91.1	41.8	42.5	0	0
137105	19092	294	0.942	4.5	0	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137106	19120	294	0.942	4.5	0.4	315.3	0	0	91.7	91.1	41.8	42.4	0	0
137107	19148	294	0.963	4.3	0	315.3	0	0	91.7	91.1	41.8	42.4	0	0
137108	19176	294	0.951	4.3	0	315.3	0	0	91.7	91.1	41.8	42.4	0	0
137109	19204	294	0.933	4.3	0	315.3	0	0	91.6	91.1	41.8	42.5	0	0
137110	19228	294.5	0.94	4.1	0	315.3	0	0	91.6	91.1	41.8	42.5	0	0
137111	19252	294.5	0.944	4.1	0.4	315.3	0	0	91.7	91.3	41.8	42.5	0	0
137112	19280	294.5	0.949	4.1	0.4	315.3	0	0	91.7	91.3	41.8	42.5	0	0
137113	19304	294.5	0.949	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.5	0	0
137114	19328	295	0.986	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.5	0	0
137115	19356	295.5	0.96	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.5	0	0
137116	19380	295.5	0.995	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.5	0	0
137117	19404	295.5	0.944	4.1	0	315	0	0	91.6	91.1	41.8	42.4	0	0
137118	19428	295.5	0.96	4.1	0	315	0	0	91.6	91.1	41.8	42.4	0	0
137119	19452	295.5	0.944	4.1	0	315	0	0	91.6	91.1	41.8	42.4	0	0
137120	19480	295.5	0.97	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.4	0	0
137121	19504	295.5	0.956	4.1	0.4	315.3	0	0	91.4	91.1	41.8	42.4	0	0
137122	19528	295.5	0.981	4.1	0.4	315.3	0	0	91.4	91.1	41.8	42.4	0	0
137123	19556	296	0.944	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.4	0	0
137124	19576	295.5	0.949	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.4	0	0
137125	19608	295.5	1.002	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.4	0	0
137126	19628	295.5	0.956	4.1	0.4	315.3	0	0	91.6	91.1	41.8	42.4	0	0
137127	19656	295.5	0.949	4.1	0	315.3	0	0	91.3	91.1	41.8	42.4	0	0
137128	19676	296	0.944	4.1	0	315.3	0	0	91.3	91.1	41.8	42.4	0	0
137129	19700	296	0.931	4.1	0	315.3	0	0	91.3	91.3	41.8	42.4	0	0
137130	19724	295.5	0.94	4	0	315.3	0	0	91.3	91.3	41.8	42.4	0	0
137131	19752	295.5	0.956	4	0	315.3	0	0	91.6	91.1	41.8	42.4	0	0
137132	19768	295.5	0.944	4	0	315.3	0	0	91.6	91.1	41.8	42.4	0	0
137133	19792	295.5	0.956	4	0	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137134	19820	295.5	0.96	4	0	315.3	0	0	91.6	91.3	41.8	42.4	0	0
137135	19848	295.5	0.956	4	0	315.3	0	0	91.7	91.1	41.8	42.4	0	0
137136	19868	296	0.963	4	0.4	315.7	0	0	91.7	91.1	41.8	42.4	0	0
137137	19888	296	0.953	4	0.4	315.7	0	0	91.7	91.1	41.8	42.5	0	0
137138	19904	296	0.947	3.8	0.4	315.7	0	0	91.7	91.1	41.8	42.5	0	0
137139	19928	296	0.974	3.8	0.4	315.7	0	0	91.7	91.3	41.8	42.5	0	0
137140	19956	296.5	0.953	4	0.4	315.7	0	0	91.7	91.3	41.8	42.5	0	0
137141	19976	296.5	0.983	4	0.4	315.7	0	0	91.7	91.1	41.8	42.5	0	0
137142	19992	296.5	0.967	4	0.4	315.7	0	0	91.7	91.1	41.8	42.5	0	0
137143	20012	296.5	0.963	4	0	315.7	0	0	91.7	91.3	41.8	42.5	0	0
137144	20036	296.5	0.967	4	0	315.7	0	0	91.7	91.3	41.8	42.5	0	0
137145	20060	296.5	0.967	4	0	315.7	0	0	91.4	91.3	41.8	42.5	0	0
137146	20080	296.5	0.972	3.8	0	315.7	0	0	91.4	91.3	41.8	42.5	0	0
137147	20096	296.5	0.988	3.8	0	315.3	0	0	91.6	91.3	41.8	42.5	0	0
137148	20124	296.5	0.999	3.8	0	315.3	0	0	91.6	91.3	41.8	42.5	0	0
137149	20140	297	0.963	3.8	0	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137150	20164	297	0.937	3.8	0.4	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137151	20188	297	0.963	3.8	0.4	315.7	0	0	91.7	91.3	41.8	42.4	0	0
137152	20208	297.5	0.951	3.8	0.4	315.7	0	0	91.7	91.3	41.8	42.4	0	0
137153	20228	297.5	0.942	3.8	0	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137154	20248	297.5	0.967	3.8	0	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137155	20276	297.5	1.013	4	0.4	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137156	20300	298	1.008	4	0.4	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137157	20320	298	0.963	4	0.4	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137158	20344	298	1.004	4.1	0.4	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137159	20364	298	0.958	4.1	0.4	315.7	0	0	91.7	91.3	41.8	42.4	0	0
137160	20388	298	0.953	4	0.4	315.7	0	0	91.7	91.3	41.8	42.4	0	0
137161	20412	299.5	0.942	4	0.4	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137162	20440	299.5	0.965	4	0	315.7	0	0	91.6	91.3	41.8	42.4	0	0

137163	20460	299.5	0.99	4	0	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137164	20480	300	1.031	4.1	0.4	315.7	0	0	91.6	91.3	41.8	42.4	0	0
137165	20508	300	1.031	4.3	0.4	315.7	0	0	91.4	91.3	41.8	42.4	0	0
137166	20532	300	1.006	4.3	0	315.7	0	0	91.4	91.3	41.6	42.4	0	0
137167	20560	300	0.995	4.3	0	315.7	0	0	91.4	91.3	41.6	42.4	0	0
137168	20588	300	0.976	4.5	0	315.7	0	0	91.4	91.3	41.6	42.4	0	0
137169	20628	300	0.97	4.5	0	315.7	0	0	91.6	91.3	41.6	42.4	0	0
137170	20656	300	0.949	4.3	0	315.7	0	0	91.6	91.3	41.6	42.4	0	0
137171	20684	300	0.96	4.5	0	315.7	0	0	91.3	91.1	41.6	42.4	0	0
137172	20716	300	0.956	4.3	0	315.7	0	0	91.3	91.1	41.6	42.4	0	0
137173	20740	301	0.986	4.5	0	315.7	0	0	91.4	91.3	41.6	42.4	0	0
137174	20772	301.5	1.006	4.5	0	315.7	0	0	91.4	91.3	41.8	42.4	0	0
137175	20800	301.5	0.986	4.7	0.4	316.1	0	0	91.7	91.1	41.8	42.5	0	0
137176	20832	302.5	0.986	4.7	0.4	316.1	0	0	91.7	91.1	41.8	42.5	0	0
137177	20864	303	0.965	4.7	0.4	316.1	0	0	91.7	91.3	41.8	42.5	0	0
137178	20900	303	1.015	4.8	0.4	316.1	0	0	91.7	91.3	41.8	42.5	0	0
137179	20936	303	1.022	4.8	0.4	316.1	0	0	91.6	91.3	41.8	42.5	0	0
137180	20972	303	1.011	5	0	316.1	0	0	91.6	91.3	41.8	42.5	0	0
137181	21008	303	1.031	5.2	0.4	316.1	0	0	91.6	91.3	41.8	42.5	0	0
137182	21040	302.5	1.006	5.4	0.4	316.1	0	0	91.6	91.3	41.6	42.5	0	0
137183	21088	302.5	0.99	5.4	0	316.1	0	0	91.4	91.3	41.6	42.4	0	0
137184	21128	302	0.981	5.4	0	316.1	0	0	91.4	91.3	41.6	42.4	0	0
137185	21168	302	0.986	5.4	0	316.1	0	0	91.6	91.1	41.6	42.4	0	0
137186	21208	301.5	0.956	5.4	0.4	316.1	0	0	91.6	91.1	41.6	42.4	0	0
137187	21252	301.5	0.931	5.2	0.4	316.1	0	0	91.6	91.1	41.6	42.4	0	0
137188	21288	301.5	0.983	5.2	0.4	316.1	0	0	91.6	91.1	41.6	42.4	0	0
137189	21328	301.5	0.947	5.2	0.4	316.1	0	0	91.6	91.1	41.6	42.4	0	0
137190	21360	301	0.988	5.2	0.4	316.1	0	0	91.6	91.1	41.6	42.4	0	0
137191	21408	301	0.972	5.4	0	316.1	0	0	91.6	91.1	41.6	42.4	0	0
137192	21444	301	0.958	5.4	0	316.1	0	0	91.6	91.1	41.6	42.4	0	0
137193	21484	300.5	0.992	5.4	0	316.1	0	0	91.7	91.1	41.6	42.4	0	0
137194	21520	300	0.983	5.2	0	316.1	0	0	91.7	91.1	41.6	42.4	0	0
137195	21560	299.5	0.926	5.2	0	316.1	0	0	91.3	91.1	41.6	42.4	0	0
137196	21604	299.5	0.947	5.2	0.4	316.4	0	0	91.3	91.1	41.6	42.4	0	0
137197	21636	299	0.949	5	0.4	316.4	0	0	91.4	91.1	41.6	42.4	0	0
137198	21672	299	0.935	5	0	316.4	0	0	91.4	91.1	41.6	42.4	0	0
137199	21708	298.5	0.949	4.8	0	316.4	0	0	91.4	91.1	41.6	42.5	0	0
137200	21744	298.5	0.928	4.8	0	316.4	0	0	91.4	91.1	41.6	42.5	0	0
137201	21776	298.5	0.935	4.8	0	316.4	0	0	91.4	91.1	41.6	42.4	0	0
137202	21812	298.5	0.944	4.7	0.4	316.4	0	0	91.4	91.1	41.6	42.4	0	0
137203	21844	298.5	1.011	4.7	0.4	316.4	0	0	91.1	90.9	41.6	42.4	0	0
137204	21872	298.5	0.949	4.7	0	316.4	0	0	91.1	90.9	41.6	42.4	0	0
137205	21904	298.5	0.995	4.7	0	316.4	0	0	91.3	90.8	41.6	42.5	0	0
137206	21936	298.5	0.963	4.7	0.4	316.4	0	0	91.3	90.8	41.6	42.5	0	0
137207	21964	298.5	0.988	4.5	0.4	316.4	0	0	91.4	90.9	41.6	42.5	0	0
137208	22000	299	0.983	4.5	0	316.4	0	0	91.4	90.9	41.6	42.5	0	0
137209	22024	298.5	0.942	4.5	0.4	316.4	0	0	91.6	90.9	41.6	42.5	0	0
137210	22056	297.5	0.947	4.5	0.4	316.4	0	0	91.6	90.9	41.6	42.5	0	0
137211	22092	298	0.926	4.5	0.4	316.4	0	0	91.4	90.9	41.6	42.5	0	0
137212	22120	298	0.976	4.5	0	316.4	0	0	91.4	90.9	41.6	42.5	0	0
137213	22148	298.5	0.931	4.5	0.4	316.4	0	0	91.3	90.9	41.6	42.5	0	0
137214	22184	298.5	0.979	4.5	0	316.4	0	0	91.3	90.9	41.6	42.5	0	0
137215	22200	298.5	0.958	4.5	0.4	316.1	0	0	91.6	90.9	41.6	42.5	0	0
137216	22232	298.5	0.933	4.3	0	316.1	0	0	91.6	90.9	41.6	42.5	0	0
137217	22264	298	0.983	4.3	0.4	316.1	0	0	91.3	90.9	41.6	42.4	0	0
137218	22292	297.5	0.947	4.3	0.4	316.1	0	0	91.3	90.9	41.6	42.4	0	0
137219	22324	298	0.958	4.3	0.4	316.1	0	0	91.4	90.9	41.6	42.4	0	0
137220	22348	298	0.953	4.3	0	315.7	0	0	91.4	90.9	41.6	42.4	0	0
137221	22380	298	0.999	4.3	0	316.1	0	0	91.3	90.9	41.6	42.5	0	0
137222	22412	297.5	0.999	4.3	0.4	315.7	0	0	91.3	90.9	41.6	42.5	0	0
137223	22436	297.5	0.937	4.3	0	315.7	0	0	91.4	90.9	41.6	42.5	0	0
137224	22464	297.5	0.963	4.3	0	315.7	0	0	91.4	90.9	41.6	42.5	0	0
137225	22488	298	0.963	4.3	0	315.7	0	0	91.3	90.9	41.6	42.5	0	0
137226	22520	298	0.967	4.1	0	315.7	0	0	91.3	90.9	41.6	42.5	0	0
137227	22544	297.5	0.937	4.1	0	315.7	0	0	91.1	90.9	41.6	42.5	0	0
137228	22576	297.5	0.958	4.1	0	315.7	0	0	91.1	90.9	41.6	42.5	0	0
137229	22588	297.5	0.947	4	0	315.7	0	0	91.3	90.9	41.6	42.5	0	0
137230	22624	297.5	0.947	4.1	0	315.7	0	0	91.3	90.9	41.6	42.5	0	0
137231	22648	298.5	0.963	4.1	0	315.7	0	0	91.3	90.9	41.6	42.5	0	0
137232	22676	298.5	0.986	4.1	0	315.7	0	0	91.3	90.9	41.6	42.5	0	0
137233	22696	298.5	0.94	4	0	315.7	0	0	91.3	90.9	41.6	42.5	0	0

137234	22728	298.5	0.99	4.1	0.4	315.7	0	0	91.3	90.9	41.6	42.5	0	0
137235	22748	298	1.002	4.1	0	315.7	0	0	91.6	90.9	41.6	42.5	0	0
137236	22772	298.5	0.981	4.1	0	315.7	0	0	91.6	90.9	41.8	42.5	0	0
137237	22804	298.5	1.006	4.1	0.4	315.7	0	0	91.6	90.9	41.8	42.4	0	0
137238	22832	299.5	0.981	4.1	0	315.7	0	0	91.6	90.9	41.8	42.4	0	0
137239	22856	299.5	0.981	4.1	0	315.7	0	0	91.6	90.9	41.8	42.4	0	0
137240	22884	299	0.988	4.3	0.4	315.7	0	0	91.6	90.9	41.8	42.4	0	0
137241	22916	299	0.958	4.3	0	315.7	0	0	91.4	90.9	41.8	42.4	0	0
137242	22944	299	0.942	4.3	0	315.7	0	0	91.4	90.9	41.8	42.4	0	0
137243	22964	299	0.983	4.3	0.4	315.7	0	0	91.1	90.9	41.8	42.4	0	0
137244	22996	299	0.963	4.3	0	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137245	23028	298.5	0.947	4.3	0	315.7	0	0	91.4	91.1	41.6	42.4	0	0
137246	23048	299	0.947	4.3	0	315.7	0	0	91.4	91.1	41.6	42.4	0	0
137247	23084	299	0.947	4.3	0	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137248	23116	299	0.963	4.3	0	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137249	23144	299	1.006	4.3	0	315.7	0	0	91.3	90.9	41.6	42.4	0	0
137250	23168	299	0.956	4.3	0.4	315.7	0	0	91.3	90.9	41.6	42.4	0	0
137251	23196	299	0.96	4.3	0.4	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137252	23228	299	0.981	4.3	0	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137253	23252	299	0.97	4.3	0.4	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137254	23280	299.5	0.96	4.3	0	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137255	23308	298.5	0.97	4.3	0.4	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137256	23336	299	0.974	4.3	0.4	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137257	23372	299	0.949	4.3	0	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137258	23392	298.5	0.972	4.3	0.4	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137259	23428	298.5	0.958	4.3	0.4	315.7	0	0	91.3	90.9	41.6	42.4	0	0
137260	23456	299	0.937	4.1	0.4	315.7	0	0	91.3	90.9	41.6	42.4	0	0
137261	23484	299	0.988	4.3	0.4	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137262	23508	298.5	0.988	4.3	0.4	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137263	23540	298.5	0.912	4.1	0.4	315.7	0	0	91.1	90.9	41.6	42.4	0	0
137264	23564	298.5	0.951	4.1	0	315.3	0	0	91.1	90.9	41.6	42.4	0	0
137265	23592	299	1.004	4.1	0	315.7	0	0	91.1	90.8	41.6	42.5	0	0
137266	23620	298.5	0.972	4.1	0.7	315.7	0	0	91.1	90.8	41.6	42.5	0	0
137267	23648	298	0.972	4.1	0	315.7	0	0	91.3	90.8	41.6	42.4	0	0
137268	23672	299	0.972	4.1	0	315.7	0	0	91.3	90.8	41.6	42.4	0	0
137269	23700	298.5	0.942	4.1	0.4	315.3	0	0	91.1	90.8	41.6	42.4	0	0
137270	23732	298.5	1.024	4.1	0	315.3	0	0	91.1	90.8	41.6	42.4	0	0
137271	23756	298.5	0.933	4	0	315.3	0	0	91.3	90.8	41.6	42.4	0	0
137272	23792	298.5	0.999	4.1	0	315.3	0	0	91.3	90.8	41.6	42.4	0	0
137273	23804	298	0.958	4.1	0.4	315.3	0	0	91.3	90.8	41.6	42.5	0	0
137274	23836	298	0.979	4.1	0	315.3	0	0	91.3	90.8	41.6	42.5	0	0
137275	23856	298	0.972	4	-0.3	315	0	0	91.3	90.8	41.6	42.4	0	0
137276	23892	297.5	0.947	4	0.4	315	0	0	91.3	90.8	41.6	42.4	0	0
137277	23912	298	0.983	4	0.4	315	0	0	91.1	90.8	41.6	42.4	0	0
137278	23940	298.5	0.958	4	0.4	315	0	0	91.1	90.8	41.6	42.4	0	0
137279	23964	298	0.947	4	-0.3	315	0	0	91.1	90.9	41.6	42.4	0	0
137280	23988	298.5	0.963	4	0.4	315	0	0	91.1	90.9	41.6	42.4	0	0
137281	24000	298.5	0.951	4	0.4	315	0	0	91.3	90.8	41.6	42.5	0	0
137282	24036	298	0.951	4	0	315	0	0	91.3	90.8	41.6	42.5	0	0
137283	24056	298	0.951	4	0	315	0	0	91.1	90.8	41.6	42.5	0	0
137284	24084	298	0.956	4	0.4	315	0	0	91.1	90.8	41.6	42.5	0	0
137285	24112	298.5	0.935	3.8	0.4	315	0	0	91.3	90.8	41.6	42.5	0	0
137286	24140	299	0.986	4	0.4	315	0	0	91.3	90.8	41.6	42.5	0	0
137287	24152	299	0.986	3.8	0	315	0	0	91.1	90.8	41.6	42.5	0	0
137288	24176	298.5	0.944	3.8	0.4	315	0	0	91.1	90.8	41.6	42.5	0	0
137289	24192	298	1.006	4	0.4	315	0	0	91.1	90.9	41.6	42.5	0	0
137290	24216	297.5	0.981	4	0	315	0	0	91.1	90.9	41.5	42.5	0	0
137291	24244	298.5	1.002	4	0.4	315	0	0	91.1	90.8	41.5	42.5	0	0
137292	24268	298.5	0.956	3.8	0	315	0	0	91.1	90.8	41.5	42.5	0	0
137293	24296	298	0.981	4	0.7	314.6	0	0	91.1	90.8	41.5	42.4	0	0
137294	24312	298	0.981	4	0	314.6	0	0	91.1	90.8	41.5	42.4	0	0
137295	24340	298	0.931	3.8	-0.3	314.6	0	0	90.9	90.8	41.5	42.4	0	0
137296	24360	298.5	0.949	3.8	0.7	315	0	0	90.9	90.8	41.5	42.4	0	0
137297	24384	298.5	0.995	3.8	0.4	314.6	0	0	91.1	90.8	41.5	42.4	0	0
137298	24412	298	0.97	3.8	0	314.6	0	0	91.1	90.8	41.5	42.4	0	0
137299	24436	298.5	0.97	3.8	0.4	314.6	0	0	91.1	90.8	41.5	42.4	0	0
137300	24444	298.5	0.956	3.8	0.4	314.6	0	0	91.1	90.8	41.5	42.4	0	0
137301	24468	298.5	0.965	3.8	0.4	314.6	0	0	91.3	90.9	41.5	42.4	0	0
137302	24500	298.5	0.97	3.8	0.4	314.6	0	0	91.3	90.9	41.6	42.4	0	0
137303	24520	298.5	0.99	3.8	0	314.6	0	0	91.3	90.8	41.6	42.4	0	0
137304	24544	298.5	0.99	3.8	0.4	314.6	0	0	91.3	90.8	41.6	42.4	0	0

137305	24572	298.5	0.949	3.8	0	314.6	0	0	91.3	90.9	41.6	42.5	0	0
137306	16392	298.5	0.999	3.8	0	314.6	0	0	91.3	90.9	41.6	42.5	0	0
137307	16424	299	0.97	3.8	0	314.6	0	0	91.3	90.8	41.6	42.5	0	0
137308	24632	299	0.999	4	0	314.6	0	0	91.3	90.8	41.6	42.5	0	0
137309	24660	299	0.99	4	0.4	314.6	0	0	91.4	90.8	41.6	42.5	0	0
137310	24688	299	0.981	4	0	314.6	0	0	91.4	90.8	41.6	42.5	0	0
137311	24716	299.5	0.97	4	0.4	314.6	0	0	91.3	90.8	41.6	42.5	0	0
137312	24740	299	0.981	4	0.4	314.6	0	0	91.3	90.8	41.6	42.5	0	0
137313	24752	299.5	0.97	4	0	314.3	0	0	91.1	90.8	41.6	42.5	0	0
137314	24780	299.5	0.97	4	0	314.3	0	0	91.1	90.8	41.6	42.5	0	0
137315	24804	299.5	0.981	4	0.4	314.3	0	0	91.1	90.9	41.6	42.5	0	0
137316	24836	299	0.99	4	0.4	314.3	0	0	91.1	90.9	41.6	42.5	0	0
137317	24860	299	0.995	4	0.4	314.3	0	0	91.1	90.8	41.6	42.5	0	0
137318	24888	299	0.963	4	0.4	314.3	0	0	91.1	90.8	41.6	42.5	0	0
137319	24908	299	0.967	4	0.4	314.3	0	0	91.3	90.8	41.6	42.5	0	0
137320	24940	299	0.967	4	0.4	314.3	0	0	91.3	90.8	41.5	42.5	0	0
137321	24960	299	0.958	4	0.4	314.3	0	0	90.9	90.8	41.5	42.4	0	0
137322	24996	299.5	0.983	4	0	314.3	0	0	90.9	90.8	41.5	42.4	0	0
137323	25016	299	0.967	4	0	314.3	0	0	90.9	90.8	41.5	42.4	0	0
137324	25040	299.5	0.967	4	0.4	314.3	0	0	90.9	90.8	41.5	42.4	0	0
137325	25068	299.5	0.988	4	0.4	314.3	0	0	91.1	90.8	41.5	42.4	0	0
137326	25092	299.5	0.979	4	0	314.3	0	0	91.1	90.8	41.5	42.4	0	0
137327	25112	299.5	0.974	4	0	314.3	0	0	90.9	90.8	41.5	42.4	0	0
137328	25140	299.5	0.979	4	0	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137329	25164	299.5	0.967	4	0	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137330	25192	299.5	0.963	4	0	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137331	25220	299.5	0.963	4	0.4	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137332	25248	299.5	0.979	4.1	0.4	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137333	25264	299	0.942	4.1	0	313.9	0	0	91.1	90.8	41.5	42.4	0	0
137334	25288	299.5	0.974	4	0.4	313.9	0	0	91.1	90.8	41.5	42.4	0	0
137335	25324	299	0.953	4	0.4	313.9	0	0	91.1	90.8	41.5	42.4	0	0
137336	25356	299.5	0.983	4	0.4	313.9	0	0	91.1	90.8	41.5	42.4	0	0
137337	25376	299.5	0.967	4	0.4	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137338	25408	299.5	0.958	4	0.4	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137339	25424	299.5	0.958	4	0.4	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137340	25448	299.5	0.967	4	0.4	313.9	0	0	90.9	90.8	41.5	42.4	0	0
137341	25480	299.5	0.958	4	0.4	313.9	0	0	90.8	90.6	41.5	42.4	0	0
137342	25504	299.5	0.988	4	0.4	313.9	0	0	90.8	90.6	41.5	42.4	0	0
137343	25532	299	0.963	4	0.4	313.9	0	0	90.8	90.8	41.5	42.4	0	0
137344	25556	299	0.97	4	0.4	313.9	0	0	90.8	90.8	41.5	42.4	0	0
137345	25584	299	0.97	4	0	313.6	0	0	90.8	90.6	41.5	42.4	0	0
137346	25604	299	0.956	4	0.4	313.6	0	0	90.8	90.6	41.5	42.4	0	0
137347	25636	299	0.944	4	0.4	313.6	0	0	91.1	90.6	41.5	42.4	0	0
137348	25660	299	0.965	4	0	313.6	0	0	91.1	90.6	41.5	42.4	0	0
137349	25692	299	0.944	3.8	0.4	313.6	0	0	91.1	90.6	41.5	42.4	0	0
137350	25712	299	0.94	3.8	0.4	313.6	0	0	91.1	90.6	41.5	42.4	0	0
137351	25736	299	0.986	3.8	0.4	313.6	0	0	90.9	90.6	41.5	42.4	0	0
137352	25764	299	0.986	3.8	0	313.6	0	0	90.9	90.6	41.5	42.4	0	0
137353	25780	298.5	0.951	3.8	0	313.6	0	0	91.1	90.6	41.5	42.4	0	0
137354	25808	298.5	0.96	3.8	0	313.2	0	0	91.1	90.6	41.5	42.4	0	0
137355	25828	298.5	0.965	4	0	313.2	0	0	90.9	90.6	41.5	42.4	0	0
137356	25860	298.5	0.986	3.8	0	313.2	0	0	90.9	90.6	41.5	42.4	0	0
137357	25884	298	0.935	3.8	0	313.2	0	0	90.8	90.6	41.5	42.4	0	0
137358	25908	298	0.944	3.8	0.4	313.2	0	0	90.8	90.6	41.5	42.4	0	0
137359	25928	298	0.965	3.8	0.4	313.2	0	0	90.8	90.6	41.5	42.4	0	0
137360	25956	298	0.956	3.8	0.4	313.2	0	0	90.8	90.6	41.5	42.4	0	0
137361	25976	298	0.951	3.6	0.4	313.2	0	0	90.9	90.6	41.5	42.4	0	0
137362	25992	298	0.97	3.6	0.4	313.2	0	0	90.9	90.6	41.5	42.4	0	0
137363	26012	298	0.956	3.6	0.4	313.2	0	0	90.9	90.6	41.5	42.4	0	0
137364	26040	298.5	0.97	3.6	0.4	313.2	0	0	90.9	90.6	41.5	42.4	0	0
137365	26060	298.5	0.981	3.6	0.4	313.2	0	0	90.9	90.6	41.5	42.4	0	0
137366	26080	298	0.956	3.6	0.4	313.2	0	0	90.9	90.6	41.5	42.4	0	0
137367	26100	298	0.97	3.6	0.4	313.2	0	0	90.8	90.6	41.5	42.4	0	0
137368	26128	298	0.94	3.6	0.4	313.2	0	0	90.8	90.6	41.5	42.4	0	0
137369	26140	298	0.986	3.6	0.4	312.9	0	0	90.6	90.6	41.5	42.4	0	0
137370	26156	298	0.967	3.6	0.4	312.9	0	0	90.6	90.6	41.4	42.4	0	0
137371	26184	298.5	0.937	3.6	0.4	312.9	0	0	90.8	90.6	41.4	42.4	0	0
137372	26204	298.5	0.953	3.4	0.4	312.9	0	0	90.8	90.6	41.4	42.4	0	0
137373	26220	298.5	0.963	3.4	0.4	312.9	0	0	90.9	90.6	41.4	42.4	0	0
137374	26244	299	0.979	3.4	0	312.9	0	0	90.9	90.6	41.4	42.4	0	0
137375	26260	299	0.967	3.4	0	312.9	0	0	90.6	90.6	41.4	42.4	0	0

137376	26288	298.5	1.004	3.4	0	312.9	0	0	90.6	90.6	41.4	42.4	0	0
137377	26308	299	0.992	3.4	0.4	312.9	0	0	90.6	90.6	41.4	42.4	0	0
137378	26328	299.5	0.992	3.6	0.4	312.9	0	0	90.6	90.6	41.4	42.4	0	0
137379	26352	299	0.992	3.6	0	312.9	0	0	90.8	90.6	41.4	42.4	0	0
137380	26368	298	1.008	3.6	0.4	312.9	0	0	90.8	90.6	41.4	42.4	0	0
137381	26392	298.5	0.928	3.6	0.4	312.9	0	0	90.8	90.6	41.4	42.4	0	0
137382	26408	298.5	0.908	3.6	0	312.9	0	0	90.8	90.6	41.3	42.4	0	0
137383	26432	299.5	0.992	3.6	0.4	312.9	0	0	90.8	90.6	41.3	42.4	0	0
137384	26464	299	1.004	3.6	0.4	312.5	0	0	90.8	90.6	41.3	42.4	0	0
137385	26472	299	0.937	3.6	0.4	312.9	0	0	90.8	90.6	41.3	42.4	0	0
137386	26500	299	0.999	3.6	0.7	312.5	0	0	90.8	90.6	41.3	42.4	0	0
137387	26520	299.5	0.988	3.6	0.4	312.5	0	0	90.8	90.6	41.3	42.4	0	0
137388	26540	299.5	0.986	3.6	0.4	312.5	0	0	90.8	90.6	41.3	42.4	0	0
137389	26576	299	0.986	3.6	0.7	312.5	0	0	90.6	90.6	41.3	42.4	0	0
137390	26588	299.5	0.944	3.6	0.4	312.5	0	0	90.6	90.6	41.3	42.4	0	0
137391	26616	299.5	0.981	3.8	0.4	312.5	0	0	90.8	90.5	41.3	42.4	0	0
137392	26632	299.5	0.995	3.8	0.4	312.5	0	0	90.8	90.5	41.3	42.4	0	0
137393	26656	299.5	0.956	3.8	0	312.5	0	0	90.6	90.6	41.3	42.4	0	0
137394	26684	299	1.002	3.8	0.4	312.5	0	0	90.6	90.6	41.3	42.4	0	0
137395	26704	299.5	0.981	3.8	0.4	312.5	0	0	90.8	90.5	41.3	42.2	0	0
137396	26728	299	0.965	3.8	0.4	312.5	0	0	90.8	90.5	41.3	42.2	0	0
137397	26752	299	0.951	3.8	0.4	312.5	0	0	90.9	90.3	41.3	42.1	0	0
137398	26776	299.5	0.951	3.6	0.4	312.5	0	0	90.9	90.3	41.3	42.1	0	0
137399	26792	299	0.976	3.6	0.4	312.5	0	0	90.9	90.5	41.3	42.2	0	0
137400	26820	299	0.94	3.6	0	312.5	0	0	90.9	90.5	41.3	42.2	0	0
137401	26836	299.5	0.997	3.6	0	312.5	0	0	90.9	90.5	41.3	42.4	0	0
137402	26864	298.5	0.951	3.6	0	312.5	0	0	90.9	90.5	41.4	42.4	0	0
137403	26892	299	1.022	3.6	0.4	312.5	0	0	90.8	90.6	41.4	42.4	0	0
137404	26908	299	0.976	3.6	0.4	312.5	0	0	90.8	90.6	41.4	42.4	0	0
137405	26936	299	0.956	3.6	0.4	312.5	0	0	90.9	90.5	41.4	42.4	0	0
137406	26960	299.5	0.96	3.8	0.4	312.5	0	0	90.9	90.5	41.4	42.4	0	0
137407	26972	299	0.981	3.6	0.4	312.5	0	0	90.8	90.5	41.4	42.4	0	0
137408	27004	298.5	0.951	3.6	0.4	312.5	0	0	90.8	90.5	41.4	42.4	0	0
137409	27016	298	0.96	3.6	0	312.2	0	0	90.9	90.5	41.4	42.4	0	0
137410	27044	298	0.96	3.6	0.4	312.2	0	0	90.9	90.5	41.3	42.4	0	0
137411	27056	298.5	0.944	3.6	0	312.2	0	0	90.8	90.5	41.3	42.2	0	0
137412	27088	298.5	0.976	3.6	0	312.2	0	0	90.8	90.5	41.3	42.2	0	0
137413	27100	299	0.956	3.4	0	312.2	0	0	90.6	90.5	41.3	42.2	0	0
137414	27120	299	0.976	3.4	0	311.8	0	0	90.6	90.5	41.3	42.2	0	0
137415	27140	299	0.96	3.4	0.7	311.8	0	0	90.6	90.5	41.3	42.2	0	0
137416	27164	299	0.96	3.4	2.1	311.8	0	0	90.6	90.5	41.3	42.2	0	0
137417	27188	299.5	0.96	3.4	3.5	312.2	0	0	90.9	90.5	41.3	42.2	0	0
137418	27196	299.5	0.986	3.6	5.6	312.2	0	0	90.9	90.5	41.3	42.2	0	0
137419	27228	299.5	1.027	3.6	6.3	312.5	0	0	90.6	90.5	41.3	42.2	0	0
137420	27244	299.5	1.011	3.6	6.3	312.9	0	0	90.6	90.5	41.3	42.2	0	0
137421	27268	299.5	0.995	3.6	6.3	313.2	0	0	90.6	90.5	41.3	42.2	0	0
137422	27292	299.5	0.999	3.6	6.7	313.2	0	0	90.6	90.5	41.3	42.2	0	0
137423	27316	300	0.983	3.8	6.7	313.6	0	0	90.6	90.5	41.3	42.2	0	0
137424	27336	300	0.963	3.8	6.7	313.9	0	0	90.6	90.5	41.3	42.2	0	0
137425	27364	300	0.972	3.8	6.7	313.9	0	0	90.8	90.6	41.3	42.2	0	0
137426	27380	300.5	1.013	3.8	7	314.3	0	0	90.8	90.6	41.3	42.2	0	0
137427	27408	300	0.988	3.8	7	314.6	0	0	90.6	90.5	41.3	42.2	0	0
137428	27432	300.5	0.979	3.8	7	315	0	0	90.6	90.5	41.3	42.2	0	0
137429	27452	300.5	1.013	3.8	7.4	315.3	0	0	90.8	90.6	41.3	42.2	0	0
137430	27484	300.5	1.008	4	7	315.3	0	0	90.8	90.6	41.3	42.2	0	0
137431	27504	301	0.979	4	7.4	315.7	0	0	90.6	90.5	41.3	42.2	0	0
137432	27528	301	0.979	4	7.4	316.1	0	0	90.6	90.5	41.3	42.2	0	0
137433	27560	301	1.013	4	7.4	316.4	0	0	90.6	90.6	41.3	42.2	0	0
137434	27588	301	1.008	4.1	7.4	316.4	0	0	90.6	90.6	41.3	42.2	0	0
137435	27616	301	0.988	4.1	7.4	316.8	0	0	90.8	90.6	41.3	42.2	0	0
137436	27644	301	0.988	4.1	7.4	317.1	0	0	90.8	90.6	41.3	42.2	0	0
137437	27680	301	0.992	4.1	7.4	317.5	0	0	90.6	90.6	41.3	42.2	0	0
137438	27708	301	0.988	4.3	7.4	317.5	0	0	90.6	90.6	41.2	42.2	0	0
137439	27732	300.5	0.967	4.3	7.4	317.8	0	0	90.6	90.5	41.2	42.1	0	0
137440	27764	300.5	1.002	4.3	7.4	318.2	0	0	90.6	90.5	41.2	42.1	0	0
137441	27792	300	0.974	4.3	7.4	318.5	0	0	90.6	90.6	41.2	42.1	0	0
137442	27824	300	0.956	4.3	7.4	318.5	0	0	90.6	90.6	41	42.1	0	0
137443	27848	300	0.944	4.1	7.4	318.9	0	0	90.8	90.6	41	42.1	0	0
137444	27880	300	0.96	4.1	7.4	319.2	0	0	90.8	90.6	41	42.1	0	0
137445	27912	299.5	0.956	4.1	7.4	319.6	0	0	90.6	90.5	41	42.1	0	0
137446	27932	299.5	0.956	4	7.4	319.9	0	0	90.6	90.5	41	42.1	0	0

137447	27960	299	0.965	4	7.4	319.9	0	0	90.5	90.5	41	42	0	0
137448	27984	299	0.97	4	7.4	320.3	0	0	90.5	90.5	40.9	42	0	0
137449	28020	299	0.965	4	7.4	320.6	0	0	90.6	90.5	40.9	42	0	0
137450	28040	299	0.96	4	7.4	321	0	0	90.6	90.5	40.9	42	0	0
137451	28068	298.5	0.981	4	7.4	321.3	0	0	90.3	90.5	40.9	42	0	0
137452	28092	298.5	0.97	4	7.7	321.3	0	0	90.3	90.5	40.8	42	0	0
137453	28116	298.5	0.956	3.8	7.7	321.7	0	0	90.5	90.5	40.8	41.9	0	0
137454	28136	298.5	0.949	3.8	7.7	322	0	0	90.5	90.5	40.8	41.9	0	0
137455	28160	298.5	0.956	3.6	7.7	322.4	0	0	90.6	90.5	40.8	41.9	0	0
137456	28184	298.5	0.974	3.6	7.7	322.7	0	0	90.6	90.5	40.8	41.9	0	0
137457	28208	299	0.942	3.6	7.7	322.7	0	0	90.6	90.5	40.8	41.9	0	0
137458	28232	299	0.992	3.6	8.1	323.1	0	0	90.6	90.5	40.9	41.9	0	0
137459	28252	299	1.018	3.6	8.1	323.4	0	0	90.8	90.5	40.9	41.9	0	0
137460	28268	299	0.983	3.6	8.1	323.8	0	0	90.8	90.5	40.9	41.9	0	0
137461	28296	298.5	0.972	3.6	8.1	324.1	0	0	90.6	90.5	40.9	41.9	0	0
137462	28316	299	1.013	3.8	8.1	324.5	0	0	90.6	90.5	40.9	41.9	0	0
137463	28336	298.5	0.967	3.8	7.7	324.8	0	0	90.8	90.5	40.9	41.8	0	0
137464	28356	298.5	0.947	3.6	7.7	324.8	0	0	90.8	90.5	40.9	41.8	0	0
137465	28384	298.5	0.942	3.6	7.7	325.2	0	0	90.6	90.5	40.9	41.8	0	0
137466	28408	298.5	0.97	3.6	7.7	325.5	0	0	90.6	90.5	40.9	41.8	0	0
137467	28428	298.5	0.935	3.6	7.7	325.9	0	0	90.8	90.3	40.9	41.6	0	0
137468	28452	298.5	0.965	3.6	7.7	325.9	0	0	90.8	90.3	40.9	41.6	0	0
137469	28472	298.5	0.986	3.6	7.7	326.2	0	0	90.6	90.5	40.9	41.6	0	0
137470	28496	298.5	0.976	3.6	7.7	326.6	0	0	90.6	90.5	40.9	41.6	0	0
137471	28516	298	0.96	3.6	7.7	327	0	0	90.8	90.5	40.9	41.6	0	0
137472	28536	298	0.965	3.6	7.7	327.3	0	0	90.8	90.5	40.8	41.6	0	0
137473	28556	298	0.981	3.4	7.7	327.7	0	0	90.5	90.5	40.8	41.6	0	0
137474	28584	298	0.963	3.4	7.7	328	0	0	90.5	90.5	40.8	41.6	0	0
137475	28596	298	0.979	3.4	7.7	328.4	0	0	90.5	90.5	40.8	41.5	0	0
137476	28624	298	0.951	3.4	7.7	328.7	0	0	90.5	90.5	40.8	41.5	0	0
137477	28640	298	0.947	3.4	8.1	329.1	0	0	90.6	90.5	40.8	41.4	0	0
137478	28652	298	0.947	3.4	8.1	329.1	0	0	90.6	90.5	40.7	41.4	0	0
137479	28672	297.5	0.958	3.4	8.1	329.4	0	0	90.6	90.5	40.7	41.4	0	0
137480	28692	297.5	0.963	3.4	8.1	329.8	0	0	90.6	90.5	40.7	41.4	0	0
137481	28716	297.5	0.972	3.4	8.1	330.1	0	0	90.5	90.5	40.7	41.4	0	0
137482	28732	297	0.972	3.3	8.1	330.5	0	0	90.5	90.5	40.6	41.4	0	0
137483	28744	297	0.963	3.3	8.1	330.8	0	0	90.8	90.5	40.6	41.4	0	0
137484	28764	297	0.976	3.3	8.1	331.2	0	0	90.8	90.5	40.6	41.4	0	0
137485	28780	297	0.983	3.3	7.4	331.5	0	0	90.6	90.5	40.6	41.4	0	0
137486	28796	297	0.983	3.3	5.6	331.5	0	0	90.6	90.5	40.6	41.4	0	0
137487	28812	297.5	0.947	3.1	4.2	331.9	0	0	90.6	90.5	40.6	41.4	0	0
137488	28828	297.5	0.937	3.1	3.2	331.9	0	0	90.6	90.5	40.6	41.4	0	0
137489	28844	297	0.931	3.1	2.1	331.9	0	0	90.6	90.5	40.6	41.4	0	0
137490	28860	297.5	0.947	2.9	1.4	331.9	0	0	90.6	90.5	40.6	41.4	0	0
137491	28872	296.5	0.942	2.9	1.1	331.9	0	0	90.5	90.5	40.6	41.3	0	0
137492	28876	297.5	0.976	2.9	0.4	331.9	0	0	90.5	90.5	40.6	41.3	0	0
137493	28896	297.5	0.944	2.9	0.4	331.9	0	0	90.3	90.5	40.6	41.3	0	0
137494	28912	297.5	0.981	3.1	0	331.9	0	0	90.3	90.5	40.6	41.3	0	0
137495	28920	297	0.97	2.9	-0.3	331.9	0	0	90.5	90.5	40.6	41.4	0	0
137496	28936	297.5	0.97	2.9	0	331.9	0	0	90.5	90.5	40.6	41.4	0	0
137497	28952	297.5	0.96	2.9	0	331.9	0	0	90.6	90.5	40.6	41.4	0	0
137498	28968	298	0.976	2.9	0	331.9	0	0	90.6	90.5	40.6	41.4	0	0
137499	28980	298	0.981	2.9	0	331.9	0	0	90.5	90.5	40.6	41.4	0	0
137500	28992	298.5	0.956	2.9	0	331.9	0	0	90.5	90.5	40.4	41.4	0	0
137501	29004	298.5	0.97	2.9	0	331.9	0	0	90.5	90.3	40.4	41.4	0	0
137502	29016	299	0.986	2.9	0	331.9	0	0	90.5	90.3	40.4	41.4	0	0
137503	29036	298.5	0.995	3.1	0	331.9	0	0	90.6	90.5	40.4	41.4	0	0
137504	29044	299	0.995	3.1	0	331.9	0	0	90.6	90.5	40.4	41.4	0	0
137505	29064	298.5	0.995	3.3	0	331.9	0	0	90.5	90.5	40.4	41.4	0	0
137506	29076	299	0.97	3.3	0	331.9	0	0	90.5	90.5	40.4	41.4	0	0
137507	29096	299	0.956	3.1	0	331.9	0	0	90.3	90.5	40.4	41.3	0	0
137508	29108	299	0.976	3.1	0.4	331.9	0	0	90.3	90.5	40.4	41.3	0	0
137509	29128	298.5	0.974	3.1	0.4	331.9	0	0	90.6	90.5	40.4	41.2	0	0
137510	29132	298.5	0.967	3.1	0.4	331.9	0	0	90.6	90.5	40.3	41.2	0	0
137511	29160	298.5	0.967	3.3	0.4	331.9	0	0	90.3	90.1	40.3	41.2	0	0
137512	29180	299	0.979	3.3	0.4	331.9	0	0	90.3	90.1	40.3	41.2	0	0
137513	29192	299	0.953	3.3	0.4	331.9	0	0	90.3	90.3	40.3	41	0	0
137514	29204	299	0.953	3.3	0.4	331.9	0	0	90.3	90.3	40.3	41	0	0
137515	29224	299	0.979	3.3	0.4	331.9	0	0	90.5	90.3	40.3	41	0	0
137516	29236	299	0.958	3.1	0.4	331.9	0	0	90.5	90.3	40.3	41	0	0
137517	29252	298.5	0.953	3.1	0	331.9	0	0	90.3	90.3	40.3	41	0	0

137518	29276	299	0.988	3.1	0.4	331.9	0	0	90.3	90.3	40.2	41	0	0
137519	29288	298.5	1.013	3.1	0.4	331.9	0	0	90.5	90.3	40.2	41	0	0
137520	29308	298.5	1.018	3.3	0	331.9	0	0	90.5	90.3	40.2	41	0	0
137521	29324	298.5	0.951	3.3	0	331.9	0	0	90.5	90.3	40.2	41	0	0
137522	29336	298.5	0.983	3.3	0.4	331.9	0	0	90.5	90.3	40.1	41	0	0
137523	29348	298.5	0.937	3.3	0.4	331.9	0	0	90.5	90.5	40.1	40.9	0	0
137524	29368	298	0.942	3.1	0.4	331.9	0	0	90.5	90.5	40.1	40.9	0	0
137525	29388	298	0.951	3.1	0.4	331.9	0	0	90.5	90.3	40.1	40.9	0	0
137526	29404	297.5	0.917	2.9	0.4	332.2	0	0	90.5	90.3	40.1	40.9	0	0
137527	29416	298	0.926	2.9	0.7	332.2	0	0	90.1	90.3	40.1	40.9	0	0
137528	29428	298	0.967	2.9	0.4	332.2	0	0	90.1	90.3	40.1	40.9	0	0
137529	29448	298.5	0.926	2.7	0.4	332.2	0	0	90.3	90.3	40.1	40.9	0	0
137530	29452	298.5	0.951	2.7	0.4	332.2	0	0	90.3	90.3	40.1	40.9	0	0
137531	29468	298	0.963	2.7	0.4	332.2	0	0	90.6	90.3	40.1	40.9	0	0
137532	29480	298.5	0.942	2.7	0.4	332.2	0	0	90.6	90.3	40.3	40.9	0	0
137533	29492	298.5	0.988	2.9	0.4	332.2	0	0	90.6	90.3	40.3	40.9	0	0
137534	29500	298.5	0.979	2.9	0.4	332.2	0	0	90.6	90.3	40.3	40.9	0	0
137535	29516	298.5	0.974	2.9	0.4	332.2	0	0	90.6	90.3	40.3	40.9	0	0
137536	29532	299	0.981	2.9	0.4	332.2	0	0	90.6	90.3	40.4	40.9	0	0
137537	29548	299	0.99	2.9	0.4	332.2	0	0	90.5	90.3	40.4	40.9	0	0
137538	29560	299	0.96	3.1	0.4	332.2	0	0	90.5	90.3	40.4	40.9	0	0
137539	29572	299	0.986	3.1	0.4	332.2	0	0	90.6	90.3	40.4	40.9	0	0
137540	29584	299	0.965	2.9	0.4	332.2	0	0	90.6	90.3	40.4	40.9	0	0
137541	29600	299	0.981	3.1	0.4	332.2	0	0	90.3	90.5	40.4	41	0	0
137542	29612	299	0.974	3.1	0	332.2	0	0	90.3	90.5	40.3	41	0	0
137543	29624	298.5	0.965	2.9	0.4	332.2	0	0	90.6	90.5	40.3	41	0	0
137544	29640	299	0.94	3.1	0.4	332.2	0	0	90.6	90.5	40.3	41	0	0
137545	29656	299	0.94	3.1	0	332.2	0	0	90.6	90.3	40.3	41	0	0
137546	29664	299.5	0.96	3.1	0.4	332.2	0	0	90.6	90.3	40.3	41	0	0
137547	29672	299.5	0.976	3.1	0.4	332.2	0	0	90.6	90.5	40.3	41	0	0
137548	29700	299.5	1.006	3.1	0.4	332.2	0	0	90.6	90.5	40.3	41	0	0
137549	29712	299.5	0.96	3.1	0.4	332.2	0	0	90.5	90.3	40.3	41	0	0
137550	29732	299.5	0.97	3.1	0.4	332.2	0	0	90.5	90.3	40.3	41	0	0
137551	29752	299.5	0.986	3.1	0.4	332.2	0	0	90.3	90.5	40.3	41	0	0
137552	29752	300	0.99	3.1	0.4	332.2	0	0	90.3	90.5	40.3	41	0	0
137553	29784	300	0.986	3.3	0.4	332.2	0	0	90.3	90.3	40.3	41	0	0
137554	29800	300	0.995	3.3	0.4	332.2	0	0	90.3	90.3	40.3	41	0	0
137555	29816	300	1.011	3.3	0.4	332.2	0	0	90.5	90.3	40.3	41	0	0
137556	29832	300	0.986	3.3	0.4	332.2	0	0	90.5	90.3	40.3	41	0	0
137557	29848	300	0.96	3.3	0	332.2	0	0	90.5	90.5	40.3	41	0	0
137558	29868	299.5	0.99	3.3	0.4	332.2	0	0	90.5	90.5	40.3	41	0	0
137559	29892	300	0.965	3.3	0	332.2	0	0	90.5	90.3	40.3	41	0	0
137560	29904	300	0.965	3.3	0	332.2	0	0	90.5	90.3	40.3	41	0	0
137561	29924	300	0.972	3.3	0.4	332.2	0	0	90.3	90.5	40.3	41	0	0
137562	29940	300	0.972	3.3	0.4	332.2	0	0	90.3	90.5	40.2	41	0	0
137563	29968	300.5	0.992	3.3	0	332.2	0	0	90.3	90.5	40.2	41	0	0
137564	29980	300.5	0.967	3.3	0.4	332.2	0	0	90.3	90.5	40.2	41	0	0
137565	29996	300.5	0.992	3.4	0.4	331.9	0	0	90.5	90.5	40.2	40.9	0	0
137566	30012	300	1.004	3.4	0.4	331.9	0	0	90.5	90.5	40.1	40.9	0	0
137567	30044	300	0.988	3.4	0.4	331.9	0	0	90.5	90.3	40.1	40.9	0	0
137568	30060	300	0.958	3.4	0.4	331.9	0	0	90.5	90.3	40.1	40.9	0	0
137569	30088	299.5	0.972	3.4	0	331.9	0	0	90.5	90.5	40.1	40.8	0	0
137570	30100	299.5	0.963	3.4	0.4	331.9	0	0	90.5	90.5	40.1	40.8	0	0
137571	30124	299.5	0.972	3.4	0.4	331.9	0	0	90.5	90.5	40.1	40.8	0	0
137572	30148	299	0.937	3.4	0.4	331.9	0	0	90.5	90.5	40	40.8	0	0
137573	30168	299	0.958	3.3	0.4	331.9	0	0	90.5	90.5	40	40.7	0	0
137574	30184	299	0.921	3.3	0.7	331.5	0	0	90.5	90.5	39.9	40.7	0	0
137575	30200	299	0.951	3.3	0	331.5	0	0	90.5	90.3	39.9	40.7	0	0
137576	30208	300	0.921	3.3	0	331.5	0	0	90.5	90.3	39.9	40.7	0	0
137577	30240	300	0.912	3.1	0	331.5	0	0	90.3	90.3	39.9	40.7	0	0
137578	30252	299.5	0.972	3.3	0.7	331.5	0	0	90.3	90.3	39.7	40.7	0	0
137579	30272	299.5	0.979	3.3	0.4	331.5	0	0	90.1	90.5	39.7	40.6	0	0
137580	30284	299	0.921	3.1	0.4	331.2	0	0	90.1	90.5	39.7	40.6	0	0
137581	30304	299.5	0.958	3.3	0	331.2	0	0	90.3	90.3	39.7	40.6	0	0
137582	30324	299	0.967	3.3	0.4	331.5	0	0	90.3	90.3	39.6	40.6	0	0
137583	30344	299	1.008	3.3	0.7	331.2	0	0	90.5	90.5	39.6	40.4	0	0
137584	30356	299	0.958	3.3	0.4	331.2	0	0	90.5	90.5	39.6	40.4	0	0
137585	30372	299	0.937	3.3	0.4	331.2	0	0	90.5	90.3	39.6	40.4	0	0
137586	30392	298.5	0.972	3.1	0.4	331.2	0	0	90.5	90.3	39.5	40.4	0	0
137587	30408	298.5	0.956	3.1	0	331.2	0	0	90.1	90.3	39.5	40.4	0	0
137588	30428	298.5	0.924	3.1	0.4	331.2	0	0	90.1	90.3	39.5	40.4	0	0

137589	30440	298	0.96	2.9	0.4	331.2	0	0	90.5	90.5	39.5	40.4	0	0
137590	30452	298.5	0.97	2.9	0	331.2	0	0	90.5	90.5	39.5	40.4	0	0
137591	30472	298.5	0.99	2.9	0.4	331.2	0	0	90.1	90.5	39.5	40.4	0	0
137592	30492	298.5	0.986	3.1	0.4	331.2	0	0	90.1	90.5	39.4	40.4	0	0
137593	30496	298.5	0.96	3.1	0.4	330.8	0	0	90.5	90.5	39.4	40.3	0	0
137594	30512	298	0.935	3.1	0.4	330.8	0	0	90.5	90.5	39.4	40.3	0	0
137595	30524	297.5	0.97	2.9	0.4	330.8	0	0	90.5	90.3	39.4	40.2	0	0
137596	30548	298	0.937	2.9	0.4	330.8	0	0	90.5	90.3	39.4	40.2	0	0
137597	30556	298	0.953	2.9	0.4	330.8	0	0	90.5	90.3	39.4	40.2	0	0
137598	30568	298	0.933	2.7	0.4	330.8	0	0	90.5	90.3	39.3	40.2	0	0
137599	30584	297.5	0.933	2.7	0.4	330.8	0	0	90.6	90.3	39.3	40.1	0	0
137600	30592	297.5	0.947	2.5	0.4	330.8	0	0	90.6	90.3	39.3	40.1	0	0
137601	30608	297.5	0.947	2.5	0.4	331.2	0	0	90.5	90.3	39.3	40.1	0	0
137602	30620	297.5	1.004	2.7	0.4	331.2	0	0	90.5	90.3	39.3	40.1	0	0
137603	30624	298	0.979	2.7	0.4	331.2	0	0	90.5	90.3	39.3	40.1	0	0
137604	30636	298.5	0.983	2.7	0.4	331.2	0	0	90.5	90.3	39.3	40.1	0	0
137605	30644	298	0.967	2.7	0.4	331.2	0	0	90.3	90.3	39.3	40	0	0
137606	30652	298.5	0.988	2.7	0.4	331.2	0	0	90.3	90.3	39.3	40	0	0
137607	30668	298.5	1.008	2.7	0.4	331.2	0	0	90.3	90	39.3	40	0	0
137608	30676	298.5	0.963	2.7	0.4	331.2	0	0	90.3	90	39.3	40	0	0
137609	30692	298.5	0.992	2.7	0	331.2	0	0	90.5	89.8	39.3	39.5	0	0
137610	30700	298.5	0.979	2.7	0.4	331.2	0	0	90.5	89.8	39.3	39.5	0	0
137611	30716	298.5	0.988	2.7	0.4	331.2	0	0	90.5	89.8	39.3	39.3	0	0
137612	30724	299	0.967	2.7	0.4	331.2	0	0	90.5	89.8	39.3	39.3	0	0
137613	30736	299	1.011	2.7	0.4	331.2	0	0	90.1	90	39.3	39.3	0	0
137614	30748	299	1.011	2.7	0	331.2	0	0	90.1	90	39.3	39.3	0	0
137615	30756	299	0.974	2.9	0	331.2	0	0	90.3	90	39.3	39.3	0	0
137616	30776	299	0.986	2.9	0	331.2	0	0	90.3	90	39.3	39.3	0	0
137617	30788	299	0.965	2.9	0	331.2	0	0	90.3	89.8	39.3	39.3	0	0
137618	30800	299	0.97	2.9	0	331.2	0	0	90.3	89.8	39.3	39.3	0	0
137619	30816	299	0.956	2.9	0	331.2	0	0	90.1	90	39.3	39.3	0	0
137620	30820	299	0.995	2.9	0	331.2	0	0	90.1	90	39.3	39.3	0	0
137621	30836	298.5	0.995	3.1	0	331.2	0	0	90.3	89.8	39.3	39.3	0	0
137622	30856	298.5	0.976	3.1	0	331.2	0	0	90.3	89.8	39.1	39.3	0	0
137623	30868	298.5	0.965	3.1	0	331.2	0	0	90.1	90	39.1	39.3	0	0
137624	30880	298.5	0.99	3.1	0	331.2	0	0	90.1	90	39	39.3	0	0
137625	30900	298.5	1.002	3.1	0	331.2	0	0	90.3	90	39	39.3	0	0
137626	30916	298.5	0.97	3.1	0.4	331.2	0	0	90.3	90	39	39.3	0	0
137627	30932	298.5	0.96	3.1	0.4	331.2	0	0	90.3	90	39	39.3	0	0
137628	30944	298.5	0.99	3.1	0.4	331.2	0	0	90.3	90	39	39.3	0	0
137629	30968	298.5	0.981	3.1	0.4	331.2	0	0	90	90	39	39.4	0	0
137630	30980	298.5	0.992	3.1	0.4	331.2	0	0	90	90	38.9	39.4	0	0
137631	31000	298.5	0.988	3.3	0.4	331.2	0	0	90.1	90	38.9	39.4	0	0
137632	31020	298.5	1.004	3.3	0.4	331.2	0	0	90.1	90	38.9	39.4	0	0
137633	31032	298	0.992	3.3	0	331.2	0	0	90.1	90.1	38.9	39.4	0	0
137634	31052	297.5	0.983	3.3	0	331.2	0	0	90.1	90.1	38.9	39.4	0	0
137635	31068	297.5	0.963	3.3	0	331.2	0	0	90	90.1	38.9	39.4	0	0
137636	31084	297.5	0.958	3.3	0	331.2	0	0	90	90.1	38.8	39.4	0	0
137637	31104	297.5	0.979	3.3	0	331.2	0	0	90.1	90.1	38.8	39.5	0	0
137638	31124	297	0.967	3.3	0	331.2	0	0	90.1	90.1	38.8	39.5	0	0
137639	31144	297	0.96	3.3	0.4	331.2	0	0	90.1	90.1	38.8	39.5	0	0
137640	31160	297	0.956	3.3	0.4	331.2	0	0	90.1	90.1	38.7	39.5	0	0
137641	31176	297	0.97	3.3	0.4	331.2	0	0	90	90.1	38.7	39.5	0	0
137642	31200	297	0.976	3.3	0.4	331.2	0	0	90	90.1	38.7	39.5	0	0
137643	31208	296.5	0.949	3.3	0.4	331.2	0	0	90	90.1	38.7	39.4	0	0
137644	31228	296.5	0.986	3.3	0.4	331.2	0	0	90	90.1	38.5	39.4	0	0
137645	31248	296.5	0.986	3.3	0.4	331.2	0	0	90.1	90.1	38.5	39.4	0	0
137646	31268	296.5	0.96	3.3	0.4	331.2	0	0	90.1	90.1	38.5	39.4	0	0
137647	31280	297	0.995	3.3	0.4	331.2	0	0	90.3	90.1	38.5	39.3	0	0
137648	31300	296.5	0.956	3.3	0	331.2	0	0	90.3	90.1	38.5	39.3	0	0
137649	31316	296.5	0.956	3.3	0	331.2	0	0	90.3	90.1	38.5	39.3	0	0
137650	31332	296.5	0.97	3.3	0	331.2	0	0	90.3	90.1	38.5	39.3	0	0
137651	31360	296.5	0.99	3.3	0	331.2	0	0	90.3	90.1	38.5	39.3	0	0
137652	31380	296.5	0.99	3.4	0	331.2	0	0	90.3	90.1	38.7	39.3	0	0
137653	31396	296.5	1.002	3.4	0.4	331.2	0	0	90.5	90.3	38.7	39.4	0	0
137654	31416	296.5	0.99	3.4	0.4	331.2	0	0	90.5	90.3	38.8	39.4	0	0
137655	31436	296	1.002	3.4	0	331.2	0	0	90.3	90.3	38.8	39.4	0	0
137656	31460	296	0.967	3.6	0	331.2	0	0	90.3	90.3	38.8	39.4	0	0
137657	31484	295.5	0.979	3.6	0.4	331.2	0	0	90.5	90.3	38.8	39.4	0	0
137658	31500	295.5	0.983	3.6	0	331.2	0	0	90.5	90.3	38.8	39.4	0	0
137659	31520	295	0.953	3.6	0	331.2	0	0	90	90.3	38.8	39.4	0	0

137660	31544	295	0.967	3.6	0	331.2	0	0	90	90.3	38.7	39.4	0	0
137661	31568	295	0.979	3.6	0	331.2	0	0	90.3	90.3	38.7	39.4	0	0
137662	31588	294.5	0.963	3.6	0	331.2	0	0	90.3	90.3	38.5	39.4	0	0
137663	31612	294.5	0.953	3.6	0	331.5	0	0	90.3	90.3	38.5	39.3	0	0
137664	31632	294.5	0.979	3.6	0	331.5	0	0	90.3	90.3	38.4	39.3	0	0
137665	31660	294	0.974	3.6	0.4	331.5	0	0	90.1	90.1	38.4	39.3	0	0
137666	31676	294	0.965	3.4	0	331.5	0	0	90.1	90.1	38.4	39.3	0	0
137667	31692	294	0.965	3.4	0.4	331.5	0	0	90.1	90.1	38.4	39.3	0	0
137668	31716	293.5	0.981	3.4	0	331.5	0	0	90.1	90.1	38.3	39.3	0	0
137669	31740	294	0.956	3.4	0	331.5	0	0	90.1	90.1	38.3	39.1	0	0
137670	31768	293.5	0.99	3.6	0	331.5	0	0	90.1	90.1	38.2	39.1	0	0
137671	31784	293.5	0.974	3.6	0	331.5	0	0	90	90.1	38.2	39.1	0	0
137672	31804	293.5	0.949	3.4	0.4	331.2	0	0	90	90.1	38.2	39.1	0	0
137673	31820	293	0.965	3.6	0.4	331.5	0	0	90.1	90.1	38.2	39	0	0
137674	31836	293	0.983	3.6	0.4	331.5	0	0	90.1	90.1	38.1	39	0	0
137675	31856	293	0.967	3.6	0.4	331.5	0	0	90.1	90.3	38.1	39	0	0
137676	31888	292.5	0.974	3.6	0	331.2	0	0	90.1	90.3	38.1	39	0	0
137677	31908	292	0.988	3.6	0	331.2	0	0	90.1	90.1	38.1	38.8	0	0
137678	31932	292	0.947	3.6	0	331.2	0	0	90.1	90.1	37.9	38.8	0	0
137679	31952	292	0.942	3.6	0	331.2	0	0	90	90.1	37.9	38.8	0	0
137680	31972	292	0.974	3.6	0.4	331.5	0	0	90	90.1	37.8	38.8	0	0
137681	31988	291.5	0.947	3.4	0.4	331.5	0	0	90	90.1	37.8	38.8	0	0
137682	32016	291.5	0.947	3.4	0.4	331.5	0	0	90	90.1	37.7	38.8	0	0
137683	32036	291.5	0.928	3.4	0.4	331.5	0	0	89.8	90.1	37.7	38.7	0	0
137684	32056	291	0.958	3.4	0.4	331.5	0	0	89.8	90.1	37.7	38.7	0	0
137685	32076	291	0.974	3.4	0	331.5	0	0	90	90.1	37.7	38.7	0	0
137686	32096	291	0.974	3.4	0.4	331.5	0	0	90	90.1	37.6	38.7	0	0
137687	32112	291	0.988	3.4	0.4	331.5	0	0	90	90.1	37.6	38.5	0	0
137688	32128	290.5	0.947	3.4	0.4	331.5	0	0	90	90.1	37.6	38.5	0	0
137689	32148	290	0.983	3.4	0.4	331.5	0	0	90	90.1	37.6	38.5	0	0
137690	32172	290	0.942	3.4	0.4	331.5	0	0	90	90.1	37.5	38.5	0	0
137691	32196	289.5	0.986	3.4	0.4	331.5	0	0	90.1	90.1	37.5	38.4	0	0
137692	32208	289.5	0.956	3.4	0	331.5	0	0	90.1	90.1	37.5	38.4	0	0
137693	32224	289.5	0.944	3.3	0	331.5	0	0	90	90.1	37.5	38.3	0	0
137694	32252	289.5	0.949	3.3	0	331.5	0	0	90	90.1	37.6	38.3	0	0
137695	32260	289.5	0.928	3.3	0	331.5	0	0	90.3	90.1	37.6	38.3	0	0
137696	32276	289.5	0.944	3.3	0	331.5	0	0	90.3	90.1	37.6	38.3	0	0
137697	32304	289.5	0.986	3.3	0	331.5	0	0	90.3	90.1	37.6	38.3	0	0
137698	32316	289.5	1.006	3.3	0	331.5	0	0	90.3	90.1	37.7	38.3	0	0
137699	32332	289.5	1.006	3.3	0.4	331.5	0	0	90	90.1	37.7	38.3	0	0
137700	32348	289	0.986	3.4	0.4	331.5	0	0	90	90.1	37.7	38.3	0	0
137701	32368	288.5	0.986	3.4	0.4	331.5	0	0	90.1	90.1	37.7	38.2	0	0
137702	32380	288.5	0.951	3.4	0.4	331.5	0	0	90.1	90.1	37.6	38.2	0	0
137703	32392	288.5	0.965	3.3	0	331.2	0	0	90	90.1	37.6	38.2	0	0
137704	32420	289	0.94	3.3	0	331.5	0	0	90	90.1	37.6	38.2	0	0
137705	32432	289	0.97	3.3	0	331.5	0	0	90.1	90.1	37.6	38.2	0	0
137706	32448	289	0.965	3.3	0.4	331.5	0	0	90.1	90.1	37.6	38.2	0	0
137707	32464	289	0.976	3.3	0.4	331.5	0	0	90.3	90.1	37.6	38.2	0	0
137708	32488	288.5	0.956	3.3	0.4	331.5	0	0	90.3	90.1	37.5	38.2	0	0
137709	32504	288	1.006	3.4	0.4	331.5	0	0	90	90.1	37.5	38.2	0	0
137710	32516	287.5	0.96	3.4	0.4	331.5	0	0	90	90.1	37.5	38.2	0	0
137711	32540	287	0.976	3.4	0	331.5	0	0	90	90.1	37.5	38.1	0	0
137712	32556	287.5	0.99	3.4	0	331.5	0	0	90	90.1	37.3	38.1	0	0
137713	32576	287.5	0.956	3.4	0	331.5	0	0	90.3	90.3	37.3	38.1	0	0
137714	32592	287.5	0.96	3.3	0	331.2	0	0	90.3	90.3	37.3	38.1	0	0
137715	32620	287.5	0.96	3.3	0	331.2	0	0	90.3	90.1	37.3	38.1	0	0
137716	32620	288	0.931	3.3	0	331.2	0	0	90.3	90.1	37.3	38.1	0	0
137717	32644	288	0.958	3.3	-0.3	331.2	0	0	90.1	90.1	37.3	38.2	0	0
137718	32656	287.5	0.958	3.3	0	331.2	0	0	90.1	90.1	37.3	38.2	0	0
137719	32688	287.5	1.013	3.4	0.4	331.2	0	0	90	90.1	37.3	38.1	0	0
137720	32700	287.5	1.008	3.4	0.4	331.2	0	0	90	90.1	37.2	38.1	0	0
137721	32716	287.5	1.008	3.4	0.4	331.2	0	0	90.1	90.1	37.2	38.1	0	0
137722	32740	287.5	0.979	3.6	0.4	331.2	0	0	90.1	90.1	37.2	38.1	0	0
137723	32748	287.5	0.963	3.6	0.4	331.2	0	0	90	90.1	37.2	38.1	0	0
137724	32776	287	0.967	3.6	0.4	331.2	0	0	90	90.1	37.1	38.1	0	0
137725	32796	287	0.967	3.6	0	331.2	0	0	90	90.1	37.1	38.1	0	0
137726	32812	287	0.979	3.6	0	331.2	0	0	90	90.1	37.1	38.1	0	0
137727	32840	287	0.967	3.4	0.4	331.2	0	0	90.1	90.1	37.1	38.1	0	0
137728	32868	287.5	0.967	3.4	0	331.2	0	0	90.1	90.1	37.1	38.1	0	0
137729	32872	287.5	1.008	3.6	0	331.2	0	0	90	90.1	37.1	37.9	0	0
137730	32900	287.5	1.008	3.6	0	331.2	0	0	90	90.1	37	37.9	0	0

137731	32920	287.5	0.979	3.8	0	330.8	0	0	90	90.1	37	37.9	0	0
137732	32936	287.5	0.988	3.8	0	331.2	0	0	90	90.1	37	37.9	0	0
137733	32960	287	1.008	3.8	0	331.2	0	0	89.8	90.1	37	37.8	0	0
137734	32992	287	0.997	4	0	330.8	0	0	89.8	90.1	36.9	37.8	0	0
137735	33016	287	0.988	4	0	330.8	0	0	89.8	90.1	36.9	37.8	0	0
137736	33044	286.5	0.976	4	0	330.8	0	0	89.8	90.1	36.9	37.8	0	0
137737	33072	286	0.976	4	0	330.8	0	0	90	90.1	36.9	37.7	0	0
137738	33092	286.5	0.972	4	0	330.8	0	0	90	90.1	36.8	37.7	0	0
137739	33120	286	0.983	4.1	0	330.8	0	0	89.8	90.1	36.8	37.6	0	0
137740	33152	286	0.972	4.1	0	330.8	0	0	89.8	90.1	36.8	37.6	0	0
137741	33176	286	0.951	4.1	0	330.8	0	0	90.1	90.1	36.8	37.6	0	0
137742	33200	286	1.029	4.1	0.4	330.8	0	0	90.1	90.1	36.6	37.6	0	0
137743	33232	285.5	0.97	4.1	0	330.8	0	0	90	90.1	36.6	37.5	0	0
137744	33260	285.5	0.981	4.1	0	330.8	0	0	90	90.1	36.5	37.5	0	0
137745	33284	285.5	0.99	4.1	0	330.8	0	0	89.8	90.1	36.5	37.3	0	0
137746	33308	285	0.995	4.1	0	330.8	0	0	89.8	90.1	36.5	37.3	0	0
137747	33336	285.5	0.96	4.1	0	330.5	0	0	90	90.1	36.5	37.3	0	0
137748	33360	285	0.949	4.3	0	330.5	0	0	90	90.1	36.4	37.3	0	0
137749	33400	285	0.949	4.3	0	330.5	0	0	89.7	90.1	36.4	37.3	0	0
137750	33416	284.5	0.99	4.3	0	330.5	0	0	89.7	90.1	36.3	37.3	0	0
137751	33448	284	0.986	4.3	0	330.5	0	0	90	90	36.3	37.2	0	0
137752	33480	284	0.981	4.3	0	330.5	0	0	90	90	36.2	37.2	0	0
137753	33516	284	0.986	4.3	0	330.5	0	0	89.8	90.1	36.2	37.2	0	0
137754	33532	284	1.011	4.5	0	330.5	0	0	89.8	90.1	36	37.2	0	0
137755	33576	283.5	0.965	4.5	0.4	330.5	0	0	89.7	90	36	37	0	0
137756	33608	283	0.94	4.5	0.4	330.5	0	0	89.7	90	36	37	0	0
137757	33640	283	0.974	4.5	0.4	330.5	0	0	89.8	90.1	36	36.9	0	0
137758	33672	282.5	0.949	4.5	0	330.1	0	0	89.8	90.1	36	36.9	0	0
137759	33696	282.5	0.97	4.5	0	330.1	0	0	90	90	36	36.9	0	0
137760	33732	282.5	0.949	4.5	0	330.1	0	0	90	90	35.9	36.9	0	0
137761	33764	282	0.944	4.5	0	330.1	0	0	90.1	90	35.9	36.8	0	0
137762	33800	282	0.94	4.5	0	330.1	0	0	90.1	90	35.9	36.8	0	0
137763	33824	282	0.96	4.3	0	330.1	0	0	90	90	35.9	36.6	0	0
137764	33856	281.5	0.986	4.5	0	330.1	0	0	90	90	35.9	36.6	0	0
137765	33876	281	0.99	4.5	0.4	330.1	0	0	89.8	90	35.9	36.6	0	0
137766	33924	281	0.99	4.7	0.4	330.1	0	0	89.8	90	35.9	36.6	0	0
137767	33944	280.5	0.99	4.7	0.4	330.1	0	0	90	90	35.9	36.6	0	0
137768	33976	280.5	0.94	4.5	0	330.1	0	0	90	90	35.9	36.6	0	0
137769	34012	280	0.951	4.5	0	330.1	0	0	90	90.1	35.9	36.5	0	0
137770	34048	279.5	0.94	4.5	0	330.1	0	0	90	90.1	35.8	36.5	0	0
137771	34076	279	0.931	4.5	0	330.1	0	0	89.8	90	35.8	36.4	0	0
137772	34112	279	0.931	4.3	0	330.1	0	0	89.8	90	35.7	36.4	0	0
137773	34132	279	0.919	4.3	0	330.1	0	0	89.7	90	35.7	36.4	0	0
137774	34172	279	0.935	4.3	0	330.1	0	0	89.7	90	35.6	36.4	0	0
137775	34196	278.5	0.956	4.3	0	330.1	0	0	89.8	90	35.6	36.4	0	0
137776	34224	278.5	1.002	4.5	0	330.1	0	0	89.8	90	35.4	36.4	0	0
137777	34260	278	0.976	4.5	0	330.1	0	0	89.8	90	35.4	36.3	0	0
137778	34288	278	0.988	4.5	0	330.1	0	0	89.8	90	35.3	36.3	0	0
137779	34316	277.5	0.988	4.5	0	330.1	0	0	89.8	90.1	35.3	36.2	0	0
137780	34352	277	0.963	4.5	0	329.8	0	0	89.8	90.1	35.3	36.2	0	0
137781	34384	276.5	0.912	4.3	0	329.8	0	0	89.8	90	35.3	36.2	0	0
137782	34404	276	0.942	4.3	0	329.8	0	0	89.8	90	35.2	36.2	0	0
137783	34440	276	0.917	4.3	0	329.8	0	0	89.7	90	35.2	36	0	0
137784	34468	275.5	0.963	4.3	0	329.8	0	0	89.7	90	35.2	36	0	0
137785	34492	275.5	0.942	4.1	0	329.8	0	0	89.8	90	35.2	35.9	0	0
137786	34520	275.5	0.924	4.1	0	329.8	0	0	89.8	90	35.2	35.9	0	0
137787	34540	275	0.931	4.1	0	329.8	0	0	90	90	35.2	35.9	0	0
137788	34568	275	0.949	4	0	329.8	0	0	90	90	35.2	35.9	0	0
137789	34596	275.5	0.981	4	0	329.8	0	0	89.8	90	35.2	35.9	0	0
137790	34612	275.5	0.965	4	0	329.8	0	0	89.8	90	35.2	35.9	0	0
137791	34640	275.5	0.986	4.1	0	329.8	0	0	90	90	35.2	35.9	0	0
137792	34664	275.5	0.976	4.1	0	329.8	0	0	90	90	35.2	35.9	0	0
137793	34696	276	0.986	4.1	0	329.8	0	0	89.7	90	35.2	35.9	0	0
137794	34708	275.5	0.99	4.1	0	329.8	0	0	89.7	90	35.2	35.9	0	0
137795	34736	275.5	0.983	4.3	0	329.4	0	0	90	90	35.2	35.9	0	0
137796	34776	275.5	0.992	4.3	0	329.4	0	0	90	90	35.1	35.9	0	0
137797	34800	275	0.999	4.3	0	329.4	0	0	89.7	90	35.1	35.8	0	0
137798	34828	275	0.988	4.5	0	329.4	0	0	89.7	90	35	35.8	0	0
137799	34852	275	0.983	4.5	0	329.4	0	0	90	90	35	35.7	0	0
137800	34884	274.5	1.004	4.5	0	329.4	0	0	90	90	35	35.7	0	0
137801	34912	274	0.951	4.5	0	329.4	0	0	89.7	90.1	35	35.7	0	0

137802	34936	273.5	0.958	4.5	0	329.4	0	0	89.7	90.1	34.8	35.7	0	0
137803	34976	273.5	0.942	4.5	0	329.4	0	0	89.5	90	34.8	35.7	0	0
137804	34996	273	0.949	4.3	0	329.4	0	0	89.5	90	34.7	35.7	0	0
137805	35028	273	0.986	4.3	0	329.4	0	0	89.7	90	34.7	35.6	0	0
137806	35060	272.5	0.96	4.3	0	329.4	0	0	89.7	90	34.6	35.6	0	0
137807	35084	272.5	0.974	4.3	0	329.4	0	0	89.7	90	34.6	35.4	0	0
137808	35112	272	0.949	4.3	0	329.4	0	0	89.7	90	34.6	35.4	0	0
137809	35132	271.5	0.995	4.3	0	329.4	0	0	89.7	90.1	34.6	35.4	0	0
137810	35160	271.5	0.956	4.3	0	329.4	0	0	89.7	90.1	34.5	35.4	0	0
137811	35196	271	0.965	4.3	0	329.4	0	0	89.5	90.1	34.5	35.3	0	0
137812	35216	271	0.942	4.3	0	329.1	0	0	89.5	90.1	34.5	35.3	0	0
137813	35248	270.5	0.958	4.1	0	329.4	0	0	89.5	90	34.5	35.3	0	0
137814	35268	270.5	0.963	4.1	0	329.4	0	0	89.5	90	34.5	35.3	0	0
137815	35300	270	0.951	4.1	0	329.4	0	0	89.7	90	34.5	35.2	0	0
137816	35320	270	0.967	4.1	0.4	329.1	0	0	89.7	90	34.5	35.2	0	0
137817	35336	270	0.958	4	0.4	329.1	0	0	89.7	90	34.5	35.2	0	0
137818	35364	270	0.958	4	0.4	329.1	0	0	89.7	90	34.5	35.2	0	0
137819	35384	270	0.926	4	0.4	329.1	0	0	89.7	90	34.5	35.2	0	0
137820	35408	269.5	0.951	4	0.4	329.1	0	0	89.7	90	34.5	35.2	0	0
137821	35424	270	0.976	4	0.4	329.1	0	0	89.7	90	34.5	35.2	0	0
137822	35460	270	0.94	4	0	329.1	0	0	89.7	90	34.5	35.2	0	0
137823	35484	270	0.976	4	0	329.1	0	0	89.7	90	34.5	35.2	0	0
137824	35500	270	1.006	4.1	0	329.1	0	0	89.7	90	34.5	35.2	0	0
137825	35524	270	0.986	4.1	0.4	329.1	0	0	89.5	90	34.5	35.1	0	0
137826	35540	269.5	0.986	4.1	0.4	329.1	0	0	89.5	90	34.5	35.1	0	0
137827	35572	269.5	0.976	4.1	0	329.1	0	0	89.7	90	34.5	35.1	0	0
137828	35596	269.5	0.986	4.1	0	329.1	0	0	89.7	90	34.4	35.1	0	0
137829	35616	269.5	0.965	4.1	0	329.1	0	0	89.5	90	34.4	35.1	0	0
137830	35640	269	0.963	4.1	0	329.1	0	0	89.5	90	34.4	35.1	0	0
137831	35664	269	0.963	4.1	-0.3	329.1	0	0	89.7	90	34.4	35	0	0
137832	35692	269	0.967	4.1	0	329.1	0	0	89.7	90	34.2	35	0	0
137833	35712	269	0.974	4.1	0	329.1	0	0	89.3	90	34.2	35	0	0
137834	35736	269	0.992	4.3	0	329.1	0	0	89.3	90	34.1	35	0	0
137835	35768	269	0.963	4.3	0	328.7	0	0	89.3	90	34.1	35	0	0
137836	35784	268.5	0.953	4.3	0	328.7	0	0	89.3	90	34.1	35	0	0
137837	35812	268	0.963	4.3	0	328.7	0	0	89.7	90	34.1	34.8	0	0
137838	35840	268	0.967	4.3	0	328.7	0	0	89.7	90	34	34.8	0	0
137839	35864	268	0.974	4.3	0	328.7	0	0	89.7	90	34	34.7	0	0
137840	35888	267.5	0.974	4.3	0	328.7	0	0	89.7	90	34	34.7	0	0
137841	35920	267	0.933	4.3	0.4	328.7	0	0	89.5	90	34	34.6	0	0
137842	35952	267	0.979	4.3	0.4	328.7	0	0	89.5	90	33.9	34.6	0	0
137843	35968	266.5	0.967	4.3	0.4	328.7	0	0	89.5	90	33.9	34.6	0	0
137844	35996	266.5	0.947	4.3	0.4	329.1	0	0	89.5	90	33.9	34.6	0	0
137845	36024	266.5	0.958	4.3	0.4	329.1	0	0	89.5	90	33.9	34.5	0	0
137846	36044	266.5	0.967	4.3	0.4	329.1	0	0	89.5	90	33.9	34.5	0	0
137847	36076	266	0.97	4.1	0.4	329.1	0	0	89.3	90	33.9	34.5	0	0
137848	36092	266	0.94	4.1	0	329.1	0	0	89.3	90	33.9	34.5	0	0
137849	36120	266	0.935	4.1	0	329.1	0	0	89.5	90	33.9	34.6	0	0
137850	36144	266	0.965	4.1	0	329.1	0	0	89.5	90	33.9	34.6	0	0
137851	36164	265.5	0.965	4.1	0	329.1	0	0	89.5	90	33.9	34.5	0	0
137852	36192	265.5	1.002	4.3	0	329.1	0	0	89.5	90	33.9	34.5	0	0
137853	36220	265	0.97	4.3	0	329.1	0	0	89.8	90	33.9	34.5	0	0
137854	36240	265	0.97	4.3	0	329.1	0	0	89.8	90	33.9	34.5	0	0
137855	36256	265	0.981	4.3	-0.3	329.1	0	0	89.8	89.8	33.9	34.4	0	0
137856	36288	265	0.988	4.3	-0.3	329.1	0	0	89.8	89.8	33.9	34.4	0	0
137857	36324	264.5	0.963	4.3	0	329.1	0	0	89.7	89.8	33.9	34.2	0	0
137858	36344	264.5	0.947	4.3	0	329.1	0	0	89.7	89.8	33.9	34.2	0	0
137859	36368	264.5	0.926	4.3	0	328.7	0	0	89.7	89.8	33.9	34.2	0	0
137860	36384	264	0.963	4.1	0	329.1	0	0	89.7	89.8	33.9	34.2	0	0
137861	36408	264	0.951	4.1	0	329.1	0	0	89.5	89.8	33.9	34.1	0	0
137862	36440	263.5	0.947	4.1	0	329.1	0	0	89.5	89.8	33.8	34.1	0	0
137863	36456	263.5	0.951	4.1	0.4	329.1	0	0	89.5	89.8	33.8	34	0	0
137864	36484	263.5	0.967	4.1	0.4	329.1	0	0	89.5	89.8	33.6	34	0	0
137865	36500	263	0.963	4.1	0.4	329.1	0	0	89.5	89.8	33.6	34	0	0
137866	36528	263	0.963	4.1	0.4	329.1	0	0	89.5	89.8	33.6	34	0	0
137867	36548	263	0.972	4.1	0.4	329.1	0	0	89.3	89.8	33.6	34	0	0
137868	36576	263	0.958	4.1	0.4	329.1	0	0	89.3	89.8	33.5	34	0	0
137869	36592	262.5	0.979	4.1	0	329.1	0	0	89.5	89.8	33.5	33.9	0	0
137870	36620	262.5	0.972	4.1	0	329.1	0	0	89.5	89.8	33.5	33.9	0	0
137871	36636	262.5	0.958	4.1	0	329.1	0	0	89.3	89.8	33.5	33.8	0	0
137872	36656	262.5	0.958	4.1	0	329.1	0	0	89.3	89.8	33.4	33.8	0	0

137873	36684	262	0.976	4.1	0	329.1	0	0	89.2	89.8	33.4	33.8	0	0
137874	36712	262	0.931	4.1	0	329.1	0	0	89.2	89.8	33.3	33.8	0	0
137875	36720	262	0.965	4.1	-0.3	329.1	0	0	89.3	89.8	33.3	33.8	0	0
137876	36748	262	0.935	4.1	-0.3	329.1	0	0	89.3	89.8	33.3	33.8	0	0
137877	36768	261.5	0.97	4	-0.3	329.1	0	0	89.5	90	33.3	33.8	0	0
137878	36796	261.5	0.97	4	-0.3	329.1	0	0	89.5	90	33.3	33.8	0	0
137879	36812	261.5	0.986	4	-0.3	329.1	0	0	89.5	89.8	33.3	33.8	0	0
137880	36836	261.5	0.99	4.1	0	329.1	0	0	89.5	89.8	33.3	33.8	0	0
137881	36852	261.5	0.981	4.1	0	329.1	0	0	89.5	89.8	33.3	33.8	0	0
137882	36880	261.5	0.96	4.1	0	329.1	0	0	89.5	89.8	33.3	33.8	0	0
137883	36904	262	0.976	4.1	0	329.1	0	0	89.5	89.8	33.3	33.6	0	0
137884	36920	261.5	0.99	4.1	0	329.1	0	0	89.5	89.8	33.4	33.6	0	0
137885	36940	261.5	0.97	4.1	0	329.1	0	0	89.8	89.7	33.4	33.5	0	0
137886	36972	261.5	0.965	4.1	0	329.1	0	0	89.8	89.7	33.5	33.5	0	0
137887	36996	261.5	0.981	4.3	0.4	329.1	0	0	89.7	89.8	33.5	33.5	0	0
137888	37016	261.5	0.99	4.3	0.4	329.1	0	0	89.7	89.8	33.5	33.5	0	0
137889	37040	261.5	0.97	4.5	0.4	329.1	0	0	89.8	89.8	33.5	33.6	0	0
137890	37068	261	0.99	4.5	0.4	329.1	0	0	89.8	89.8	33.5	33.6	0	0
137891	37088	260.5	0.99	4.7	0	329.1	0	0	89.7	90	33.5	33.6	0	0
137892	37112	260.5	0.99	4.7	0	329.1	0	0	89.7	90	33.5	33.6	0	0
137893	37148	260.5	0.97	4.5	0	329.1	0	0	89.5	89.8	33.5	33.6	0	0
137894	37176	260.5	0.944	4.5	0	329.1	0	0	89.5	89.8	33.4	33.6	0	0
137895	37204	260	0.949	4.5	0	329.1	0	0	89.2	90	33.4	33.5	0	0
137896	37224	260	0.96	4.5	0	329.1	0	0	89.2	90	33.3	33.5	0	0
137897	37252	260	0.956	4.5	0	329.1	0	0	89.7	89.8	33.3	33.5	0	0
137898	37280	259.5	0.97	4.5	0	329.1	0	0	89.7	89.8	33.2	33.5	0	0
137899	37300	259.5	0.956	4.5	0	329.1	0	0	89.3	90	33.2	33.5	0	0
137900	37332	259.5	0.96	4.5	-0.3	329.1	0	0	89.3	90	33.2	33.5	0	0
137901	37364	259.5	0.96	4.5	0	329.1	0	0	89.7	89.8	33.2	33.4	0	0
137902	37384	259.5	0.986	4.5	0	329.1	0	0	89.7	89.8	33.2	33.4	0	0
137903	37408	259.5	1.002	4.7	0	329.1	0	0	89.3	90	33.2	33.4	0	0
137904	37436	260	0.976	4.7	0	329.1	0	0	89.3	90	33.1	33.4	0	0
137905	37468	259.5	1.002	4.7	0	329.1	0	0	89.2	90	33.1	33.4	0	0
137906	37496	259.5	1.002	4.7	0	329.1	0	0	89.2	90	32.9	33.4	0	0
137907	37532	259.5	1.006	4.8	0	329.1	0	0	89.3	90	32.9	33.3	0	0
137908	37556	259	0.958	4.8	0	329.1	0	0	89.3	90	32.9	33.3	0	0
137909	37588	259	0.988	4.8	0	329.1	0	0	89.3	89.8	32.9	33.3	0	0
137910	37616	258.5	0.988	4.8	0	329.1	0	0	89.3	89.8	32.8	33.3	0	0
137911	37652	258.5	0.992	4.8	0	329.1	0	0	89.3	89.8	32.8	33.3	0	0
137912	37680	258.5	0.999	5	0	329.1	0	0	89.3	89.8	32.8	33.3	0	0
137913	37716	258	0.958	5	0	329.1	0	0	89.2	89.8	32.8	33.2	0	0
137914	37756	258	1.004	5	0	329.1	0	0	89.2	89.8	32.7	33.2	0	0
137915	37780	257.5	1.004	5	0	329.1	0	0	89.5	89.8	32.7	33.1	0	0
137916	37816	257.5	0.96	5	0	329.1	0	0	89.5	89.8	32.7	33.1	0	0
137917	37848	257	0.995	5	0	329.1	0	0	89.2	89.8	32.7	33.1	0	0
137918	37888	257	0.97	5.2	0	329.1	0	0	89.2	89.8	32.6	33.1	0	0
137919	37920	257	0.965	5.2	0	329.1	0	0	89	89.8	32.6	33.1	0	0
137920	37956	256.5	0.924	5.2	-0.3	329.1	0	0	89	89.8	32.5	33.1	0	0
137921	37992	256.5	0.94	5.2	-0.3	329.1	0	0	89.2	89.8	32.5	32.8	0	0
137922	38024	256	0.96	5.2	-0.3	329.1	0	0	89.2	89.8	32.3	32.8	0	0
137923	38056	256	0.965	5.2	-0.3	329.1	0	0	89.2	89.8	32.3	32.8	0	0
137924	38096	256	0.97	5.2	-0.3	329.1	0	0	89.2	89.8	32.5	32.8	0	0
137925	38140	256.5	0.972	5.2	0	329.1	0	0	89.3	89.8	32.5	32.8	0	0
137926	38164	256	0.988	5.2	-0.3	329.1	0	0	89.3	89.8	32.5	32.8	0	0
137927	38204	255	0.992	5.2	0	329.1	0	0	89.2	89.8	32.5	32.8	0	0
137928	38236	255.5	1.004	5.4	0	329.1	0	0	89.2	89.8	32.5	32.8	0	0
137929	38264	255	0.992	5.4	0.4	329.1	0	0	89.5	89.8	32.5	32.7	0	0
137930	38308	255	0.988	5.4	0	329.1	0	0	89.5	89.8	32.3	32.7	0	0
137931	38344	254.5	0.951	5.4	0	329.1	0	0	89.2	90	32.3	32.7	0	0
137932	38384	254	0.972	5.4	0	328.7	0	0	89.2	90	32.3	32.7	0	0
137933	38416	254	0.983	5.4	0	328.7	0	0	89.7	89.8	32.3	32.6	0	0
137934	38456	254	0.992	5.4	0	328.7	0	0	89.7	89.8	32.2	32.6	0	0
137935	38488	254	0.942	5.4	0	328.7	0	0	89.2	89.8	32.2	32.6	0	0
137936	38528	254	0.992	5.4	-0.3	328.7	0	0	89.2	89.8	32.1	32.6	0	0
137937	38556	253.5	0.953	5.4	-0.3	328.7	0	0	89.2	89.8	32.1	32.5	0	0
137938	38604	253.5	0.983	5.5	-0.3	328.7	0	0	89.2	89.8	32	32.5	0	0
137939	38640	253	0.979	5.5	-0.3	328.7	0	0	89.3	89.8	32	32.3	0	0
137940	38680	252.5	1.013	5.5	-0.3	328.7	0	0	89.3	89.8	32	32.3	0	0
137941	38724	252	0.999	5.7	-0.3	328.7	0	0	89	89.5	32	32	0	0
137942	38756	251.5	0.995	5.7	-0.3	328.7	0	0	89	89.5	31.7	32	0	0
137943	38796	251	0.965	5.7	0	328.7	0	0	89	89.3	31.7	31.6	0	0

137944	38840	250.5	0.981	5.7	0	328.7	0	0	89	89.3	31.6	31.6	0	0
137945	38876	250	0.935	5.5	0.4	328.7	0	0	88.9	89.3	31.6	31.4	0	0
137946	38912	250	0.944	5.5	0.4	328.7	0	0	88.9	89.3	31.5	31.4	0	0
137947	38952	249.5	0.899	5.5	0	328.7	0	0	89	89.3	31.5	31.3	0	0
137948	38988	249.5	0.894	5.4	-0.3	328.7	0	0	89	89.3	31.4	31.3	0	0
137949	39024	249	0.96	5.4	-0.3	328.7	0	0	89.2	89.3	31.4	31.3	0	0
137950	39056	249	0.949	5.2	-0.3	328.7	0	0	89.2	89.3	31.4	31.3	0	0
137951	39096	249.5	0.917	5.2	-0.7	328.7	0	0	89	89.3	31.4	31.1	0	0
137952	39132	249	0.947	5.2	-0.3	328.7	0	0	89	89.3	31.4	31.1	0	0
137953	39164	249	0.967	5.2	-0.3	328.7	0	0	89.2	89.5	31.4	31.1	0	0
137954	39196	249	0.992	5.2	-0.3	328.7	0	0	89.2	89.5	31.4	31.1	0	0
137955	39224	248.5	0.988	5.4	0	328.7	0	0	89.2	89.3	31.4	31.1	0	0
137956	39260	248	0.979	5.4	0	328.7	0	0	89.2	89.3	31.4	31.1	0	0
137957	39292	248	0.963	5.4	0	328.7	0	0	89.2	89.3	31.4	31	0	0
137958	39332	247.5	0.967	5.4	0.4	328.7	0	0	89.2	89.3	31.4	31	0	0
137959	39368	247	0.958	5.4	0.4	328.7	0	0	89.3	89.3	31.4	30.9	0	0
137960	39400	247	0.976	5.4	0.4	328.7	0	0	89.3	89.3	31.3	30.9	0	0
137961	39440	246.5	0.949	5.4	0	328.7	0	0	89.3	89.3	31.3	30.9	0	0
137962	39476	245.5	0.965	5.4	0	328.7	0	0	89.3	89.3	31.3	30.9	0	0
137963	39500	245.5	0.944	5.4	0	328.7	0	0	89	89.3	31.3	30.8	0	0
137964	39544	245	0.94	5.2	-0.3	328.7	0	0	89	89.3	31	30.8	0	0
137965	39564	244.5	0.94	5.2	-0.3	328.7	0	0	89	89.3	31	30.7	0	0
137966	39596	244.5	0.931	5	-0.3	328.7	0	0	89	89.3	30.9	30.7	0	0
137967	39624	244.5	0.935	5	-0.3	328.7	0	0	89	89.3	30.9	30.7	0	0
137968	39668	244	0.944	5	-0.3	328.7	0	0	89	89.3	30.8	30.7	0	0
137969	39696	244	0.935	4.8	-0.3	328.4	0	0	88.9	89.3	30.8	30.7	0	0
137970	39716	243.5	0.928	4.8	-0.7	328.4	0	0	88.9	89.3	30.7	30.7	0	0
137971	39740	243.5	0.928	4.8	-0.7	328.4	0	0	89	89.3	30.7	30.5	0	0
137972	39764	243.5	0.956	4.8	-0.3	328.4	0	0	89	89.3	30.7	30.5	0	0
137973	39796	243.5	0.956	4.8	0	328.4	0	0	88.9	89.3	30.7	30.5	0	0
137974	39820	243.5	0.965	4.8	0	328.4	0	0	88.9	89.3	30.5	30.5	0	0
137975	39848	243.5	0.974	4.8	0.4	328.4	0	0	88.9	89.3	30.5	30.4	0	0
137976	39884	243.5	0.986	4.8	0.4	328.4	0	0	88.9	89.3	30.4	30.4	0	0
137977	39900	243.5	0.983	4.8	0	328.4	0	0	89	89.3	30.4	30.4	0	0
137978	39928	243	0.958	4.8	0	328.4	0	0	89	89.3	30.4	30.4	0	0
137979	39948	243	0.951	4.8	0	328.4	0	0	89.2	89.5	30.4	30.4	0	0
137980	39984	243.5	0.983	4.8	0	328.4	0	0	89.2	89.5	30.5	30.4	0	0
137981	40008	243.5	0.983	4.8	0	328.4	0	0	89.2	89.5	30.5	30.4	0	0
137982	40032	243	0.947	4.8	0	328.4	0	0	89.2	89.5	30.7	30.4	0	0
137983	40068	243	0.967	4.8	0	328.4	0	0	89.2	89.7	30.7	30.5	0	0
137984	40084	243	0.997	5	0	328.4	0	0	89.2	89.7	30.7	30.5	0	0
137985	40116	243	1.004	5	0	328.4	0	0	89.2	89.8	30.7	30.7	0	0
137986	40144	243	0.972	5.2	0	328.4	0	0	89.2	89.8	30.7	30.7	0	0
137987	40176	242.5	0.988	5.2	0	328.4	0	0	89	89.8	30.7	30.7	0	0
137988	40204	242.5	0.976	5.2	-0.3	328.4	0	0	89	89.8	30.7	30.7	0	0
137989	40228	242.5	0.951	5.2	-0.3	328.4	0	0	89.3	89.8	30.7	30.7	0	0
137990	40268	242.5	0.976	5.2	0	328.4	0	0	89.3	89.8	30.7	30.7	0	0
137991	40296	242	0.967	5.2	0.4	328.4	0	0	89.3	89.7	30.7	30.7	0	0
137992	40336	242.5	0.958	5.2	0	328.4	0	0	89.3	89.7	30.7	30.7	0	0
137993	40364	242	0.972	5.2	-0.3	328.4	0	0	89.2	89.7	30.7	30.5	0	0
137994	40400	241	0.972	5.2	-0.3	328.4	0	0	89.2	89.7	30.5	30.5	0	0
137995	40424	242	1.004	5.4	0	328.4	0	0	89.2	89.7	30.5	30.4	0	0
137996	40460	241.5	1.004	5.4	0.4	328.4	0	0	89.2	89.7	30.4	30.4	0	0
137997	40484	241.5	0.988	5.4	0.4	328.4	0	0	89.2	89.7	30.4	30.4	0	0
137998	40544	241.5	0.983	5.4	0.4	328.4	0	0	89.2	89.7	30.3	30.4	0	0
137999	40572	240.5	1.004	5.4	0	328.4	0	0	89.2	89.5	30.3	30.3	0	0
138000	40604	241	0.979	5.4	-0.3	328.4	0	0	89.2	89.5	30.2	30.3	0	0
138001	40628	241	0.988	5.4	-0.3	328.4	0	0	89	89.5	30.2	30.2	0	0
138002	40656	241	0.972	5.4	-0.3	328.4	0	0	89	89.5	30.2	30.2	0	0
138003	40692	240.5	0.992	5.4	-0.3	328.4	0	0	89	89.7	30.2	30.2	0	0
138004	40740	240.5	0.953	5.4	-0.3	328.4	0	0	89	89.7	30.1	30.2	0	0
138005	40776	240.5	0.958	5.4	-0.3	328.4	0	0	89	89.7	30.1	30.1	0	0
138006	40808	240.5	0.974	5.4	-0.3	328.4	0	0	89	89.7	30.1	30.1	0	0
138007	40832	240.5	0.967	5.4	-0.3	328.4	0	0	88.9	89.5	30.1	29.9	0	0
138008	40868	240	0.974	5.5	-0.3	328.4	0	0	88.9	89.5	29.9	29.9	0	0
138009	40900	240	0.999	5.5	0	328.4	0	0	88.9	89.5	29.9	29.9	0	0
138010	40940	240	1.024	5.7	0	328.4	0	0	88.9	89.5	29.8	29.9	0	0
138011	32792	240	0.992	5.7	0	328.4	0	0	88.9	89.5	29.8	29.9	0	0
138012	41028	240	1.008	5.7	0	328.4	0	0	88.9	89.5	29.7	29.9	0	0
138013	41064	239.5	1.004	5.9	0	328.4	0	0	88.9	89.5	29.7	29.8	0	0
138014	41092	239.5	0.983	5.9	-0.3	328.4	0	0	88.9	89.5	29.6	29.8	0	0

138015	41128	239.5	0.999	5.9	0	328.4	0	0	88.5	89.5	29.6	29.7	0	0
138016	41168	239	0.963	5.9	-0.3	328.4	0	0	88.5	89.5	29.5	29.7	0	0
138017	41224	239.5	0.988	6.1	-0.3	328.4	0	0	88.9	89.5	29.5	29.7	0	0
138018	41264	239	0.972	6.1	-0.3	328.4	0	0	88.9	89.5	29.5	29.7	0	0
138019	41308	239	1.013	6.1	-0.3	328.4	0	0	88.5	89.5	29.5	29.6	0	0
138020	41352	238.5	1.004	6.2	-0.3	328.4	0	0	88.5	89.5	29.4	29.6	0	0
138021	41384	238.5	0.992	6.2	-0.3	328.4	0	0	88.5	89.5	29.4	29.5	0	0
138022	41432	238	0.992	6.2	-0.3	328.4	0	0	88.5	89.5	29.2	29.5	0	0
138023	41488	237.5	0.999	6.4	0	328.4	0	0	88.7	89.5	29.2	29.4	0	0
138024	41536	237	0.988	6.4	0	328.4	0	0	88.7	89.5	30.2	29.4	0	0
138025	41576	237	0.979	6.4	0	328.4	0	0	88.7	89.3	30.2	29.2	0	0
138026	41628	236	1.018	6.4	-0.3	328.4	0	0	88.7	89.3	30.1	29.2	0	0
138027	41648	236	0.983	6.4	0	328.4	0	0	88.5	89.2	30.1	29	0	0
138028	41704	235.5	0.947	6.4	0	328.4	0	0	88.5	89.2	30.1	29	0	0
138029	41748	235	0.953	6.4	-0.3	328.4	0	0	88.7	88.5	30.1	28.5	0	0
138030	41812	234.5	0.933	6.4	-0.3	328.7	0	0	88.7	88.5	29.8	28.5	0	0
138031	41844	234.5	0.917	6.2	-0.7	328.7	0	0	88.7	88.5	29.8	28.2	0	0
138032	41900	234.5	0.917	6.2	-0.3	328.7	0	0	88.7	88.5	29.7	28.2	0	0
138033	41928	234.5	0.942	6.2	-0.3	328.7	0	0	88.4	88.5	29.7	28.9	0	0
138034	41976	234	0.937	6.1	-0.3	328.7	0	0	88.4	88.5	29.6	28.9	0	0
138035	42032	234	0.967	6.1	-0.3	328.7	0	0	88.2	88.5	29.6	28.8	0	0
138036	42068	233.5	0.974	6.2	-0.3	328.7	0	0	88.2	88.5	29.5	28.8	0	0
138037	42116	233	0.983	6.2	-0.7	329.1	0	0	88.4	88.5	29.5	28.8	0	0
138038	42156	233	0.988	6.2	-0.3	329.1	0	0	88.4	88.5	29.2	28.8	0	0
138039	42204	233	1.004	6.4	-0.3	329.1	0	0	88.4	88.5	29.2	28.5	0	0
138040	42224	233	0.979	6.4	-0.7	329.1	0	0	88.4	88.5	29.1	28.5	0	0
138041	42292	232.5	1.004	6.4	-0.7	329.1	0	0	88.4	88.5	29.1	28.5	0	0
138042	42324	232	0.988	6.4	-0.7	329.1	0	0	88.4	88.5	29	28.5	0	0
138043	42380	231.5	0.947	6.4	-0.3	329.1	0	0	88.4	88.5	29	28.4	0	0
138044	42416	231	0.967	6.4	-0.3	329.1	0	0	88.4	88.5	28.9	28.4	0	0
138045	42460	230.5	0.942	6.4	-0.3	329.1	0	0	88.4	88.5	28.9	28.3	0	0
138046	42500	229.5	0.91	6.2	-0.3	329.1	0	0	88.4	88.5	28.6	28.3	0	0
138047	42536	229.5	0.91	6.2	-0.7	329.1	0	0	88.1	88.5	28.6	28.2	0	0
138048	42584	229	0.924	6.1	-0.7	329.1	0	0	88.1	88.5	28.4	28.2	0	0
138049	42616	228.5	0.883	5.9	-0.7	329.1	0	0	88.1	88.5	28.4	28	0	0
138050	42656	228.5	0.924	5.7	-0.7	329.1	0	0	88.1	88.5	28.3	28	0	0
138051	42696	228	0.899	5.7	-0.7	329.1	0	0	88.2	88.5	28.3	28	0	0
138052	42736	227.5	0.873	5.5	-0.7	329.1	0	0	88.2	88.5	28.3	28	0	0
138053	42756	227.5	0.899	5.4	-0.7	329.1	0	0	88.1	88.5	28.3	27.9	0	0
138054	42792	227	0.883	5.4	-0.7	329.1	0	0	88.1	88.5	28.2	27.9	0	0
138055	42820	226.5	0.908	5.2	-0.3	329.1	0	0	88.1	88.5	28.2	27.8	0	0
138056	42840	226.5	0.894	5	0	329.1	0	0	88.1	88.5	28.2	27.8	0	0
138057	42860	226.5	0.915	4.8	0.4	329.1	0	0	88.1	88.5	28.2	27.8	0	0
138058	42888	226	0.889	4.7	0.4	329.1	0	0	88.1	88.5	28.2	27.8	0	0
138059	42908	226	0.915	4.5	0	329.1	0	0	88.1	88.5	28.2	27.8	0	0
138060	42912	226	0.919	4.3	-0.3	329.1	0	0	88.1	88.5	28	27.8	0	0
138061	42924	226	0.903	4.3	0	329.1	0	0	88.2	88.5	28	27.8	0	0
138062	42936	226	0.903	4.1	0.4	329.1	0	0	88.2	88.5	28	27.8	0	0
138063	42960	226	0.915	4	0.4	329.1	0	0	88.1	88.5	28	27.8	0	0
138064	42964	226	0.921	3.8	0.4	329.1	0	0	88.1	88.5	28	27.8	0	0
138065	42976	226	0.933	3.8	0.4	329.1	0	0	87.7	88.5	28	27.8	0	0
138066	42972	226.5	0.921	3.6	0.4	329.1	0	0	87.7	88.5	27.9	27.8	0	0
138067	42976	226.5	0.937	3.6	0.4	329.1	0	0	87.9	88.4	27.9	27.7	0	0
138068	42984	226.5	0.947	3.4	0	329.1	0	0	87.9	88.4	27.7	27.7	0	0
138069	42984	226.5	0.951	3.4	0	329.1	0	0	87.4	87.9	27.7	27.4	0	0
138070	42988	226.5	0.963	3.4	-0.3	329.1	0	0	87.4	87.9	27.3	27.4	0	0
138071	42988	227	0.963	3.4	-0.3	329.1	0	0	86.9	87.3	27.3	26.8	0	0
138072	42992	227	0.944	3.4	-0.3	329.1	0	0	86.9	87.3	26.8	26.8	0	0
138073	42984	227	0.974	3.4	-0.3	329.1	0	0	86.8	86.8	26.8	26.3	0	0
138074	42984	227.5	0.995	3.4	0	329.1	0	0	86.8	86.8	26.3	26.3	0	0
138075	42996	227	0.981	3.4	0	329.1	0	0	86.5	86.6	26.3	25.7	0	0
138076	42980	227.5	1.006	3.4	0.4	329.1	0	0	86.5	86.6	25.8	25.7	0	0
138077	42992	227.5	0.97	3.4	0.4	329.1	0	0	86.3	86.3	25.8	25.2	0	0
138078	42984	227.5	0.97	3.4	0.4	329.1	0	0	86.3	86.3	25.3	25.2	0	0
138079	42980	228	0.981	3.4	0.4	329.1	0	0	86	86.3	25.3	24.9	0	0
138080	42984	228	0.97	3.4	0.4	329.1	0	0	86	86.3	24.9	24.9	0	0
138081	42988	228	0.951	3.4	0.4	329.1	0	0	86	86.1	24.9	24.8	0	0
138082	42988	228	0.976	3.4	0.4	329.1	0	0	86	86.1	24.8	24.8	0	0
138083	42988	228	0.976	3.4	0	329.1	0	0	85.8	86.1	24.8	24.7	0	0
138084	42996	228	0.956	3.4	0	329.1	0	0	85.8	86.1	24.7	24.7	0	0
138085	42988	228	0.97	3.4	0	329.1	0	0	86	86.1	24.7	24.7	0	0

138086	42996	228	0.965	3.4	-0.3	329.1	0	0	86	86.1	24.7	24.7	0	0
138087	42996	228	0.981	3.4	-0.3	329.1	0	0	85.8	86.1	24.7	24.8	0	0
138088	43000	228	0.965	3.4	-0.3	329.1	0	0	85.8	86.1	24.7	24.8	0	0
138089	42996	228	0.99	3.4	-0.3	329.1	0	0	86	86.1	24.7	24.9	0	0
138090	43004	228	0.953	3.4	-0.7	329.1	0	0	86	86.1	24.7	24.9	0	0
138091	43004	228	0.958	3.4	-0.3	329.1	0	0	86.1	85.8	24.7	24.8	0	0
138092	43004	228	0.967	3.4	0	329.1	0	0	86.1	85.8	24.7	24.8	0	0
138093	43000	228	0.953	3.4	0.4	329.1	0	0	85.8	85.8	24.7	24.7	0	0
138094	42996	228	0.979	3.4	0.4	329.1	0	0	85.8	85.8	24.7	24.7	0	0
138095	43000	228	0.953	3.3	0	329.1	0	0	85.7	85.8	24.7	24.6	0	0
138096	42996	228	0.979	3.3	0	329.1	0	0	85.7	85.8	24.6	24.6	0	0
138097	42996	228.5	0.963	3.3	-0.3	329.1	0	0	85.5	85.7	24.6	24.5	0	0
138098	43000	228.5	0.963	3.3	-0.3	329.1	0	0	85.5	85.7	24.5	24.5	0	0
138099	43004	228.5	0.958	3.3	-0.3	329.1	0	0	85.5	85.5	24.5	24.3	0	0
138100	43000	228.5	0.983	3.3	-0.3	329.1	0	0	85.5	85.5	24.3	24.3	0	0
138101	43000	228.5	0.963	3.4	0	329.1	0	0	85.5	85.5	24.3	24.2	0	0
138102	42996	228.5	0.983	3.4	0	329.1	0	0	85.5	85.5	24.3	24.2	0	0
138103	43008	228.5	0.974	3.4	0	329.1	0	0	85.5	85.5	24.3	24.2	0	0
138104	42996	228.5	0.979	3.4	0	329.1	0	0	85.5	85.5	24.3	24.2	0	0
138105	43004	228.5	0.967	3.4	0.4	329.1	0	0	85.5	85.5	24.3	24.2	0	0
138106	42996	228.5	0.974	3.4	0.4	329.1	0	0	85.5	85.5	24.2	24.2	0	0
138107	43000	228.5	0.958	3.4	0.4	329.1	0	0	85.3	85.3	24.2	24.2	0	0
138108	42996	228.5	0.974	3.4	0.4	329.1	0	0	85.3	85.3	24.2	24.2	0	0
138109	43004	228.5	0.974	3.4	0.4	329.1	0	0	85.3	85.3	24.2	24.2	0	0
138110	43008	228.5	0.958	3.4	0.4	329.1	0	0	85.3	85.3	24.2	24.2	0	0
138111	43004	228.5	0.958	3.4	0.4	329.1	0	0	85.2	85.5	24.2	24.1	0	0
138112	43000	228.5	0.958	3.3	0	329.1	0	0	85.2	85.5	24.2	24.1	0	0
138113	43004	228.5	0.967	3.3	0	329.1	0	0	85.5	85.5	24.2	24.2	0	0
138114	43000	228.5	0.942	3.3	-0.3	329.1	0	0	85.5	85.5	24.2	24.2	0	0
138115	43008	228.5	0.974	3.3	-0.3	329.1	0	0	85.3	85.5	24.2	24.2	0	0
138116	43004	228.5	0.976	3.3	-0.3	329.1	0	0	85.3	85.5	24.2	24.2	0	0
138117	43000	228.5	0.944	3.3	-0.3	329.1	0	0	85.3	85.3	24.2	24.2	0	0
138118	42996	228.5	0.949	3.3	0	329.1	0	0	85.3	85.3	24.2	24.2	0	0
138119	43008	228.5	0.986	3.3	0.4	329.1	0	0	85.3	85.3	24.2	24.2	0	0
138120	43000	228.5	0.956	3.3	0.4	329.4	0	0	85.3	85.3	24.2	24.2	0	0
138121	43004	228.5	1.006	3.4	0	329.4	0	0	85.3	85.2	24.2	24.1	0	0
138122	43012	228.5	0.981	3.4	-0.3	329.4	0	0	85.3	85.2	24.2	24.1	0	0
138123	43012	228.5	0.949	3.4	0	329.4	0	0	85.3	85.3	24.2	24.1	0	0
138124	43012	229	0.99	3.4	-0.3	329.4	0	0	85.3	85.3	24.2	24.1	0	0
138125	43000	229	0.99	3.4	-0.3	329.4	0	0	85.3	85.3	24.2	24.1	0	0
138126	43008	229	0.986	3.4	-0.3	329.4	0	0	85.3	85.3	24.2	24.1	0	0
138127	43008	229	0.96	3.4	-0.7	329.1	0	0	85.3	85.3	24.2	24.1	0	0
138128	43000	228.5	0.97	3.3	-0.7	329.1	0	0	85.3	85.3	24.2	24.1	0	0
138129	43012	229	0.981	3.3	-0.7	329.1	0	0	85.3	85.3	24.2	24.1	0	0
138130	43000	229	0.956	3.3	-0.3	329.1	0	0	85.3	85.3	24.2	24.1	0	0
138131	43004	229	0.97	3.3	-0.3	329.1	0	0	85.3	85.3	24.2	24.1	0	0
138132	43004	229	0.94	3.3	0	329.1	0	0	85.3	85.3	24.2	24.1	0	0
138133	43008	229	0.965	3.3	0	329.4	0	0	85.3	85.3	24.2	24.1	0	0
138134	43000	229	0.956	3.3	0	329.4	0	0	85.3	85.3	24.3	24.1	0	0
138135	43000	229	0.981	3.3	0	329.4	0	0	85.5	85.3	24.3	24.1	0	0
138136	43012	229	0.986	3.3	0	329.4	0	0	85.5	85.3	24.3	24.1	0	0
138137	43008	229.5	0.974	3.3	-0.3	329.4	0	0	85.3	85.3	24.3	24.1	0	0
138138	43004	229.5	0.949	3.3	-0.3	329.4	0	0	85.3	85.3	24.3	24.1	0	0
138139	42996	229.5	0.97	3.3	-0.7	329.4	0	0	85.5	85.5	24.3	24.2	0	0
138140	42996	229.5	0.981	3.3	-0.7	329.1	0	0	85.5	85.5	24.3	24.2	0	0
138141	43000	229.5	0.995	3.3	-0.7	329.1	0	0	85.2	85.5	24.3	24.3	0	0
138142	43000	229.5	0.981	3.3	-0.7	329.1	0	0	85.2	85.5	24.3	24.3	0	0
138143	42992	229.5	0.976	3.4	-0.7	329.1	0	0	85.2	85.3	24.3	24.2	0	0
138144	42996	229.5	1.002	3.4	-0.3	329.1	0	0	85.2	85.3	24.3	24.2	0	0
138145	43004	229.5	0.981	3.4	-0.3	329.1	0	0	85.2	85.2	24.3	24.2	0	0
138146	43004	229.5	0.965	3.4	-0.3	329.1	0	0	85.2	85.2	24.3	24.2	0	0
138147	43004	229.5	0.956	3.4	-0.3	329.1	0	0	85.2	85.2	24.3	24.2	0	0
138148	43008	229.5	0.951	3.4	0	329.1	0	0	85.2	85.2	24.3	24.2	0	0
138149	43008	229.5	0.935	3.3	0	329.1	0	0	85.2	85.2	24.3	24.2	0	0
138150	43004	229.5	0.926	3.3	0	329.1	0	0	85.2	85.2	24.2	24.2	0	0
138151	43008	229.5	0.921	3.3	0	329.1	0	0	85.2	85	24.2	24.2	0	0
138152	43004	229.5	0.933	3.3	0	329.4	0	0	85.2	85	24.2	24.2	0	0
138153	43012	229.5	0.963	3.3	0	329.4	0	0	85	85	24.2	24.1	0	0
138154	43004	229.5	0.967	3.3	-0.3	329.4	0	0	85	85	24.2	24.1	0	0
138155	43008	229.5	0.958	3.1	-0.3	329.4	0	0	85	85.2	24.2	24.1	0	0
138156	43000	229.5	0.979	3.3	-0.3	329.4	0	0	85	85.2	24.2	24.1	0	0

138157	43004	229.5	0.999	3.3	-0.3	329.4	0	0	85	85.2	24.2	24.1	0	0
138158	43000	229.5	0.999	3.3	-0.3	329.4	0	0	85	85.2	24.1	24.1	0	0
138159	42996	229.5	0.99	3.3	-0.3	329.4	0	0	85	85	24.1	24.1	0	0
138160	43004	229.5	0.995	3.3	-0.3	329.1	0	0	85	85	24.1	24.1	0	0
138161	43004	229.5	0.96	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138162	42996	229.5	0.981	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138163	43012	230	0.949	3.3	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138164	43000	230	0.96	3.4	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138165	42996	229.5	1.002	3.4	-0.3	329.1	0	0	85	85	24.1	24	0	0
138166	43000	229.5	0.96	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138167	43012	229.5	0.981	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138168	43000	229.5	0.97	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138169	43004	229.5	0.965	3.3	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138170	43004	229.5	0.949	3.3	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138171	42996	229.5	0.944	3.3	-0.3	329.1	0	0	85.2	85	24.1	24	0	0
138172	43000	229.5	0.965	3.3	-0.3	329.1	0	0	85.2	85	24.1	24	0	0
138173	43004	229.5	0.97	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138174	43000	229.5	0.949	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138175	43008	229.5	0.96	3.3	0	329.1	0	0	85	85	24.1	24	0	0
138176	42992	229.5	0.958	3.3	0	329.1	0	0	85	85	24.1	24	0	0
138177	43004	229.5	0.958	3.3	0	329.1	0	0	85	85	24.1	24	0	0
138178	42996	229.5	0.963	3.3	0	329.1	0	0	85	85	24.1	24	0	0
138179	42996	229.5	0.972	3.3	0.4	329.1	0	0	84.9	85	24.1	24	0	0
138180	43004	229.5	0.972	3.3	0	329.1	0	0	84.9	85	24.1	24	0	0
138181	43000	229.5	0.947	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138182	43004	229.5	0.951	3.3	-0.3	329.4	0	0	85	85	24.1	24	0	0
138183	43000	229.5	0.992	3.3	-0.3	329.1	0	0	85	84.9	24.1	24	0	0
138184	43000	229.5	0.972	3.3	-0.3	329.1	0	0	85	84.9	24.1	24	0	0
138185	42992	229.5	0.965	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138186	42996	229.5	0.986	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138187	43000	229.5	0.97	3.3	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138188	42992	229.5	0.99	3.3	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138189	42996	229.5	0.953	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138190	43000	229.5	0.986	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138191	43000	229.5	0.981	3.3	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138192	42996	229.5	0.97	3.3	-0.7	329.1	0	0	84.9	85	24.1	24	0	0
138193	43000	229.5	0.949	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138194	43000	229.5	0.983	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138195	43008	229.5	0.983	3.3	0	329.1	0	0	84.9	85	24.1	24	0	0
138196	43004	230	0.972	3.3	0	329.1	0	0	84.9	85	24.1	24	0	0
138197	43000	229.5	0.947	3.3	0	329.1	0	0	84.9	85	24.1	24	0	0
138198	43004	230	0.963	3.3	0	329.1	0	0	84.9	85	24.1	24	0	0
138199	43004	229.5	0.983	3.3	0.4	329.1	0	0	84.9	85	24.1	24	0	0
138200	42996	230	0.958	3.1	0.4	329.1	0	0	84.9	85	24.1	24	0	0
138201	42996	230	0.976	3.1	0	329.1	0	0	84.7	84.9	24.1	24	0	0
138202	43000	230	0.974	3.1	0	329.1	0	0	84.7	84.9	24.1	24	0	0
138203	42992	230	0.97	3.1	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138204	43004	230	0.97	3.1	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138205	42996	230	0.981	3.3	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138206	42992	230	0.986	3.3	-0.3	329.1	0	0	84.9	85	24.1	24	0	0
138207	42992	230.5	0.974	3.3	-0.3	329.1	0	0	85	85	24.1	24	0	0
138208	42996	230	0.974	3.3	-0.7	329.1	0	0	85	85	24.1	24	0	0
138209	42996	230.5	0.981	3.3	-0.7	329.1	0	0	84.9	84.9	24.1	24	0	0
138210	43004	230	0.99	3.3	-0.7	329.1	0	0	84.9	84.9	24.1	24	0	0
138211	42996	230	0.99	3.3	-0.7	329.1	0	0	84.7	85	24.1	24	0	0
138212	43000	230	0.965	3.3	-0.7	329.1	0	0	84.7	85	24.1	24	0	0
138213	42996	230	0.974	3.3	0	329.1	0	0	84.9	84.9	24.1	24	0	0
138214	43000	230	0.974	3.3	0.4	329.1	0	0	84.9	84.9	24.1	24	0	0
138215	43004	230	0.986	3.3	0.4	329.1	0	0	84.7	84.9	24.1	24	0	0
138216	43004	230	0.981	3.3	0	329.1	0	0	84.7	84.9	24.1	24	0	0
138217	43008	230	0.965	3.3	0	329.1	0	0	84.7	84.9	24.1	24	0	0
138218	43004	230	0.986	3.3	-0.3	329.1	0	0	84.7	84.9	24.1	24	0	0
138219	43000	230	0.96	3.3	-0.3	329.1	0	0	84.9	84.9	24.1	24	0	0
138220	43000	230	0.944	3.3	-0.3	329.1	0	0	84.9	84.9	24.1	24	0	0
138221	43008	230	0.96	3.3	-0.3	329.1	0	0	84.7	84.9	24.1	24	0	0
138222	43000	230	0.981	3.1	-0.3	329.1	0	0	84.7	84.9	24.1	24	0	0
138223	43004	230	0.96	3.1	-0.3	329.1	0	0	84.7	84.9	24.1	24	0	0
138224	43008	230	0.96	3.1	-0.3	329.1	0	0	84.7	84.9	24.1	24	0	0
138225	42996	230	0.99	3.1	-0.3	329.1	0	0	84.7	84.9	24.1	24	0	0
138226	42996	230	0.956	3.1	-0.3	329.1	0	0	84.7	84.9	24.1	24	0	0
138227	43008	230	0.97	3.3	-0.3	329.1	0	0	84.9	84.7	24.1	23.9	0	0

138228	42992	230.5	0.999	3.3	-0.3	329.1	0	0	84.9	84.7	24	23.9	0	0
138229	42996	230.5	0.967	3.3	0	329.1	0	0	84.7	84.7	24	23.9	0	0
138230	43000	230	0.953	3.3	0	329.1	0	0	84.7	84.7	24	23.9	0	0
138231	43004	230	0.992	3.3	0.4	329.1	0	0	84.7	84.7	24	23.7	0	0
138232	42996	230	0.953	3.3	0.4	329.1	0	0	84.7	84.7	24	23.7	0	0
138233	43000	230	0.963	3.3	0	329.1	0	0	84.6	84.7	24	23.7	0	0
138234	42996	230	0.988	3.3	-0.3	329.1	0	0	84.6	84.7	24	23.7	0	0
138235	43000	230	0.947	3.3	-0.3	329.1	0	0	84.6	84.7	24	23.7	0	0
138236	43004	230	0.974	3.3	-0.3	329.1	0	0	84.6	84.7	24	23.7	0	0
138237	42996	230	0.951	3.3	-0.7	329.1	0	0	84.6	84.7	24	23.7	0	0
138238	42996	230	0.956	3.3	-0.7	329.1	0	0	84.6	84.7	24	23.7	0	0
138239	43008	230	0.94	3.3	-0.3	329.1	0	0	84.4	84.7	24	23.7	0	0
138240	43004	230	0.96	3.3	0	329.1	0	0	84.4	84.7	24	23.7	0	0
138241	43000	230	0.956	3.3	0	329.1	0	0	84.4	84.7	24	23.7	0	0
138242	42996	230	0.976	3.1	0	329.1	0	0	84.4	84.7	23.9	23.7	0	0
138243	43000	230.5	0.97	3.1	-0.3	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138244	42992	230.5	0.956	3.1	-0.7	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138245	42996	230.5	0.97	3.3	-0.3	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138246	42996	230.5	0.983	3.3	0	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138247	42992	230	0.972	3.3	0	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138248	43000	230.5	0.958	3.3	0	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138249	43000	230.5	0.992	3.3	0	329.4	0	0	84.6	84.6	23.9	23.7	0	0
138250	42992	230	0.992	3.3	-0.3	329.4	0	0	84.6	84.6	23.9	23.7	0	0
138251	43000	230	0.983	3.3	-0.3	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138252	43000	230	0.999	3.3	-0.7	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138253	42996	230	0.988	3.3	-0.7	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138254	43000	230	0.972	3.3	-0.7	329.1	0	0	84.6	84.7	23.9	23.7	0	0
138255	42992	230	0.958	3.3	-0.7	329.1	0	0	84.4	84.6	23.9	23.7	0	0
138256	43000	230	0.942	3.3	-0.7	329.1	0	0	84.4	84.6	23.9	23.7	0	0
138257	42996	230	0.963	3.3	-0.7	329.1	0	0	84.6	84.6	23.9	23.6	0	0
138258	43008	230	0.951	3.3	-0.3	329.1	0	0	84.6	84.6	23.9	23.6	0	0
138259	43000	230	0.963	3.3	0	329.1	0	0	84.6	84.6	23.9	23.6	0	0
138260	43000	230	0.983	3.3	0	329.1	0	0	84.6	84.6	23.7	23.6	0	0
138261	43004	230	0.983	3.3	0.4	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138262	43000	230	0.972	3.3	0.4	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138263	42996	230	0.99	3.1	0	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138264	42992	230	0.956	3.3	0	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138265	42996	230	1.002	3.3	0	329.4	0	0	84.4	84.6	23.7	23.6	0	0
138266	42996	230	0.986	3.3	0	329.4	0	0	84.4	84.6	23.7	23.6	0	0
138267	42992	230	0.96	3.3	0	329.4	0	0	84.4	84.6	23.7	23.6	0	0
138268	42992	230	0.995	3.3	-0.3	329.4	0	0	84.4	84.6	23.7	23.6	0	0
138269	42992	230	0.981	3.3	-0.3	329.4	0	0	84.2	84.6	23.7	23.6	0	0
138270	42992	229.5	0.97	3.4	-0.3	329.4	0	0	84.2	84.6	23.7	23.6	0	0
138271	42996	230	0.974	3.4	-0.7	329.4	0	0	84.4	84.4	23.7	23.5	0	0
138272	43000	229.5	0.96	3.4	-0.7	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138273	42996	229.5	0.974	3.4	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138274	42996	229.5	0.974	3.4	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138275	43000	229.5	0.981	3.4	-0.7	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138276	43004	229.5	0.956	3.4	-0.7	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138277	43004	229.5	0.97	3.3	-0.7	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138278	43000	229.5	0.956	3.3	-0.7	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138279	43000	229.5	0.965	3.3	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138280	42996	229.5	0.967	3.3	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138281	43004	229.5	0.979	3.3	0	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138282	43004	229.5	0.942	3.3	0	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138283	43000	229.5	0.967	3.3	0.4	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138284	42996	229.5	0.972	3.3	0.4	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138285	42996	230	0.972	3.3	0.4	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138286	42996	229.5	0.972	3.3	0.4	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138287	42996	230	0.972	3.3	0	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138288	42996	230	0.988	3.3	0	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138289	42996	230	0.958	3.3	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138290	42992	229.5	0.988	3.3	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138291	43008	229.5	0.988	3.4	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138292	43000	229.5	0.958	3.4	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138293	43004	229.5	0.974	3.4	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138294	43004	229.5	0.967	3.4	0	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138295	42996	229.5	0.979	3.4	0	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138296	42992	229.5	0.958	3.4	0	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138297	43004	229.5	0.983	3.4	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138298	43000	229.5	0.979	3.4	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0

138299	43008	229.5	0.947	3.3	-0.3	329.1	0	0	84.6	84.4	23.7	23.5	0	0
138300	42996	229.5	0.979	3.3	-0.3	329.1	0	0	84.6	84.4	23.7	23.5	0	0
138301	43000	229.5	0.958	3.3	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138302	43004	229.5	0.958	3.3	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138303	43004	229.5	0.953	3.3	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138304	42996	229.5	0.979	3.3	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138305	43000	229.5	0.983	3.3	0	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138306	43004	229.5	0.958	3.3	0.4	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138307	42992	229.5	0.983	3.3	0	329.1	0	0	84.6	84.6	23.7	23.5	0	0
138308	42992	229.5	0.967	3.3	-0.3	329.1	0	0	84.6	84.6	23.7	23.5	0	0
138309	43000	229.5	0.953	3.3	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138310	42992	229.5	0.967	3.3	-0.7	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138311	43000	229.5	0.942	3.3	-0.7	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138312	42996	229.5	0.988	3.3	-0.3	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138313	42996	229.5	0.988	3.3	-0.3	329.1	0	0	84.4	84.6	23.7	23.5	0	0
138314	42992	229.5	0.983	3.3	-0.3	329.1	0	0	84.4	84.6	23.9	23.5	0	0
138315	43004	229.5	0.986	3.3	-0.3	329.1	0	0	84.4	84.4	23.9	23.5	0	0
138316	42992	229.5	0.974	3.4	-0.3	329.1	0	0	84.4	84.4	23.9	23.5	0	0
138317	42996	229.5	0.974	3.4	-0.3	329.1	0	0	84.4	84.6	23.9	23.5	0	0
138318	43004	229.5	0.974	3.4	0	329.1	0	0	84.4	84.6	23.9	23.5	0	0
138319	43000	229.5	0.96	3.4	0	329.1	0	0	84.4	84.6	23.9	23.5	0	0
138320	42992	229.5	0.981	3.4	0	329.1	0	0	84.4	84.6	23.9	23.5	0	0
138321	42992	229.5	0.99	3.4	0	329.1	0	0	84.4	84.4	23.9	23.6	0	0
138322	43008	229.5	0.965	3.4	0.4	329.1	0	0	84.4	84.4	23.9	23.6	0	0
138323	43004	229.5	0.974	3.3	0.4	329.1	0	0	84.4	84.4	23.9	23.6	0	0
138324	42996	229.5	0.958	3.3	0.4	329.1	0	0	84.4	84.4	23.9	23.6	0	0
138325	42996	229.5	0.983	3.3	-0.3	329.1	0	0	84.4	84.4	23.9	23.6	0	0
138326	43000	229.5	0.958	3.3	-0.7	329.1	0	0	84.4	84.4	23.9	23.6	0	0
138327	42996	229.5	0.983	3.3	-0.7	329.1	0	0	84.4	84.6	23.9	23.6	0	0
138328	42996	229.5	0.963	3.3	-0.3	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138329	43000	229.5	0.942	3.3	0	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138330	43000	229.5	0.997	3.3	0	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138331	43004	229.5	0.951	3.3	-0.3	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138332	43004	229.5	0.981	3.3	-0.7	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138333	42992	229.5	0.981	3.3	-0.7	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138334	42996	229.5	0.976	3.3	-0.7	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138335	43004	229.5	0.956	3.3	0	329.1	0	0	84.2	84.6	23.7	23.6	0	0
138336	43000	229.5	0.97	3.3	0	329.1	0	0	84.2	84.6	23.7	23.6	0	0
138337	43000	229.5	1.002	3.3	0	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138338	43008	229.5	0.965	3.4	-0.3	329.1	0	0	84.4	84.6	23.7	23.6	0	0
138339	42996	229.5	0.981	3.4	-0.7	329.1	0	0	84.2	84.6	23.7	23.6	0	0
138340	43000	229.5	0.981	3.4	-0.7	329.1	0	0	84.2	84.6	23.7	23.6	0	0
138341	42996	229.5	0.97	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138342	43000	229.5	1.002	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138343	43004	229.5	0.97	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138344	42996	229.5	0.956	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138345	43004	229	0.949	3.3	-0.3	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138346	43000	229.5	0.99	3.3	-0.3	329.1	0	0	84.4	84.4	23.7	23.5	0	0
138347	42996	229	0.981	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138348	43000	229	0.944	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138349	43004	229	0.99	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138350	42996	229	0.935	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138351	42996	229	0.965	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138352	42996	229	0.97	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138353	42996	229	0.965	3.3	0.4	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138354	43000	229	0.986	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138355	42992	229.5	0.99	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138356	43004	229.5	0.97	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138357	42992	229	0.965	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138358	43000	229	0.981	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138359	42996	229.5	0.97	3.4	-0.7	329.1	0	0	84.1	84.4	23.7	23.5	0	0
138360	42992	229	0.944	3.4	-0.3	329.1	0	0	84.1	84.4	23.7	23.5	0	0
138361	43004	229	0.976	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138362	43004	229	0.96	3.4	0.4	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138363	42996	229	0.981	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138364	42996	229	0.97	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138365	43004	229	0.949	3.4	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138366	43004	229	0.976	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138367	42996	229	0.96	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138368	43004	229	0.956	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138369	42992	229	0.976	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0

138370	43004	229	0.986	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138371	42996	229	0.96	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138372	43004	229	0.96	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138373	42992	229	0.944	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138374	42992	229	0.96	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138375	42992	229	0.99	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138376	42992	229.5	0.981	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138377	42996	229	0.974	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138378	43004	229	0.99	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138379	42988	229	0.956	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138380	42996	229.5	0.96	3.4	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138381	43000	229	0.96	3.4	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138382	42996	229	0.995	3.4	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138383	42996	229	0.96	3.4	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138384	43000	229	0.972	3.4	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138385	43008	229	0.942	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138386	42996	229	0.967	3.3	0.4	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138387	42996	229	0.979	3.3	0.4	329.1	0	0	84.2	84.6	23.7	23.5	0	0
138388	42996	229	0.983	3.3	0	329.1	0	0	84.2	84.6	23.7	23.5	0	0
138389	42996	229	0.963	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138390	42996	229.5	0.963	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138391	43000	229	0.942	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138392	42996	229	0.967	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138393	43004	229	0.958	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138394	42996	229	0.947	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138395	42988	229	0.983	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138396	42996	229	0.979	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138397	43004	229	0.972	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138398	42996	229	0.988	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138399	43000	229	0.988	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138400	42996	229	0.983	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138401	42996	229	0.983	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138402	42996	229	0.988	3.4	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138403	42996	229	0.967	3.4	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138404	43008	229	0.951	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138405	43000	229	0.958	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138406	43000	229	0.967	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138407	43008	229	0.958	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138408	43004	229	0.942	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138409	42996	229	0.972	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138410	43004	229	0.963	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138411	42996	229	0.979	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138412	43008	229	0.963	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138413	43004	229	0.958	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138414	43004	229	0.992	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138415	42996	229	0.979	3.3	0.4	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138416	43004	229	0.979	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138417	43000	229	1.004	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138418	43000	229	1.004	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138419	42996	229	0.995	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138420	42996	229	0.99	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138421	43000	229	0.981	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138422	42996	229	0.981	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138423	43000	229	0.949	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138424	43004	229	0.981	3.4	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138425	43000	229	0.97	3.3	-0.7	329.1	0	0	84.1	84.6	23.7	23.5	0	0
138426	42996	229	0.976	3.3	-0.7	329.1	0	0	84.1	84.6	23.7	23.5	0	0
138427	43000	229	0.944	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138428	43000	229	0.947	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138429	42996	229	0.972	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138430	42996	229	0.967	3.3	0.4	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138431	43000	229	0.979	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138432	43000	229	0.958	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138433	43000	229	0.972	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138434	43008	229	0.951	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138435	42996	229	0.967	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138436	43008	229	0.97	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138437	43004	229	0.965	3.3	0	329.1	0	0	84.1	84.6	23.7	23.5	0	0
138438	42992	229	0.976	3.3	0	329.1	0	0	84.1	84.6	23.7	23.5	0	0
138439	42992	229	0.976	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138440	42996	229	0.97	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0

138441	42996	229	0.99	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138442	43000	229	0.995	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138443	43000	229	0.97	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138444	42996	229	0.965	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138445	42996	229	0.972	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138446	42996	229	0.992	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138447	43000	229	0.988	3.3	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138448	43000	229	0.992	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138449	42996	228.5	0.979	3.4	0	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138450	42996	229	0.988	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138451	42996	229	0.972	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138452	42996	228.5	0.983	3.3	-0.7	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138453	43004	229	0.963	3.3	-0.3	329.1	0	0	84.2	84.4	23.7	23.5	0	0
138454	42996	229	0.958	3.3	0	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138455	43000	229	0.958	3.3	0	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138456	43008	229	0.942	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138457	43000	229	0.942	3.3	-0.7	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138458	43000	229	0.967	3.3	-0.7	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138459	43008	229	0.979	3.3	-0.7	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138460	43004	229	0.988	3.3	-0.3	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138461	43000	229	0.958	3.3	0	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138462	43000	229	0.96	3.3	0	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138463	42992	228.5	0.99	3.3	0	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138464	42992	228.5	0.986	3.3	0	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138465	43000	228.5	0.944	3.3	-0.3	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138466	42996	229	0.986	3.3	-0.7	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138467	42996	228.5	0.986	3.3	-0.7	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138468	43000	228.5	0.976	3.3	-0.3	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138469	43000	228.5	0.96	3.4	0.4	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138470	43000	228.5	0.96	3.4	0.4	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138471	43004	228.5	0.967	3.4	0	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138472	42996	228.5	0.976	3.4	-0.7	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138473	43000	228.5	0.963	3.4	-0.7	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138474	42996	228.5	0.951	3.3	-0.7	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138475	43000	229	0.951	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138476	43004	228.5	0.972	3.3	0	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138477	42996	228.5	0.963	3.3	0	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138478	42992	228.5	0.963	3.3	-0.3	329.1	0	0	84.1	84.4	23.9	23.5	0	0
138479	42996	228.5	0.963	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138480	43000	228.5	0.96	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138481	42996	229	0.986	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138482	43004	228.5	0.965	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138483	42992	229	0.949	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138484	42996	229	0.96	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138485	43004	229	0.986	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138486	43000	229	0.965	3.3	-0.7	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138487	42996	229	0.995	3.3	-0.7	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138488	42996	229	0.979	3.3	-0.7	328.7	0	0	84.2	84.4	23.9	23.5	0	0
138489	42996	229	0.988	3.3	-0.7	328.7	0	0	84.2	84.4	23.9	23.5	0	0
138490	43000	229	0.999	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.5	0	0
138491	43004	229	0.967	3.4	0	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138492	42996	229	0.983	3.4	0	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138493	43000	228.5	0.967	3.3	0	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138494	42996	228.5	0.947	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138495	43000	228.5	0.958	3.3	-0.3	329.1	0	0	84.2	84.6	23.9	23.6	0	0
138496	43000	229	0.958	3.3	-0.7	329.1	0	0	84.2	84.6	23.9	23.6	0	0
138497	43000	228.5	0.953	3.1	-0.3	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138498	42996	228.5	0.942	3.1	-0.3	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138499	43004	229	0.967	3.1	0	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138500	42996	229	0.983	3.3	0.4	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138501	43000	229	0.999	3.3	0	329.1	0	0	84.2	84.6	23.9	23.6	0	0
138502	43000	229	0.958	3.3	-0.3	329.1	0	0	84.2	84.6	23.9	23.6	0	0
138503	43004	228.5	0.999	3.3	-0.7	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138504	43004	229	0.983	3.3	-0.3	329.1	0	0	84.2	84.4	24	23.6	0	0
138505	42996	228.5	0.974	3.3	0	329.1	0	0	84.2	84.4	24	23.6	0	0
138506	43004	228.5	0.97	3.3	0.4	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138507	42996	228.5	0.97	3.3	0	329.1	0	0	84.1	84.6	23.9	23.6	0	0
138508	42992	228.5	0.965	3.3	-0.3	329.1	0	0	84.1	84.6	23.9	23.6	0	0
138509	43004	229	0.949	3.3	-0.7	329.1	0	0	84.2	84.6	23.9	23.6	0	0
138510	43000	228.5	0.944	3.3	-0.7	329.1	0	0	84.2	84.6	23.9	23.6	0	0
138511	43000	228.5	0.96	3.3	-0.3	329.1	0	0	84.1	84.6	23.9	23.6	0	0

138512	43004	228.5	0.96	3.3	0	329.1	0	0	84.1	84.6	23.9	23.6	0	0
138513	43000	228.5	0.97	3.3	0	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138514	43000	228.5	0.965	3.3	-0.3	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138515	42992	228.5	0.981	3.3	-0.7	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138516	43000	228.5	0.956	3.3	-0.7	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138517	42992	229	0.995	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138518	43000	229	0.956	3.3	0	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138519	43000	228.5	0.97	3.3	0.4	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138520	43004	228.5	0.976	3.3	0	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138521	43000	228.5	0.97	3.3	-0.3	329.1	0	0	84.1	84.6	23.9	23.6	0	0
138522	43000	228.5	0.995	3.3	-0.3	329.1	0	0	84.1	84.6	23.9	23.6	0	0
138523	42992	228.5	0.965	3.3	-0.7	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138524	42992	228.5	0.986	3.3	-0.7	328.7	0	0	84.1	84.4	23.9	23.6	0	0
138525	43000	228.5	0.981	3.4	-0.3	328.7	0	0	84.2	84.4	23.9	23.6	0	0
138526	42992	229	0.99	3.4	0	328.7	0	0	84.2	84.4	23.9	23.6	0	0
138527	43000	229	0.96	3.4	0	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138528	42996	228.5	1.002	3.4	0	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138529	42996	228.5	0.981	3.4	-0.3	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138530	43000	228.5	0.97	3.4	-0.3	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138531	43004	228.5	0.97	3.4	-0.3	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138532	43004	228.5	0.931	3.3	-0.7	329.1	0	0	84.1	84.4	23.9	23.6	0	0
138533	43004	228.5	0.97	3.3	-0.7	328.7	0	0	84.1	84.4	23.9	23.6	0	0
138534	42996	228.5	0.94	3.3	-0.7	328.7	0	0	84.1	84.4	23.9	23.6	0	0
138535	43004	228.5	0.981	3.3	-0.3	328.7	0	0	84.2	84.6	23.9	23.6	0	0
138536	43000	228.5	0.935	3.3	0	328.7	0	0	84.2	84.6	23.9	23.6	0	0
138537	43004	228.5	0.986	3.3	0	328.7	0	0	84.1	84.6	23.9	23.6	0	0
138538	43000	228.5	0.956	3.3	0	329.1	0	0	84.1	84.6	23.9	23.6	0	0
138539	43004	228.5	0.981	3.3	-0.3	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138540	42992	228.5	0.981	3.3	-0.7	329.1	0	0	84.2	84.4	23.9	23.6	0	0
138541	43000	228.5	0.97	3.3	-0.7	328.7	0	0	84.2	84.4	23.9	23.6	0	0
138542	43000	228.5	0.944	3.3	-0.3	329.1	0	0	84.2	84.4	24	23.6	0	0
138543	42992	228.5	0.974	3.3	0.4	329.1	0	0	84.2	84.4	24	23.6	0	0
138544	43000	228.5	0.97	3.3	0.4	329.1	0	0	84.2	84.4	24	23.6	0	0
138545	42996	228.5	0.956	3.3	0	329.1	0	0	84.2	84.6	24	23.6	0	0
138546	42996	228.5	0.974	3.3	-0.3	329.1	0	0	84.2	84.6	24	23.6	0	0
138547	42992	228.5	0.96	3.3	-0.7	329.1	0	0	84.2	84.6	24	23.6	0	0
138548	43000	228.5	0.981	3.3	-0.3	328.7	0	0	84.2	84.6	24	23.6	0	0
138549	42996	228.5	0.976	3.4	-0.3	328.7	0	0	84.2	84.6	24	23.6	0	0
138550	43000	228.5	0.988	3.4	0	328.7	0	0	84.2	84.6	24	23.6	0	0
138551	42996	228.5	0.976	3.4	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138552	43004	228.5	0.988	3.4	0	329.1	0	0	84.1	84.6	24	23.6	0	0
138553	43000	228.5	0.967	3.4	0	329.1	0	0	84.2	84.6	24	23.7	0	0
138554	43004	228.5	0.958	3.4	-0.3	329.1	0	0	84.2	84.6	24	23.7	0	0
138555	43000	228.5	0.951	3.3	-0.3	329.1	0	0	84.1	84.6	24	23.7	0	0
138556	43000	228.5	0.958	3.3	-0.7	329.1	0	0	84.1	84.6	24	23.7	0	0
138557	43004	228.5	0.958	3.3	-0.7	328.7	0	0	84.1	84.6	24	23.7	0	0
138558	43004	228.5	0.947	3.3	-0.7	328.7	0	0	84.1	84.6	24	23.7	0	0
138559	43004	228.5	0.951	3.3	-0.3	328.7	0	0	84.1	84.6	24	23.7	0	0
138560	43004	228.5	0.979	3.3	-0.3	328.7	0	0	84.1	84.6	24	23.7	0	0
138561	42996	228.5	0.947	3.3	0	328.7	0	0	84.1	84.6	24	23.7	0	0
138562	43000	229	0.958	3.3	0.4	329.1	0	0	84.1	84.6	24	23.7	0	0
138563	43000	229	0.972	3.3	0	329.1	0	0	84.2	84.6	24	23.7	0	0
138564	43000	229	0.979	3.3	-0.3	329.1	0	0	84.2	84.6	24	23.7	0	0
138565	42992	229	0.963	3.3	-0.7	329.1	0	0	84.2	84.6	24	23.7	0	0
138566	42992	229	0.972	3.3	-0.3	329.1	0	0	84.2	84.6	24	23.7	0	0
138567	43000	229	0.999	3.3	-0.3	329.1	0	0	84.1	84.6	24	23.7	0	0
138568	42996	229	1.008	3.3	0	329.1	0	0	84.1	84.6	24	23.7	0	0
138569	42996	229	0.958	3.4	0	329.1	0	0	84.2	84.6	24	23.7	0	0
138570	43000	229	0.967	3.4	-0.3	329.1	0	0	84.2	84.6	24	23.7	0	0
138571	42992	229	0.979	3.4	-0.7	329.1	0	0	84.1	84.6	24	23.7	0	0
138572	43000	229	0.958	3.4	-0.7	329.1	0	0	84.1	84.6	24	23.7	0	0
138573	42992	229	0.967	3.4	-0.3	329.1	0	0	84.1	84.6	24	23.7	0	0
138574	42992	229	0.972	3.4	0	329.1	0	0	84.1	84.6	24	23.7	0	0
138575	43000	229	0.972	3.4	0	329.1	0	0	84.2	84.6	24	23.7	0	0
138576	43004	229	0.983	3.3	0	329.1	0	0	84.2	84.6	24	23.7	0	0
138577	42996	229	0.942	3.3	-0.3	329.1	0	0	84.2	84.6	24	23.7	0	0
138578	42996	229	0.979	3.3	-0.7	329.1	0	0	84.2	84.6	24	23.7	0	0
138579	42996	229	0.972	3.3	-0.7	328.7	0	0	84.2	84.4	24	23.7	0	0
138580	42996	229	0.979	3.3	-0.3	328.7	0	0	84.2	84.4	24.1	23.7	0	0
138581	43004	229	0.963	3.3	0	328.7	0	0	84.1	84.6	24.1	23.7	0	0
138582	43000	229	0.979	3.3	0	328.7	0	0	84.1	84.6	24.1	23.7	0	0

138583	42996	229	0.979	3.3	0	329.1	0	0	84.2	84.6	24.1	23.7	0	0
138584	42992	229	0.958	3.3	-0.3	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138585	43000	229	0.974	3.3	-0.7	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138586	43004	229	0.967	3.3	-0.7	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138587	43000	229	0.979	3.3	-0.3	328.7	0	0	84.1	84.6	24.1	23.7	0	0
138588	43004	229	0.974	3.3	0	328.7	0	0	84.1	84.6	24.1	23.7	0	0
138589	43000	229	0.958	3.3	0.4	328.7	0	0	84.1	84.6	24.1	23.7	0	0
138590	43000	229	0.979	3.3	0	329.1	0	0	84.1	84.6	24.1	23.7	0	0
138591	43000	229	0.983	3.3	-0.3	329.1	0	0	84.1	84.6	24.1	23.7	0	0
138592	43000	229	0.981	3.3	-0.7	329.1	0	0	84.1	84.6	24	23.7	0	0
138593	42996	229	0.949	3.3	-0.7	329.1	0	0	84.1	84.6	24	23.7	0	0
138594	43000	228.5	0.956	3.3	-0.3	328.7	0	0	84.1	84.6	24	23.7	0	0
138595	43000	228.5	0.956	3.3	0	328.7	0	0	84.1	84.4	24	23.7	0	0
138596	43004	228.5	0.97	3.3	0.4	329.1	0	0	84.1	84.4	24	23.7	0	0
138597	43012	228.5	0.976	3.3	0	329.1	0	0	84.1	84.6	24	23.7	0	0
138598	43000	228.5	0.965	3.3	-0.3	329.1	0	0	84.1	84.6	24	23.7	0	0
138599	43004	228.5	0.944	3.3	-0.7	329.1	0	0	84.1	84.4	24	23.7	0	0
138600	42996	229	0.981	3.3	-0.7	328.7	0	0	84.1	84.4	24	23.7	0	0
138601	42996	229	0.958	3.3	-0.3	328.7	0	0	84.1	84.6	24	23.7	0	0
138602	43000	228.5	0.963	3.3	0	328.7	0	0	84.1	84.6	24	23.7	0	0
138603	42996	229	0.958	3.3	0	328.7	0	0	84.1	84.4	24	23.7	0	0
138604	42996	229	0.983	3.3	0	329.1	0	0	84.1	84.4	24	23.7	0	0
138605	42996	229	0.983	3.3	0	329.1	0	0	84.1	84.6	24	23.7	0	0
138606	42992	229	0.967	3.3	0	329.1	0	0	84.1	84.6	24	23.7	0	0
138607	42996	229	0.947	3.3	-0.3	329.1	0	0	84.1	84.6	24	23.7	0	0
138608	42988	229	0.958	3.3	-0.7	329.1	0	0	84.1	84.6	24	23.7	0	0
138609	43000	229	0.967	3.3	-0.7	328.7	0	0	84.2	84.6	24	23.7	0	0
138610	43000	229	0.947	3.4	-0.7	328.7	0	0	84.2	84.6	24	23.7	0	0
138611	42996	229	0.967	3.4	-0.7	328.7	0	0	84.1	84.6	24	23.7	0	0
138612	42992	229	0.963	3.4	-0.3	328.7	0	0	84.1	84.6	24	23.7	0	0
138613	43004	228.5	0.979	3.4	0	328.7	0	0	84.1	84.6	24	23.7	0	0
138614	43004	228.5	0.992	3.4	0	328.7	0	0	84.1	84.6	24	23.7	0	0
138615	42992	228.5	0.979	3.4	0	328.7	0	0	84.1	84.6	24	23.7	0	0
138616	43000	228.5	0.947	3.4	-0.3	328.7	0	0	84.1	84.6	24	23.7	0	0
138617	42992	228.5	0.928	3.4	-0.7	328.7	0	0	83.9	84.4	24	23.7	0	0
138618	43000	228.5	0.963	3.3	-0.7	328.7	0	0	83.9	84.4	24	23.7	0	0
138619	42996	228.5	0.958	3.3	-0.3	328.7	0	0	84.1	84.6	24	23.7	0	0
138620	43004	228.5	0.947	3.3	0	328.7	0	0	84.1	84.6	24	23.7	0	0
138621	43004	228.5	0.947	3.3	0.4	328.7	0	0	84.1	84.4	24	23.6	0	0
138622	42996	228.5	0.958	3.3	0	328.7	0	0	84.1	84.4	24	23.6	0	0
138623	43000	228.5	0.963	3.3	-0.3	328.7	0	0	84.1	84.4	24	23.6	0	0
138624	42992	228.5	0.967	3.3	-0.7	328.7	0	0	84.1	84.4	24	23.6	0	0
138625	43000	228.5	0.967	3.3	-0.3	328.7	0	0	84.1	84.4	24	23.6	0	0
138626	42996	228.5	0.967	3.3	0	328.7	0	0	84.1	84.4	24	23.6	0	0
138627	43004	228.5	0.986	3.3	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138628	43000	228.5	0.974	3.3	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138629	42996	228.5	0.974	3.3	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138630	42992	228.5	0.96	3.4	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138631	43000	228.5	0.96	3.4	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138632	42996	228.5	0.986	3.4	0	329.1	0	0	84.1	84.6	24	23.6	0	0
138633	42996	228.5	0.974	3.4	0	329.1	0	0	84.1	84.6	24	23.6	0	0
138634	43000	228.5	0.965	3.4	0	329.1	0	0	84.1	84.6	24	23.6	0	0
138635	43000	228	0.99	3.4	-0.3	329.1	0	0	84.1	84.4	24	23.6	0	0
138636	42992	228	0.956	3.4	-0.7	329.1	0	0	84.1	84.4	24	23.6	0	0
138637	43000	228	0.956	3.3	-0.7	328.7	0	0	84.1	84.6	24	23.6	0	0
138638	43004	228	0.949	3.3	-0.7	328.7	0	0	84.1	84.6	24	23.6	0	0
138639	43004	228	0.965	3.3	-1	328.7	0	0	84.1	84.6	24	23.6	0	0
138640	43000	228	0.97	3.3	-0.7	328.7	0	0	84.1	84.6	24	23.6	0	0
138641	43000	228	0.965	3.3	-0.3	328.7	0	0	84.1	84.6	24	23.6	0	0
138642	43000	228	0.956	3.3	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138643	42996	228	0.99	3.3	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138644	43004	228	0.979	3.3	0	328.7	0	0	84.1	84.6	24	23.6	0	0
138645	42996	228	0.967	3.3	-0.3	328.7	0	0	84.2	84.6	24	23.6	0	0
138646	43000	228	0.972	3.3	-0.3	328.7	0	0	84.2	84.6	24.1	23.6	0	0
138647	43000	228	0.983	3.3	-0.7	328.7	0	0	84.2	84.6	24.1	23.6	0	0
138648	43000	228	0.979	3.3	-0.7	328.7	0	0	84.2	84.6	24.1	23.6	0	0
138649	43000	228	0.958	3.3	-0.7	328.7	0	0	84.2	84.6	24.1	23.6	0	0
138650	42996	228	0.958	3.3	-0.3	328.7	0	0	84.2	84.6	24.1	23.6	0	0
138651	42992	228	0.983	3.3	0	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138652	43004	228	0.967	3.3	0.4	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138653	43000	228	0.986	3.4	0	328.7	0	0	84.2	84.6	24.1	23.7	0	0

138654	42996	228	0.949	3.4	-0.3	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138655	42996	228	0.974	3.4	-0.3	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138656	42996	228	0.995	3.4	-0.3	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138657	42996	228	1.002	3.4	-0.7	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138658	42992	228	0.956	3.4	-0.7	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138659	43000	228	0.965	3.4	-0.3	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138660	43000	228	0.986	3.4	0	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138661	43000	228	0.96	3.4	0	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138662	42992	228	0.979	3.4	0	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138663	42996	228	0.988	3.4	0	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138664	42996	228	0.958	3.4	-0.3	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138665	43004	228	0.951	3.4	-0.7	328.7	0	0	84.1	84.6	24.1	23.7	0	0
138666	43000	228	0.967	3.4	-0.3	328.7	0	0	84.1	84.6	24.1	23.7	0	0
138667	43004	228	0.942	3.4	-0.3	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138668	42996	228	0.967	3.4	0	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138669	42996	228	0.967	3.4	0	328.7	0	0	84.2	84.6	24.1	23.7	0	0
138670	43008	228	0.965	3.4	0	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138671	43004	228	0.965	3.3	-0.3	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138672	43008	228	0.976	3.3	-0.7	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138673	43000	228	0.96	3.3	-0.7	328.7	0	0	84.4	84.6	24.2	23.7	0	0
138674	43000	228	0.944	3.3	-0.3	328.7	0	0	84.4	84.6	24.2	23.7	0	0
138675	43008	228	0.99	3.3	0	328.7	0	0	84.2	84.4	24.2	23.7	0	0
138676	43004	228	0.944	3.3	0	328.7	0	0	84.2	84.4	24.2	23.7	0	0
138677	42996	228	0.944	3.3	0	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138678	43000	228	0.951	3.3	-0.3	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138679	42992	228	0.979	3.3	-0.3	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138680	42996	228	0.963	3.3	-0.7	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138681	43000	228	0.958	3.3	-0.7	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138682	43004	228	0.958	3.3	-0.3	328.7	0	0	84.2	84.6	24.2	23.7	0	0
138683	43000	228	0.953	3.3	0	328.7	0	0	84.2	84.7	24.2	23.7	0	0
138684	43000	228	0.953	3.3	0	328.7	0	0	84.2	84.7	24.2	23.7	0	0
138685	42996	228	0.974	3.3	0.4	328.7	0	0	84.4	84.6	24.2	23.7	0	0
138686	43004	228	0.967	3.3	0.4	328.7	0	0	84.4	84.6	24.2	23.7	0	0
138687	43000	228	0.988	3.3	0	328.7	0	0	84.2	84.7	24.2	23.9	0	0
138688	42996	228	0.986	3.3	-0.7	328.7	0	0	84.2	84.7	24.2	23.9	0	0
138689	42992	228	0.981	3.3	-0.7	328.7	0	0	84.2	84.7	24.2	23.9	0	0
138690	42992	228	1.002	3.3	-0.7	328.7	0	0	84.2	84.7	24.2	23.9	0	0
138691	43004	228	0.949	3.4	-0.3	328.7	0	0	84.2	84.9	24.2	24	0	0
138692	42996	228	0.976	3.4	0	328.7	0	0	84.2	84.9	24.2	24	0	0
138693	42996	227.5	0.986	3.4	0.4	328.7	0	0	84.2	84.9	24.2	24	0	0
138694	43000	228	0.976	3.4	0	328.7	0	0	84.2	84.9	24.2	24	0	0
138695	42996	228	0.944	3.4	-0.3	328.7	0	0	84.2	84.9	24.2	24	0	0
138696	42992	228	0.956	3.3	-0.7	328.7	0	0	84.2	84.9	24.2	24	0	0
138697	42992	228	0.935	3.3	-0.7	328.7	0	0	84.4	84.9	24.2	24	0	0
138698	43000	228	0.976	3.3	-0.3	328.7	0	0	84.4	84.9	24.2	24	0	0
138699	42996	228	0.965	3.3	0	328.7	0	0	84.4	84.9	24.2	24	0	0
138700	42996	228	0.981	3.3	0.4	328.7	0	0	84.4	84.9	24.2	24	0	0
138701	43000	228	0.944	3.3	0	328.7	0	0	84.2	84.7	24.2	24	0	0
138702	42996	228	0.965	3.3	0	328.7	0	0	84.2	84.7	24.2	24	0	0
138703	43000	228	0.97	3.3	-0.3	328.7	0	0	84.2	84.9	24.2	24	0	0
138704	43004	228	0.949	3.3	-0.7	328.7	0	0	84.2	84.9	24.2	24	0	0
138705	43004	228	0.972	3.3	-0.7	328.7	0	0	84.4	84.7	24.2	24	0	0
138706	42996	228	0.963	3.3	-0.3	328.7	0	0	84.4	84.7	24.2	24	0	0
138707	42996	228	0.976	3.3	0	328.7	0	0	84.4	84.9	24.2	24	0	0
138708	42992	228	0.972	3.3	0.4	328.7	0	0	84.4	84.9	24.2	24	0	0
138709	43000	228	0.972	3.3	0	328.7	0	0	84.4	84.7	24.2	24	0	0
138710	43004	228	0.963	3.4	0	328.7	0	0	84.4	84.7	24.2	24	0	0
138711	43008	228	0.988	3.4	-0.3	328.7	0	0	84.4	84.9	24.2	24	0	0
138712	43000	228	0.983	3.4	-0.7	328.7	0	0	84.4	84.9	24.2	24	0	0
138713	42996	228	0.967	3.4	-0.7	328.7	0	0	84.2	84.9	24.2	24	0	0
138714	42992	228	0.963	3.4	-0.7	328.7	0	0	84.2	84.9	24.2	24	0	0
138715	42996	228.5	0.951	3.3	-0.3	328.7	0	0	84.4	84.9	24.2	24	0	0
138716	43004	228	0.958	3.3	0	328.7	0	0	84.4	84.9	24.2	24	0	0
138717	43000	228.5	0.967	3.3	0.4	328.7	0	0	84.4	84.7	24.2	24	0	0
138718	42996	228.5	0.958	3.3	0	328.7	0	0	84.4	84.7	24.2	24	0	0
138719	43008	228.5	0.958	3.3	-0.3	328.7	0	0	84.2	84.9	24.2	24	0	0
138720	43000	228.5	0.963	3.3	-0.7	328.7	0	0	84.2	84.9	24.2	24	0	0
138721	43000	228.5	0.951	3.3	-0.7	328.7	0	0	84.4	84.9	24.2	24.1	0	0
138722	42996	228.5	0.995	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138723	42992	228.5	0.97	3.3	0	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138724	43004	228.5	0.99	3.3	0.4	328.7	0	0	84.4	84.9	24.3	24.1	0	0

138725	43000	228.5	0.981	3.3	0.4	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138726	42996	228.5	0.96	3.3	0	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138727	43004	228.5	0.97	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138728	43004	228.5	0.986	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138729	43004	228.5	0.965	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138730	43000	228.5	0.981	3.3	0	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138731	43004	228.5	0.96	3.3	0.4	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138732	43004	228.5	0.965	3.3	0	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138733	43000	228.5	0.974	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138734	43000	228.5	0.974	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138735	42996	228.5	0.949	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138736	43004	228.5	0.981	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138737	42996	228.5	0.965	3.3	0	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138738	43000	229	0.949	3.3	0	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138739	42996	228.5	0.96	3.3	0	328.7	0	0	84.2	84.9	24.3	24.2	0	0
138740	42992	228.5	0.99	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.2	0	0
138741	42992	228.5	0.97	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138742	43000	229	0.986	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138743	42996	229	0.949	3.3	-0.3	328.7	0	0	84.4	85	24.3	24.2	0	0
138744	42996	229	0.949	3.3	0	328.7	0	0	84.4	85	24.3	24.2	0	0
138745	42992	229	0.995	3.3	0.4	328.7	0	0	84.4	85	24.3	24.2	0	0
138746	43004	229	0.97	3.3	0.4	328.7	0	0	84.4	85	24.3	24.2	0	0
138747	43000	229	0.986	3.3	0	328.7	0	0	84.2	84.9	24.3	24.2	0	0
138748	43000	229	0.965	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.2	0	0
138749	42996	229	0.956	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.2	0	0
138750	43004	229	0.97	3.3	-0.7	328.7	0	0	84.2	84.9	24.3	24.2	0	0
138751	43004	229	0.94	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138752	42996	228.5	0.981	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138753	43000	229	0.97	3.3	0	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138754	43004	229	0.981	3.3	0	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138755	43004	229	0.965	3.3	0	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138756	43004	229	0.97	3.3	0.4	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138757	43004	229	0.976	3.3	0	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138758	42996	229	0.97	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138759	42992	229	0.981	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138760	43004	229	0.956	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138761	43004	229	0.995	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138762	43004	229	0.981	3.3	0	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138763	43004	229	0.981	3.3	0.4	328.7	0	0	84.2	84.9	24.3	24.2	0	0
138764	43004	229	0.97	3.3	0	328.7	0	0	84.2	84.9	24.3	24.2	0	0
138765	43000	229	0.956	3.3	0	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138766	43004	229	0.974	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.2	0	0
138767	42996	229	0.958	3.3	-0.7	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138768	43000	229	0.974	3.3	-0.7	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138769	43004	229	0.967	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138770	42992	229	0.958	3.3	0	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138771	43004	229	0.979	3.3	0.4	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138772	43004	229	0.958	3.3	0.4	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138773	43000	229	0.958	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138774	43000	229	0.96	3.3	-0.7	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138775	43000	229	0.944	3.3	-0.7	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138776	43000	229	0.956	3.3	-0.3	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138777	42992	229	0.981	3.3	0	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138778	43000	229	0.965	3.3	0	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138779	43000	229	0.949	3.3	0	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138780	43000	229	0.981	3.3	0	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138781	43004	229	0.956	3.3	0	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138782	42996	229	0.956	3.3	-0.3	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138783	42996	229	0.963	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138784	43004	229	0.967	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138785	43000	229	0.988	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138786	43000	229	0.963	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138787	42996	229	0.963	3.3	-0.7	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138788	42996	229	0.958	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138789	42996	229	0.958	3.3	-0.3	328.4	0	0	84.2	84.7	24.3	24.1	0	0
138790	42992	229	1.004	3.3	-0.3	328.4	0	0	84.2	84.7	24.3	24.1	0	0
138791	42992	229	0.972	3.3	-0.7	328.4	0	0	84.2	84.9	24.3	24.1	0	0
138792	42992	229	0.99	3.3	-0.3	328.4	0	0	84.2	84.9	24.3	24.1	0	0
138793	42996	229	0.949	3.3	0	328.4	0	0	84.2	84.7	24.3	24.1	0	0
138794	43000	229.5	0.96	3.3	0.4	328.4	0	0	84.2	84.7	24.3	24.1	0	0
138795	42992	229	0.96	3.3	0.4	328.7	0	0	84.2	84.9	24.3	24.1	0	0

138796	42992	229	0.96	3.3	0	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138797	43000	229.5	0.97	3.3	0	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138798	42996	229.5	0.981	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138799	42996	229.5	0.976	3.3	-0.3	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138800	43004	229.5	0.97	3.3	-0.7	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138801	42992	229.5	0.99	3.3	-0.3	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138802	43004	229.5	0.976	3.3	0	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138803	43000	229.5	0.986	3.3	0.4	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138804	43004	229.5	0.99	3.3	0.4	328.7	0	0	84.2	84.9	24.3	24.1	0	0
138805	42996	229.5	0.981	3.3	0	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138806	43000	229.5	0.965	3.3	-0.3	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138807	43000	229.5	0.956	3.3	-0.3	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138808	43004	229.5	0.949	3.3	-0.3	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138809	42992	229.5	0.963	3.3	0	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138810	42992	229.5	0.967	3.3	0	328.7	0	0	84.4	84.9	24.3	24.1	0	0
138811	43004	229.5	0.974	3.3	0	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138812	42996	229.5	0.967	3.3	0.4	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138813	43008	230	0.963	3.3	0	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138814	42996	230	0.958	3.3	-0.3	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138815	43004	230	0.979	3.3	-0.7	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138816	43000	230	0.983	3.3	-0.7	328.7	0	0	84.2	84.7	24.3	24.1	0	0
138817	43004	230	0.963	3.3	-0.3	328.4	0	0	84.2	84.7	24.3	24.1	0	0
138818	43000	230	0.988	3.3	0	328.4	0	0	84.2	84.7	24.3	24.1	0	0
138819	42996	229.5	0.963	3.3	0	328.7	0	0	84.2	84.6	24.3	24	0	0
138820	43004	230	0.947	3.3	0	328.7	0	0	84.2	84.6	24.3	24	0	0
138821	43004	230	0.983	3.3	-0.3	328.7	0	0	84.2	84.6	24.3	24	0	0
138822	42992	229.5	0.979	3.3	-0.3	328.4	0	0	84.2	84.6	24.3	24	0	0
138823	42992	230	0.963	3.3	-0.7	328.4	0	0	84.2	84.7	24.3	24	0	0
138824	42992	229.5	0.963	3.3	-0.7	328.4	0	0	84.2	84.7	24.3	24	0	0
138825	42992	229.5	0.979	3.3	-0.7	328.4	0	0	84.2	84.6	24.3	24	0	0
138826	43004	229.5	0.965	3.3	-0.3	328.4	0	0	84.2	84.6	24.2	24	0	0
138827	43000	229.5	0.981	3.3	0	328.4	0	0	84.2	84.6	24.2	24	0	0
138828	42996	229.5	0.976	3.3	0	328.4	0	0	84.2	84.6	24.2	24	0	0
138829	43004	229.5	0.976	3.3	-0.3	328.4	0	0	84.2	84.6	24.2	23.9	0	0
138830	43004	229.5	0.986	3.3	-0.7	328.4	0	0	84.2	84.6	24.2	23.9	0	0
138831	42996	229.5	0.97	3.3	-0.7	328.4	0	0	84.2	84.6	24.2	23.9	0	0
138832	43000	229.5	0.97	3.3	-0.3	328.4	0	0	84.2	84.6	24.2	23.9	0	0
138833	43004	229.5	0.976	3.3	0	328.4	0	0	84.2	84.6	24.2	23.9	0	0
138834	43004	229.5	0.981	3.3	0.4	328.4	0	0	84.2	84.6	24.2	23.9	0	0
138835	43000	229.5	0.97	3.3	0	328.4	0	0	84.2	84.6	24.2	23.9	0	0
138836	42996	229.5	0.97	3.3	-0.3	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138837	43004	229	0.981	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138838	42996	229.5	0.96	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138839	43000	229.5	0.981	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138840	43000	229	0.976	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138841	43000	229	0.965	3.3	0.4	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138842	42996	229.5	0.965	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138843	43004	229	0.976	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138844	43000	229	0.97	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138845	43000	229	0.956	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138846	43004	229	0.956	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138847	43000	229	0.956	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138848	42996	229	0.99	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138849	42996	229	0.981	3.3	0.4	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138850	43000	229	0.965	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138851	42992	229	0.981	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138852	42996	229	0.976	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138853	43000	229	0.94	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138854	42992	229	0.94	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138855	42996	229	0.965	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138856	42992	229	0.965	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138857	43000	229	0.97	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138858	43004	229	0.965	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138859	43000	229	0.956	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138860	43000	229	0.965	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138861	42996	229	0.967	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138862	43004	229	0.947	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138863	43004	229	0.963	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138864	43000	229	0.972	3.3	0.4	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138865	43004	229	0.958	3.3	0.4	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138866	42992	229	0.972	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0

138867	42996	229	0.947	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138868	43000	229	0.963	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138869	42996	229	0.963	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138870	43004	229	0.958	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138871	43004	229	0.983	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138872	42996	229	0.967	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138873	43000	229	0.972	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138874	43004	229	0.967	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138875	42996	229	0.979	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138876	42996	229	0.947	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138877	42996	229	0.979	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138878	42992	229	0.965	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138879	43000	229	0.981	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138880	43004	229	0.965	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138881	43000	229	0.99	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138882	43000	229	0.949	3.3	0	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138883	42996	229	0.974	3.3	0.4	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138884	43004	229	0.974	3.3	0.4	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138885	43000	229	0.974	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138886	42992	229	0.949	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138887	42996	229	0.99	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138888	42996	229	0.944	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138889	43000	229	0.96	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138890	43004	229	0.965	3.3	0	328.4	0	0	84.1	84.6	24.1	23.7	0	0
138891	43008	229	0.976	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138892	42996	229	0.981	3.3	0	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138893	43000	228.5	0.976	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138894	43000	228.5	0.96	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138895	42996	229	0.944	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138896	43000	229	0.988	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138897	43000	229	0.967	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138898	43000	229	1.004	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138899	43000	229	0.958	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138900	42996	229	0.958	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138901	43000	229	0.999	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138902	42992	229	0.963	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138903	43000	229	0.999	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138904	42988	229	0.96	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138905	42992	229	1.002	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138906	43000	229	0.99	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138907	42992	229	0.965	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138908	43004	229	0.965	3.3	0.4	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138909	43004	229	0.97	3.4	0.4	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138910	43004	229	0.96	3.4	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138911	43004	229	0.981	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138912	42996	229	0.986	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138913	43004	229	0.963	3.3	-0.7	328.4	0	0	84.2	84.4	24.1	23.9	0	0
138914	43000	229	0.967	3.3	-0.7	328.4	0	0	84.2	84.4	24.1	23.9	0	0
138915	43004	229	0.972	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138916	42996	229	0.947	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138917	42996	229	0.983	3.3	0.4	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138918	43004	229	0.963	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138919	42996	229	0.963	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138920	42996	229	0.972	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138921	42992	229	0.979	3.3	-0.7	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138922	42996	229	0.976	3.3	-0.3	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138923	43000	229	0.981	3.3	0	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138924	43000	229	0.97	3.3	0.4	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138925	43000	229	0.981	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138926	43000	229	0.99	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138927	42992	229	0.976	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138928	43000	229	0.981	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138929	42996	229	0.976	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138930	43000	229	0.981	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138931	43004	229	0.956	3.4	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138932	43004	229	0.965	3.3	0.4	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138933	43004	229	0.97	3.3	0	328.4	0	0	84.1	84.7	24.1	23.9	0	0
138934	42996	229	0.97	3.3	-0.3	328.4	0	0	84.1	84.7	24.1	23.9	0	0
138935	43004	229	0.986	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138936	42992	229	0.944	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138937	42996	229	0.981	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0

138938	43000	229	0.986	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138939	43000	229	0.979	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138940	43004	229	0.958	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138941	43000	229	0.958	3.3	0.4	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138942	42996	229	0.947	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138943	42996	229	0.947	3.3	0	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138944	43000	229	0.972	3.3	-0.3	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138945	43004	229	0.983	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138946	42996	229	0.951	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138947	43004	229	0.972	3.3	0	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138948	42996	229	0.96	3.3	0	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138949	42996	229	0.949	3.3	0	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138950	42996	229	0.956	3.3	0	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138951	42996	229	0.986	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138952	42996	229	0.97	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138953	42996	229	0.97	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138954	43004	229	0.96	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138955	42992	229	0.965	3.3	0	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138956	43004	229	0.965	3.3	0.4	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138957	43000	229	0.96	3.3	0	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138958	42996	229	0.97	3.3	-0.3	328.4	0	0	84.2	84.6	24.1	23.9	0	0
138959	43004	229	0.965	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138960	42988	229	0.949	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138961	43000	229	0.97	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138962	43004	229	0.981	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138963	43004	229	0.974	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138964	43000	229	0.97	3.3	0.4	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138965	43000	229	0.953	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138966	43004	229	0.953	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138967	42992	229	0.947	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138968	43000	229	0.963	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138969	43000	229	0.988	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138970	42992	229	0.958	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138971	42996	229.5	0.988	3.3	0	328	0	0	84.1	84.6	24.1	23.9	0	0
138972	42996	229.5	0.947	3.3	0.4	328	0	0	84.1	84.6	24.1	23.9	0	0
138973	42996	229.5	0.967	3.3	0.4	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138974	42996	229.5	0.983	3.3	0	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138975	42988	229.5	0.963	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138976	43000	229.5	0.963	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138977	42992	229.5	0.988	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138978	43000	229.5	0.999	3.3	-0.7	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138979	43004	229.5	0.992	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138980	43000	229.5	0.963	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138981	43000	229.5	0.983	3.3	0.4	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138982	43000	229.5	0.972	3.3	0	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138983	43000	229.5	0.988	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138984	43000	229.5	0.983	3.3	-0.3	328.4	0	0	84.1	84.6	24.1	23.9	0	0
138985	42996	229.5	0.972	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138986	43008	229.5	0.967	3.3	-0.7	328.4	0	0	84.1	84.4	24.1	23.9	0	0
138987	42996	229.5	0.979	3.3	-0.3	328.4	0	0	84.1	84.4	24.1	23.7	0	0
138988	43004	229.5	0.958	3.3	0	328.4	0	0	84.1	84.4	24	23.7	0	0
138989	42992	229.5	0.963	3.3	0.4	328.4	0	0	84.1	84.4	24	23.9	0	0
138990	43004	229.5	0.947	3.3	0	328.4	0	0	84.1	84.4	24	23.9	0	0
138991	43000	229.5	0.981	3.3	-0.3	328.4	0	0	83.9	84.4	24	23.7	0	0
138992	42996	229.5	0.981	3.3	-0.7	328.4	0	0	83.9	84.4	24	23.7	0	0
138993	43000	229.5	0.965	3.3	-0.7	328.4	0	0	83.9	84.4	24	23.7	0	0
138994	43004	229.5	0.97	3.3	-0.3	328.4	0	0	83.9	84.4	24	23.7	0	0
138995	42996	229.5	0.97	3.3	0	328.4	0	0	84.1	84.4	24	23.7	0	0
138996	42996	229.5	0.981	3.3	0.4	328.4	0	0	84.1	84.4	24	23.7	0	0
138997	43000	229	0.995	3.3	0	328.4	0	0	84.1	84.4	24	23.7	0	0
138998	43004	229.5	0.986	3.3	0	328.4	0	0	84.1	84.4	24	23.7	0	0
138999	42992	229	0.965	3.3	-0.3	328.4	0	0	84.1	84.6	24	23.7	0	0
139000	43004	229	0.981	3.3	-0.7	328.4	0	0	84.1	84.6	24	23.7	0	0
139001	43004	229	0.981	3.3	-0.3	328.4	0	0	83.9	84.4	24	23.7	0	0
139002	43008	229	0.97	3.3	-0.3	328.4	0	0	83.9	84.4	24	23.7	0	0
139003	43004	229	0.974	3.3	0	328.4	0	0	83.9	84.4	24	23.7	0	0
139004	43000	229	0.986	3.3	0.4	328.4	0	0	83.9	84.4	24	23.7	0	0
139005	43000	229	0.965	3.3	0.4	328.4	0	0	83.9	84.4	24	23.7	0	0
139006	43000	229	0.965	3.3	0	328.4	0	0	83.9	84.4	24	23.7	0	0
139007	43004	229	0.96	3.3	-0.3	328.4	0	0	83.9	84.4	24	23.7	0	0
139008	43000	229	0.97	3.3	-0.7	328.4	0	0	83.9	84.4	24	23.7	0	0

139009	42996	229	0.976	3.3	-0.7	328.4	0	0	84.1	84.4	24	23.7	0	0
139010	43004	229	0.97	3.3	-0.3	328.4	0	0	84.1	84.4	24	23.7	0	0
139011	43004	229	0.976	3.3	-0.3	328.4	0	0	83.9	84.4	24	23.7	0	0
139012	42992	229	0.976	3.3	0	328.4	0	0	83.9	84.4	24	23.7	0	0
139013	42996	229	0.965	3.3	0	328.4	0	0	84.1	84.4	24	23.7	0	0
139014	43000	229.5	0.96	3.3	0	328.4	0	0	84.1	84.4	24	23.7	0	0
139015	42996	229.5	0.965	3.3	-0.3	328.4	0	0	83.9	84.4	24	23.7	0	0
139016	42996	229.5	0.976	3.3	-0.7	328.4	0	0	83.9	84.4	24	23.7	0	0
139017	42992	229.5	0.983	3.3	-0.7	328.4	0	0	83.9	84.4	24	23.7	0	0
139018	43008	229.5	0.958	3.3	-0.3	328.4	0	0	83.9	84.4	24	23.7	0	0
139019	43000	229.5	0.988	3.3	0	328.4	0	0	83.9	84.4	24	23.7	0	0
139020	43000	229.5	0.974	3.3	0	328.4	0	0	83.9	84.4	24	23.7	0	0
139021	43004	229.5	0.963	3.3	0.4	328.4	0	0	83.9	84.4	24	23.7	0	0
139022	42996	229.5	0.963	3.3	0	328.4	0	0	83.9	84.4	24	23.7	0	0
139023	42992	229	0.967	3.3	-0.3	328.4	0	0	83.9	84.2	24	23.7	0	0
139024	42992	229	0.963	3.3	-0.7	328.4	0	0	83.9	84.2	24	23.7	0	0
139025	43004	229	0.942	3.3	-0.7	328.4	0	0	83.9	84.2	24	23.7	0	0
139026	43008	229	0.965	3.3	-0.3	328.4	0	0	83.9	84.2	24	23.7	0	0
139027	43000	229	0.944	3.3	0	328.4	0	0	84.1	84.2	24	23.7	0	0
139028	42996	229	0.97	3.3	0	328.4	0	0	84.1	84.2	24	23.7	0	0
139029	43000	229	0.97	3.3	0	328.4	0	0	83.9	84.2	24	23.6	0	0
139030	42996	229	0.956	3.3	-0.3	328.4	0	0	83.9	84.2	24	23.6	0	0
139031	43004	229	0.976	3.3	-0.7	328.4	0	0	83.9	84.2	24	23.6	0	0
139032	43000	229	0.949	3.3	-0.7	328.4	0	0	83.9	84.2	24	23.6	0	0
139033	43004	229	0.99	3.1	-0.7	328.4	0	0	83.9	84.2	24	23.6	0	0
139034	43000	229	0.963	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139035	43000	229	0.947	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139036	43000	229	0.983	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139037	43004	229	0.951	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139038	43000	229	0.958	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139039	43000	229	0.951	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139040	42996	229	0.958	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139041	42996	229	0.983	3.3	-0.7	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139042	42992	229	0.958	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139043	43000	229	0.99	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139044	42996	229	0.96	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139045	42996	229	0.986	3.3	0.4	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139046	42996	229	0.995	3.3	0.4	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139047	43004	229	0.96	3.3	0	328.4	0	0	83.9	84.2	23.9	23.5	0	0
139048	43004	228.5	0.97	3.3	0	328.4	0	0	83.9	84.2	23.9	23.5	0	0
139049	42996	228.5	0.965	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.5	0	0
139050	43000	228.5	0.974	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.5	0	0
139051	43004	228.5	0.981	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.5	0	0
139052	42996	228.5	0.967	3.3	-0.7	328.4	0	0	83.9	84.2	23.9	23.5	0	0
139053	43000	228.5	0.967	3.3	-0.7	328.4	0	0	83.9	84.2	23.9	23.5	0	0
139054	42996	228.5	0.947	3.3	-0.7	328	0	0	83.9	84.2	23.9	23.5	0	0
139055	42996	228.5	0.967	3.3	-0.7	328	0	0	83.9	84.2	23.9	23.5	0	0
139056	42996	229	0.976	3.3	-0.7	328	0	0	83.9	84.2	23.9	23.5	0	0
139057	42996	229	0.976	3.3	0	328	0	0	83.9	84.4	23.9	23.5	0	0
139058	43000	229	0.963	3.3	0.4	328.4	0	0	83.9	84.4	23.9	23.5	0	0
139059	43004	229	0.976	3.3	0.4	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139060	43004	229	0.965	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139061	42992	229	0.981	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139062	43004	229	0.944	3.3	-0.7	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139063	43000	229	0.974	3.3	-0.7	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139064	43000	229	0.974	3.1	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139065	43000	229	0.974	3.1	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139066	42996	229	0.949	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139067	43000	229	0.965	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139068	42992	229	0.965	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139069	43000	229	0.983	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139070	42992	229	0.967	3.3	-0.7	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139071	42996	229	0.967	3.3	-0.7	328.4	0	0	84.1	84.4	23.9	23.6	0	0
139072	42992	229	0.963	3.3	-0.7	328.4	0	0	84.1	84.4	23.9	23.6	0	0
139073	43000	229	0.992	3.3	-0.3	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139074	42992	229	0.951	3.3	0	328.4	0	0	83.9	84.2	23.9	23.6	0	0
139075	43004	229	1.008	3.3	0.4	328.4	0	0	83.9	84.4	23.9	23.6	0	0
139076	43000	229	0.988	3.3	0	328.4	0	0	83.9	84.4	23.9	23.6	0	0
139077	43004	229	0.967	3.3	0	328.4	0	0	83.9	84.4	23.9	23.6	0	0
139078	42996	229	0.96	3.3	-0.3	328.4	0	0	83.9	84.4	23.9	23.6	0	0
139079	43000	228.5	0.995	3.3	-0.3	328.4	0	0	83.9	84.4	23.9	23.6	0	0

139080	43000	228.5	0.949	3.3	-0.3	328.4	0	0	83.9	84.4	23.9	23.6	0	0
139081	43000	228.5	0.974	3.3	-0.7	328.4	0	0	83.9	84.4	23.9	23.7	0	0
139082	42996	228.5	0.949	3.3	-0.7	328	0	0	83.9	84.4	23.9	23.7	0	0
139083	43000	229	0.981	3.3	-0.3	328	0	0	83.9	84.4	23.9	23.7	0	0
139084	43008	229	0.986	3.3	0	328	0	0	83.9	84.4	23.9	23.7	0	0
139085	43004	229	0.97	3.3	0.4	328	0	0	83.9	84.2	23.9	23.7	0	0
139086	43004	229	0.97	3.3	0.4	328.4	0	0	83.9	84.2	23.9	23.7	0	0
139087	43000	229	0.96	3.3	0	328.4	0	0	83.9	84.4	23.9	23.7	0	0
139088	42996	228.5	0.97	3.3	0	328.4	0	0	83.9	84.4	23.9	23.7	0	0
139089	43000	229	0.965	3.3	-0.3	328.4	0	0	83.9	84.4	23.9	23.7	0	0
139090	43000	229	0.965	3.3	-0.7	328	0	0	83.9	84.4	23.9	23.7	0	0
139091	43000	229	0.981	3.3	-0.7	328	0	0	84.1	84.2	23.9	23.7	0	0
139092	42996	229	0.965	3.3	-0.7	328	0	0	84.1	84.2	23.9	23.7	0	0
139093	43004	229	1.002	3.3	-0.3	328	0	0	83.9	84.4	23.9	23.7	0	0
139094	43000	228.5	0.97	3.3	0	328	0	0	83.9	84.4	23.9	23.7	0	0
139095	42996	228.5	0.963	3.3	0.4	328	0	0	83.9	84.4	23.9	23.7	0	0
139096	43004	228.5	0.963	3.3	0	328	0	0	83.9	84.4	23.9	23.7	0	0
139097	43000	228.5	0.979	3.3	-0.3	328	0	0	83.9	84.4	23.9	23.7	0	0
139098	43000	228.5	0.967	3.3	-0.3	328	0	0	83.9	84.4	23.9	23.7	0	0
139099	43000	228.5	0.983	3.3	-0.7	328	0	0	84.1	84.4	23.9	23.7	0	0
139100	43000	228.5	0.967	3.3	-0.7	328	0	0	84.1	84.4	23.9	23.7	0	0
139101	42992	228.5	0.988	3.3	-0.3	328	0	0	83.9	84.2	23.9	23.7	0	0
139102	42996	228.5	0.947	3.3	0	328	0	0	83.9	84.2	23.9	23.7	0	0
139103	43004	228.5	0.967	3.3	0.4	328	0	0	83.9	84.2	23.9	23.7	0	0
139104	43000	228.5	0.958	3.3	0.4	328	0	0	83.9	84.2	23.9	23.7	0	0
139105	43004	228.5	0.947	3.3	0	328	0	0	83.9	84.4	23.9	23.7	0	0
139106	43000	228.5	0.979	3.3	-0.3	328	0	0	83.9	84.4	23.9	23.7	0	0
139107	43000	229	0.983	3.3	-0.7	328	0	0	83.9	84.4	23.9	23.7	0	0
139108	43000	229	0.947	3.3	-0.7	328	0	0	83.9	84.4	23.9	23.7	0	0
139109	43004	229	0.942	3.3	-0.3	328	0	0	84.1	84.4	23.9	23.7	0	0
139110	43004	229	0.992	3.3	0	328	0	0	84.1	84.4	23.9	23.7	0	0
139111	43000	229	0.958	3.3	0	328	0	0	83.9	84.4	23.9	23.7	0	0
139112	43000	228.5	0.99	3.3	0	328	0	0	83.9	84.4	23.9	23.7	0	0
139113	42992	228.5	0.949	3.3	-0.3	328	0	0	84.1	84.6	23.9	23.7	0	0
139114	43000	228.5	0.981	3.3	-0.7	328	0	0	84.1	84.6	24	23.7	0	0
139115	42996	228.5	0.949	3.3	-0.7	328	0	0	83.9	84.4	24	23.9	0	0
139116	43004	228.5	0.965	3.3	-0.7	328	0	0	83.9	84.4	24	23.9	0	0
139117	43004	228.5	0.949	3.3	0	328	0	0	83.9	84.6	24	23.9	0	0
139118	43008	228.5	0.944	3.3	0.4	328	0	0	83.9	84.6	24	23.9	0	0
139119	42996	228.5	0.965	3.3	0.4	328	0	0	84.1	84.4	24	23.9	0	0
139120	43000	228.5	0.956	3.3	0	328	0	0	84.1	84.4	24	23.9	0	0
139121	42996	228.5	0.956	3.3	-0.3	328	0	0	83.9	84.4	24	23.7	0	0
139122	43000	228.5	0.956	3.3	-0.7	328	0	0	83.9	84.4	24	23.7	0	0
139123	42992	228.5	0.956	3.3	-0.3	328	0	0	83.9	84.4	24	23.7	0	0
139124	43000	228.5	0.965	3.3	0	328	0	0	83.9	84.4	24	23.7	0	0
139125	43004	228.5	0.956	3.3	0	328	0	0	83.9	84.4	24	23.7	0	0
139126	42996	228.5	0.956	3.3	0	328	0	0	83.9	84.4	24	23.7	0	0
139127	43004	228.5	0.956	3.3	0.4	328	0	0	84.1	84.4	24	23.7	0	0
139128	43000	228.5	0.981	3.3	0.4	328	0	0	84.1	84.4	24	23.7	0	0
139129	43000	228.5	0.976	3.3	0	328	0	0	83.9	84.2	24	23.7	0	0
139130	43000	228.5	0.965	3.3	-0.3	328	0	0	83.9	84.2	24	23.7	0	0
139131	43000	228.5	0.96	3.3	-0.7	328	0	0	83.9	84.4	24	23.7	0	0
139132	42996	228.5	0.96	3.3	-1	328	0	0	83.9	84.4	24	23.7	0	0
139133	42996	228.5	0.974	3.3	-0.7	328	0	0	84.1	84.4	24	23.7	0	0
139134	43004	228.5	0.949	3.1	-0.3	328	0	0	84.1	84.4	24	23.7	0	0
139135	43000	228.5	0.981	3.3	0	328	0	0	84.1	84.4	24	23.7	0	0
139136	42992	228.5	0.981	3.3	0	328	0	0	84.1	84.4	24	23.7	0	0
139137	42992	228.5	0.97	3.3	-0.3	328	0	0	84.1	84.2	24	23.7	0	0
139138	43004	228.5	0.963	3.3	-0.3	328	0	0	84.1	84.2	24	23.7	0	0
139139	42996	228.5	0.967	3.3	-0.7	328	0	0	83.9	84.4	24	23.7	0	0
139140	42992	228.5	0.947	3.3	-0.7	328	0	0	83.9	84.4	24	23.7	0	0
139141	43000	228.5	0.988	3.3	-0.3	328	0	0	84.1	84.4	24	23.7	0	0
139142	42992	228.5	0.983	3.3	0	328	0	0	84.1	84.4	24	23.7	0	0
139143	42996	228.5	0.958	3.3	0.4	328	0	0	84.1	84.4	24	23.7	0	0
139144	42996	228.5	0.974	3.3	0	328	0	0	84.1	84.4	24	23.7	0	0
139145	42992	228.5	0.953	3.3	-0.3	328	0	0	83.9	84.6	24	23.7	0	0
139146	43000	228.5	0.958	3.3	-0.7	328	0	0	83.9	84.6	24	23.7	0	0
139147	42996	228.5	0.944	3.3	-0.7	328	0	0	84.1	84.4	24	23.7	0	0
139148	42992	228.5	0.949	3.3	-0.3	328	0	0	84.1	84.4	24	23.7	0	0
139149	43004	228.5	0.97	3.3	0	327.7	0	0	84.1	84.4	24	23.7	0	0
139150	43000	228.5	0.99	3.3	0	328	0	0	84.1	84.4	24	23.7	0	0

139151	43000	228.5	0.999	3.3	0.4	328	0	0	84.1	84.6	24	23.9	0	0
139152	43000	228.5	0.96	3.3	0.4	328	0	0	84.1	84.6	24	23.9	0	0
139153	42996	228.5	0.974	3.3	0	328	0	0	84.1	84.4	24	23.9	0	0
139154	43000	228.5	0.96	3.3	-0.3	328	0	0	84.1	84.4	24	23.9	0	0
139155	43000	228.5	0.99	3.3	-0.7	327.7	0	0	84.1	84.4	24	23.7	0	0
139156	43004	228.5	0.963	3.3	-0.7	327.7	0	0	84.1	84.4	24	23.7	0	0
139157	42996	228.5	0.958	3.3	-0.3	327.7	0	0	84.1	84.4	24	23.9	0	0
139158	42992	228.5	0.951	3.3	0	327.7	0	0	84.1	84.4	24	23.9	0	0
139159	43004	228.5	0.963	3.3	0.4	328	0	0	84.1	84.4	24	23.9	0	0
139160	42996	228.5	0.983	3.3	0	328	0	0	84.1	84.4	24	23.9	0	0
139161	42992	228	0.963	3.3	-0.3	328	0	0	84.1	84.4	24	23.9	0	0
139162	42996	228	0.947	3.3	-0.3	328	0	0	84.1	84.4	24	23.9	0	0
139163	43000	228.5	0.972	3.3	-0.7	327.7	0	0	84.2	84.4	24	23.9	0	0
139164	43004	228	0.963	3.3	-0.7	327.7	0	0	84.2	84.4	24	23.9	0	0
139165	43000	228.5	0.963	3.3	-0.3	327.7	0	0	84.1	84.4	24	23.9	0	0
139166	43000	228.5	0.972	3.3	0	327.7	0	0	84.1	84.4	24	23.9	0	0
139167	42992	228	0.988	3.3	0.4	327.7	0	0	84.1	84.4	24	23.9	0	0
139168	43004	228.5	0.979	3.3	0	327.7	0	0	84.1	84.4	24	23.9	0	0
139169	42996	228.5	0.942	3.3	0	327.7	0	0	84.1	84.4	24	23.9	0	0
139170	43000	228.5	0.999	3.3	-0.3	327.7	0	0	84.1	84.4	24	23.9	0	0
139171	42992	228.5	0.979	3.3	-0.3	327.7	0	0	84.1	84.4	24	23.9	0	0
139172	42996	228.5	0.979	3.3	-0.7	327.7	0	0	84.1	84.4	24	23.9	0	0
139173	43000	228.5	0.956	3.3	-0.7	327.7	0	0	84.1	84.4	24	23.9	0	0
139174	43000	228.5	0.956	3.3	-0.3	327.7	0	0	84.1	84.4	24	23.9	0	0
139175	43004	228.5	0.96	3.3	0	327.7	0	0	84.1	84.4	24	23.9	0	0
139176	43000	228.5	0.981	3.3	0.4	327.7	0	0	84.1	84.4	24	23.9	0	0
139177	43004	228.5	0.965	3.3	0.4	327.7	0	0	84.2	84.6	24	24	0	0
139178	43004	228.5	0.965	3.3	0	327.7	0	0	84.2	84.6	24.1	24	0	0
139179	43000	228.5	0.974	3.3	-0.3	327.7	0	0	84.1	84.6	24.1	24	0	0
139180	43000	228	0.96	3.3	-0.7	327.7	0	0	84.1	84.6	24.1	24	0	0
139181	43004	228	0.965	3.3	-0.7	327.7	0	0	84.2	84.4	24.1	24	0	0
139182	42996	228	0.97	3.3	0	327.7	0	0	84.2	84.4	24.1	24	0	0
139183	43004	228.5	0.96	3.3	0.4	327.7	0	0	84.1	84.6	24.1	24	0	0
139184	43004	228	0.965	3.3	0.4	327.7	0	0	84.1	84.6	24.1	24	0	0
139185	43004	228.5	0.96	3.3	0	327.7	0	0	84.2	84.6	24.1	24	0	0
139186	43000	228.5	0.949	3.3	-0.3	327.7	0	0	84.2	84.6	24.1	24	0	0
139187	43004	228.5	0.976	3.3	-0.7	327.7	0	0	84.2	84.6	24.1	24	0	0
139188	43004	228.5	0.965	3.3	-0.7	327.7	0	0	84.2	84.6	24.1	24	0	0
139189	42992	228.5	0.976	3.3	-0.3	327.7	0	0	84.2	84.6	24.1	24	0	0
139190	42996	228.5	0.974	3.3	0	327.7	0	0	84.2	84.6	24.1	24	0	0
139191	42992	228.5	0.986	3.3	0	327.7	0	0	84.2	84.6	24.1	24	0	0
139192	43000	228.5	0.99	3.3	0	327.7	0	0	84.2	84.6	24.1	24	0	0
139193	43000	228.5	0.986	3.3	0	327.7	0	0	84.1	84.6	24.1	24	0	0
139194	43000	228.5	0.97	3.3	-0.3	327.7	0	0	84.1	84.6	24.1	24	0	0
139195	42996	228.5	0.97	3.3	-0.7	327.7	0	0	84.2	84.7	24.1	24	0	0
139196	42992	228.5	0.97	3.3	-0.7	327.7	0	0	84.2	84.7	24.1	24	0	0
139197	43000	228.5	0.99	3.4	-0.3	327.7	0	0	84.2	84.7	24.1	24	0	0
139198	43000	228.5	1.002	3.4	-0.3	327.7	0	0	84.2	84.7	24.1	24	0	0
139199	43000	228.5	0.953	3.3	0	327.7	0	0	84.1	84.6	24.1	24	0	0
139200	42996	228.5	0.958	3.3	0.4	327.7	0	0	84.1	84.6	24.1	24	0	0
139201	43004	228.5	0.967	3.3	0.4	327.7	0	0	84.2	84.7	24.1	24	0	0
139202	43000	228.5	0.942	3.3	0	327.7	0	0	84.2	84.7	24.1	24	0	0
139203	42996	229	0.947	3.3	-0.7	327.7	0	0	84.2	84.6	24.1	24	0	0
139204	42996	229	0.967	3.1	-0.7	327.7	0	0	84.2	84.6	24.1	24	0	0
139205	42996	229	0.983	3.1	-0.7	327.7	0	0	84.2	84.6	24.1	24.1	0	0
139206	42996	229	0.942	3.1	-0.3	327.7	0	0	84.2	84.6	24.1	24.1	0	0
139207	43004	229	0.979	3.1	0	327.7	0	0	84.2	84.7	24.1	24.1	0	0
139208	42996	229	0.981	3.1	0.4	327.7	0	0	84.2	84.7	24.1	24.1	0	0
139209	43000	229	0.976	3.3	0	327.7	0	0	84.2	84.7	24.1	24.1	0	0
139210	42996	229	0.965	3.3	-0.3	327.7	0	0	84.2	84.7	24.1	24.1	0	0
139211	42996	229	0.956	3.3	-0.3	327.7	0	0	84.2	84.7	24.1	24.1	0	0
139212	43004	229	0.976	3.3	-0.7	327.7	0	0	84.2	84.7	24.1	24.1	0	0
139213	43000	229	0.956	3.3	-0.3	327.7	0	0	84.2	84.6	24.1	24.1	0	0
139214	43000	229	0.981	3.3	0	327.7	0	0	84.2	84.6	24.1	24.1	0	0
139215	43008	229	0.951	3.3	0.4	327.7	0	0	84.2	84.6	24.1	24	0	0
139216	43004	229	0.951	3.3	0.4	327.7	0	0	84.2	84.6	24.1	24	0	0
139217	43004	229	0.972	3.3	0	327.7	0	0	84.2	84.6	24.1	24	0	0
139218	43008	229	0.947	3.3	-0.3	327.7	0	0	84.2	84.6	24.1	24	0	0
139219	43004	229	0.967	3.3	-0.7	327.7	0	0	84.1	84.6	24.1	24.1	0	0
139220	43000	229	0.967	3.1	-0.7	327.7	0	0	84.1	84.6	24.1	24.1	0	0
139221	43004	229	0.972	3.1	-0.3	327.7	0	0	84.1	84.6	24.1	24.1	0	0

139222	43000	229	0.983	3.1	-0.3	327.7	0	0	84.1	84.6	24.1	24.1	0	0
139223	43000	229	0.963	3.1	0	327.7	0	0	84.2	84.6	24.1	24.1	0	0
139224	42992	229	0.967	3.1	0.4	327.7	0	0	84.2	84.6	24.1	24.1	0	0
139225	42992	229	0.981	3.1	0.4	327.7	0	0	84.1	84.6	24.1	24.1	0	0
139226	42992	229	0.96	3.3	0	327.7	0	0	84.1	84.6	24.1	24.1	0	0
139227	42992	229	0.976	3.3	-0.3	327.7	0	0	84.2	84.6	24.1	24	0	0
139228	43000	229	0.981	3.3	-0.7	327.7	0	0	84.2	84.6	24.1	24	0	0
139229	43000	229	0.97	3.3	-0.7	327.7	0	0	84.2	84.6	24.1	24.1	0	0
139230	43000	229	0.986	3.3	-0.3	327.7	0	0	84.2	84.6	24.1	24.1	0	0
139231	43004	229	0.981	3.3	-0.3	327.7	0	0	84.1	84.6	24.1	24.1	0	0
139232	43000	229.5	0.986	3.3	0	327.7	0	0	84.1	84.6	24.1	24.1	0	0
139233	43004	229.5	0.956	3.3	0	327.7	0	0	84.1	84.6	24.1	24	0	0
139234	42992	229.5	0.986	3.3	0.4	327.7	0	0	84.1	84.6	24.1	24	0	0
139235	43004	229.5	0.949	3.3	0.4	327.7	0	0	84.1	84.6	24.1	24	0	0
139236	43000	229.5	0.94	3.3	0	327.7	0	0	84.1	84.6	24.1	24	0	0
139237	43000	229.5	0.949	3.3	-0.3	327.7	0	0	84.1	84.4	24.1	24	0	0
139238	43000	229.5	0.965	3.3	-0.7	327.7	0	0	84.1	84.4	24.1	24	0	0
139239	43004	229.5	0.981	3.3	-0.7	327.7	0	0	84.2	84.6	24.1	24	0	0
139240	42996	229.5	0.944	3.3	-0.7	327.3	0	0	84.2	84.6	24.1	24	0	0
139241	42992	229.5	0.956	3.3	-0.3	327.3	0	0	84.1	84.6	24.1	24	0	0
139242	43000	229.5	0.951	3.3	0.4	327.3	0	0	84.1	84.6	24.1	24	0	0
139243	43004	229.5	0.992	3.3	0.4	327.7	0	0	84.1	84.6	24.1	24	0	0
139244	42996	229.5	1.004	3.3	0.4	327.7	0	0	84.1	84.6	24.1	24	0	0
139245	43000	229.5	0.972	3.3	0	327.7	0	0	84.1	84.6	24.1	24	0	0
139246	43004	229	0.967	3.3	-0.3	327.7	0	0	84.1	84.6	24.1	24	0	0
139247	42996	229.5	0.967	3.3	-0.7	327.7	0	0	84.1	84.6	24.1	24	0	0
139248	42996	229.5	0.958	3.3	-0.7	327.7	0	0	84.1	84.6	24.1	24	0	0
139249	42996	229	0.988	3.3	-0.3	327.7	0	0	84.1	84.4	24.1	23.9	0	0
139250	42996	229	0.983	3.3	0	327.3	0	0	84.1	84.4	24.1	23.9	0	0
139251	43004	229	0.992	3.3	0.4	327.7	0	0	84.2	84.4	24.1	23.9	0	0
139252	43008	229	0.951	3.3	0	327.7	0	0	84.2	84.4	24.1	23.9	0	0
139253	43004	229	0.983	3.3	0	327.7	0	0	84.1	84.4	24.1	23.9	0	0
139254	43000	229	0.967	3.3	-0.3	327.7	0	0	84.1	84.4	24	23.9	0	0
139255	43000	229	0.963	3.3	-0.3	327.7	0	0	84.1	84.4	24	23.9	0	0
139256	43008	229	0.963	3.3	-0.7	327.7	0	0	84.1	84.4	24	23.9	0	0
139257	43008	229	0.933	3.1	-0.7	327.3	0	0	84.1	84.2	24	23.9	0	0
139258	43004	229	0.983	3.1	-0.7	327.3	0	0	84.1	84.2	24	23.9	0	0
139259	43008	228.5	0.979	3.1	-0.3	327.3	0	0	84.1	84.4	24	23.7	0	0
139260	43000	229	0.988	3.1	0	327.3	0	0	84.1	84.4	24	23.7	0	0
139261	43004	229	0.951	3.1	0.4	327.3	0	0	84.1	84.4	24	23.7	0	0
139262	43004	228.5	0.983	3.1	0.4	327.3	0	0	84.1	84.4	24	23.7	0	0
139263	43004	229	0.983	3.1	0	327.3	0	0	84.1	84.4	24	23.7	0	0
139264	42992	229	0.988	3.1	0	327.7	0	0	84.1	84.4	24	23.7	0	0
139265	43000	229	0.972	3.1	-0.3	327.3	0	0	84.1	84.4	24	23.7	0	0
139266	42996	229	0.967	3.1	-0.7	327.3	0	0	84.1	84.4	24	23.7	0	0
139267	42992	229	0.992	3.3	-0.3	327.3	0	0	84.1	84.4	24	23.7	0	0
139268	42988	229	0.995	3.3	0	327.3	0	0	84.1	84.4	24	23.7	0	0
139269	42992	229	0.986	3.3	0	327.3	0	0	83.9	84.2	24	23.7	0	0
139270	42996	229	0.956	3.3	0.4	327.3	0	0	83.9	84.2	24	23.7	0	0
139271	43004	229	0.96	3.3	0.4	327.3	0	0	84.1	84.2	24	23.7	0	0
139272	43004	229	0.97	3.4	0	327.3	0	0	84.1	84.2	24	23.7	0	0
139273	42988	229	0.96	3.4	-0.3	327.3	0	0	84.1	84.2	24	23.7	0	0
139274	42996	229	0.96	3.3	-0.7	327.3	0	0	84.1	84.2	24	23.7	0	0
139275	42996	229	0.96	3.3	-0.3	327.3	0	0	83.9	84.4	24	23.7	0	0
139276	43000	229	0.96	3.3	-0.3	327.3	0	0	83.9	84.4	24	23.7	0	0
139277	42996	229	0.967	3.3	0	327.3	0	0	84.1	84.4	24	23.7	0	0
139278	42992	229	0.953	3.3	0.4	327.3	0	0	84.1	84.4	24	23.7	0	0
139279	43000	229	0.967	3.3	0	327.3	0	0	83.9	84.4	24	23.7	0	0
139280	42996	229	0.963	3.1	0	327.3	0	0	83.9	84.4	24	23.7	0	0
139281	43000	229	0.963	3.1	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139282	43000	229	0.974	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139283	43000	229	0.974	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139284	43000	229	0.974	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139285	42992	229	0.983	3.3	0	327.3	0	0	84.1	84.4	24	23.9	0	0
139286	43004	229	0.981	3.3	0	327.3	0	0	84.1	84.4	24	23.9	0	0
139287	43000	229	0.97	3.3	0.4	327.3	0	0	84.1	84.4	24	23.9	0	0
139288	42992	229	0.97	3.3	0	327.3	0	0	84.1	84.4	24	23.9	0	0
139289	43000	229	0.96	3.3	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139290	43000	228.5	0.965	3.3	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139291	42992	228.5	0.976	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139292	43004	229	0.965	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0

139293	42996	228.5	0.935	3.3	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139294	43004	229	0.944	3.3	0	327.3	0	0	84.1	84.4	24	23.9	0	0
139295	42996	229	0.965	3.3	0.4	327.3	0	0	84.1	84.4	24	23.9	0	0
139296	43004	229	0.965	3.3	0.4	327.3	0	0	84.1	84.4	24	23.9	0	0
139297	43000	228.5	0.96	3.3	0	327.3	0	0	84.1	84.6	24	23.9	0	0
139298	42996	229	0.956	3.3	-0.3	327.3	0	0	84.1	84.6	24	23.9	0	0
139299	42996	229	0.981	3.1	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139300	42996	229	0.965	3.1	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139301	42996	229	0.949	3.1	-0.7	327.3	0	0	84.1	84.6	24	23.9	0	0
139302	42996	229	0.981	3.1	-0.7	327.3	0	0	84.1	84.6	24	23.9	0	0
139303	42992	229	0.99	3.1	-0.7	327.3	0	0	84.1	84.4	24	24	0	0
139304	42992	229	0.976	3.3	-0.3	327.3	0	0	84.1	84.4	24	24	0	0
139305	43000	229	0.981	3.3	0	327.3	0	0	84.1	84.6	24	24	0	0
139306	43000	229	0.997	3.3	0.4	327.3	0	0	84.1	84.6	24	24	0	0
139307	42996	229	0.99	3.3	0.4	327.3	0	0	84.1	84.4	24	24	0	0
139308	43000	229	0.99	3.3	0	327.3	0	0	84.1	84.4	24	24	0	0
139309	42992	229.5	0.97	3.3	-0.3	327.3	0	0	84.1	84.4	24	24	0	0
139310	42996	229	0.981	3.3	-0.7	327.3	0	0	84.1	84.4	24	24	0	0
139311	42992	229	0.965	3.3	-0.7	327.3	0	0	84.1	84.4	24	24	0	0
139312	42992	229	0.976	3.3	-0.3	327.3	0	0	84.1	84.4	24	24	0	0
139313	43000	229	0.976	3.3	0	327.3	0	0	84.1	84.4	24	24	0	0
139314	43004	229	0.949	3.3	0	327.3	0	0	84.1	84.4	24	24	0	0
139315	43008	229	0.97	3.3	0.4	327.3	0	0	84.1	84.4	24	24	0	0
139316	43004	229	0.976	3.3	0	327.3	0	0	84.1	84.4	24	24	0	0
139317	43000	229	0.97	3.3	-0.3	327.3	0	0	84.1	84.6	24	24	0	0
139318	43000	229	0.976	3.1	-0.3	327.3	0	0	84.1	84.6	24	24	0	0
139319	42996	229	0.965	3.1	-0.7	327.3	0	0	84.1	84.6	24	24	0	0
139320	43000	229	0.967	3.1	-0.7	327.3	0	0	84.1	84.6	24	24	0	0
139321	43008	229	0.963	3.1	-0.3	327.3	0	0	84.1	84.4	24	24	0	0
139322	43000	229	0.972	3.1	0	327.3	0	0	84.1	84.4	24	24	0	0
139323	43004	229	0.958	3.1	0.4	327.3	0	0	84.1	84.6	24	24	0	0
139324	42996	229	0.972	3.3	0.4	327.3	0	0	84.1	84.6	24	24	0	0
139325	42996	229	0.967	3.3	0	327.3	0	0	84.1	84.4	24	24	0	0
139326	43000	229	0.972	3.3	-0.3	327.3	0	0	84.1	84.4	24	24	0	0
139327	43000	229	0.963	3.3	-0.7	327.3	0	0	84.1	84.6	24	24	0	0
139328	43000	229	0.967	3.3	-0.7	327.3	0	0	84.1	84.6	24	24	0	0
139329	42992	229	0.972	3.3	-0.3	327.3	0	0	84.1	84.4	24	24	0	0
139330	42996	229	0.967	3.3	0	327.3	0	0	84.1	84.4	24	24	0	0
139331	42992	229	0.983	3.3	0.4	327.3	0	0	84.1	84.4	24	24	0	0
139332	43004	229	0.958	3.3	0.4	327.3	0	0	84.1	84.4	24	24	0	0
139333	43004	229	0.972	3.3	0.4	327.3	0	0	83.9	84.4	24	23.9	0	0
139334	43000	228.5	0.963	3.3	0	327.3	0	0	83.9	84.4	24	23.9	0	0
139335	42992	229	0.979	3.3	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139336	43004	228.5	0.979	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139337	43008	229	0.972	3.3	-0.7	327.3	0	0	83.9	84.4	24	23.9	0	0
139338	42996	228.5	0.956	3.3	-0.3	327.3	0	0	83.9	84.4	24	23.9	0	0
139339	43000	228.5	0.981	3.3	0	327.3	0	0	84.1	84.4	24	23.9	0	0
139340	43000	228.5	0.97	3.3	0	327.3	0	0	84.1	84.4	24	23.9	0	0
139341	43000	228.5	0.981	3.3	0.4	327.3	0	0	84.1	84.6	24	23.9	0	0
139342	43004	228.5	0.965	3.3	0	327.3	0	0	84.1	84.6	24	23.9	0	0
139343	42996	228.5	0.986	3.3	-0.3	327.3	0	0	83.9	84.4	24	23.9	0	0
139344	42996	228.5	0.965	3.3	-0.3	327.3	0	0	83.9	84.4	24	23.9	0	0
139345	43000	228.5	0.94	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139346	42996	228.5	0.983	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139347	42996	228.5	0.983	3.3	-0.3	327	0	0	84.1	84.4	24	23.9	0	0
139348	43000	228.5	0.937	3.3	0	327	0	0	84.1	84.4	24	23.9	0	0
139349	43000	228.5	0.979	3.3	0	327	0	0	83.9	84.4	24	23.9	0	0
139350	43004	228.5	0.983	3.3	0.4	327	0	0	83.9	84.4	23.9	23.9	0	0
139351	43000	228.5	0.983	3.3	0	327	0	0	84.1	84.4	23.9	23.9	0	0
139352	43000	228.5	0.967	3.3	0	327	0	0	84.1	84.4	23.9	23.9	0	0
139353	42992	228.5	0.967	3.3	-0.3	327	0	0	83.9	84.4	23.9	23.9	0	0
139354	43000	228.5	0.958	3.3	-0.7	327	0	0	83.9	84.4	23.9	23.9	0	0
139355	42992	228.5	0.995	3.3	-0.7	327	0	0	84.1	84.4	23.9	23.9	0	0
139356	42996	228.5	0.995	3.3	-0.3	327	0	0	84.1	84.4	23.9	23.9	0	0
139357	43000	228.5	0.981	3.3	0	327	0	0	84.1	84.6	23.9	23.9	0	0
139358	42992	228.5	0.995	3.3	0.4	327.3	0	0	84.1	84.6	23.9	23.9	0	0
139359	43004	228.5	0.974	3.3	0.4	327.3	0	0	84.1	84.6	23.9	23.9	0	0
139360	43004	228.5	0.974	3.3	0	327.3	0	0	84.1	84.6	24	23.9	0	0
139361	43004	228.5	0.981	3.3	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139362	43004	228.5	0.965	3.3	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0
139363	42996	228.5	0.96	3.3	-0.3	327.3	0	0	84.1	84.4	24	23.9	0	0

139364	43000	228.5	0.96	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139365	43004	228.5	0.956	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139366	42996	228.5	0.981	3.3	-0.7	327.3	0	0	84.1	84.4	24	23.9	0	0
139367	43000	228.5	0.981	3.3	-0.3	327	0	0	84.2	84.4	24	23.9	0	0
139368	43000	228.5	0.965	3.3	0	327.3	0	0	84.2	84.4	24	23.9	0	0
139369	42996	228.5	0.96	3.3	0.4	327.3	0	0	84.2	84.4	24	23.9	0	0
139370	43004	228.5	0.986	3.3	0	327.3	0	0	84.2	84.4	24	23.9	0	0
139371	43000	228.5	0.981	3.3	-0.3	327.3	0	0	84.1	84.6	24	23.9	0	0
139372	42996	228.5	0.958	3.3	-0.3	327.3	0	0	84.1	84.6	24	23.9	0	0
139373	43000	228.5	0.983	3.3	-0.7	327	0	0	84.1	84.6	24	23.9	0	0
139374	43000	228.5	0.958	3.3	-0.7	327	0	0	84.1	84.6	24	23.9	0	0
139375	43000	228.5	0.979	3.3	-0.3	327	0	0	84.1	84.4	24	24	0	0
139376	43000	228.5	0.963	3.3	0	327	0	0	84.1	84.4	24	24	0	0
139377	42996	228.5	0.967	3.3	0.4	327	0	0	84.1	84.4	24	24	0	0
139378	43000	228.5	0.979	3.3	0.4	327	0	0	84.1	84.4	24	24	0	0
139379	42992	228.5	0.983	3.3	0	327	0	0	84.1	84.6	24	24	0	0
139380	43000	228.5	0.967	3.3	-0.3	327	0	0	84.1	84.6	24	24	0	0
139381	43000	228.5	0.965	3.3	-0.7	327	0	0	84.1	84.4	24	24	0	0
139382	43000	228.5	0.981	3.3	-0.7	327	0	0	84.1	84.4	24	24	0	0
139383	43004	228.5	0.976	3.3	-0.3	327	0	0	84.2	84.6	24	24	0	0
139384	43000	228.5	0.981	3.3	0	327	0	0	84.2	84.6	24	24	0	0
139385	42996	228.5	0.965	3.3	0.4	327	0	0	84.1	84.6	24	24	0	0
139386	42996	228.5	0.965	3.3	0.4	327	0	0	84.1	84.6	24	24	0	0
139387	42996	228.5	0.981	3.3	0	327	0	0	84.2	84.6	24	24	0	0
139388	43000	228.5	0.965	3.3	-0.3	327	0	0	84.2	84.6	24	24	0	0
139389	43004	228.5	0.949	3.3	-0.7	327	0	0	84.2	84.6	24	24	0	0
139390	42992	228.5	0.97	3.3	-0.7	327	0	0	84.2	84.6	24	24	0	0
139391	42996	228.5	0.96	3.3	-0.3	327	0	0	84.2	84.6	24	24	0	0
139392	43008	228.5	0.965	3.3	-0.3	327	0	0	84.2	84.6	24	24	0	0
139393	42996	228	0.976	3.3	0	327	0	0	84.2	84.7	24	24	0	0
139394	43000	228	0.956	3.3	0.4	327	0	0	84.2	84.7	24	24	0	0
139395	43000	228	0.976	3.3	0.4	327	0	0	84.2	84.6	24	24	0	0
139396	42996	228	0.976	3.3	0	327	0	0	84.2	84.6	24	24	0	0
139397	43000	228	0.981	3.3	-0.3	327	0	0	84.1	84.7	24	24	0	0
139398	43004	228	0.967	3.3	-0.7	327	0	0	84.1	84.7	24	24	0	0
139399	43000	228	0.972	3.3	-0.7	327	0	0	84.2	84.6	24	24	0	0
139400	42996	228	0.988	3.3	-0.3	327	0	0	84.2	84.6	24	24	0	0
139401	43004	228	0.983	3.3	0	327	0	0	84.2	84.6	24	24	0	0
139402	43000	228	0.983	3.3	0	327	0	0	84.2	84.6	24	24	0	0
139403	42996	228	0.983	3.4	0.4	327	0	0	84.1	84.6	24	24	0	0
139404	42996	228	0.988	3.4	0	327	0	0	84.1	84.6	24	24	0	0
139405	43004	228	0.967	3.3	-0.3	327	0	0	84.2	84.7	24	24	0	0
139406	43004	228	0.979	3.3	-0.7	327	0	0	84.2	84.7	24	24	0	0
139407	43000	228	0.958	3.3	-0.7	327	0	0	84.2	84.6	24	24	0	0
139408	43004	228	0.967	3.3	-0.7	327	0	0	84.2	84.6	24	24	0	0
139409	43000	228	0.979	3.3	-0.3	327	0	0	84.2	84.6	24	24	0	0
139410	43000	228	0.953	3.3	0	327	0	0	84.2	84.6	24.1	24	0	0
139411	43000	228	0.937	3.3	0	327	0	0	84.2	84.7	24.1	24	0	0
139412	42996	228	0.937	3.3	0.4	327	0	0	84.2	84.7	24.1	24	0	0
139413	43004	228	0.953	3.3	0	327	0	0	84.2	84.6	24.1	24	0	0
139414	43000	228	0.967	3.1	-0.3	327	0	0	84.2	84.6	24.1	24	0	0
139415	43000	228	0.974	3.1	-0.7	327	0	0	84.2	84.7	24.1	24	0	0
139416	42996	228	0.947	3.1	-0.7	327	0	0	84.2	84.7	24.1	24	0	0
139417	43000	228	0.983	3.1	-0.3	327	0	0	84.2	84.6	24.1	24	0	0
139418	42996	228	0.979	3.1	0	327	0	0	84.2	84.6	24.1	24	0	0
139419	43000	228	0.972	3.3	0.4	327	0	0	84.2	84.7	24.1	24	0	0
139420	42992	228	0.983	3.3	0.4	327	0	0	84.2	84.7	24.1	24	0	0
139421	42992	228	0.947	3.3	0.4	327	0	0	84.2	84.6	24.1	24	0	0
139422	43000	228	0.972	3.3	0	327	0	0	84.2	84.6	24.1	24	0	0
139423	42996	228.5	0.979	3.3	-0.3	327	0	0	84.2	84.6	24.1	24	0	0
139424	42996	228.5	0.97	3.3	-0.7	327	0	0	84.2	84.6	24.1	24	0	0
139425	42996	228.5	0.965	3.3	-0.7	327	0	0	84.2	84.7	24.1	24	0	0
139426	42996	228.5	0.986	3.3	-0.7	327	0	0	84.2	84.7	24.1	24	0	0
139427	42992	228.5	0.986	3.3	-0.3	327	0	0	84.2	84.6	24.1	24	0	0
139428	43000	228.5	0.956	3.3	0	327	0	0	84.2	84.6	24.1	24	0	0
139429	42996	228.5	0.99	3.3	0	327	0	0	84.2	84.6	24.1	24	0	0
139430	42996	228.5	0.965	3.3	0	327	0	0	84.2	84.6	24.1	24	0	0
139431	43008	228.5	0.97	3.3	-0.3	327	0	0	84.2	84.7	24.1	24	0	0
139432	43004	228.5	0.956	3.3	-0.3	327	0	0	84.2	84.7	24.1	24	0	0
139433	43000	228.5	0.958	3.3	-0.7	327	0	0	84.2	84.7	24.1	24	0	0
139434	43004	228.5	0.958	3.3	-0.7	327	0	0	84.2	84.7	24.1	24	0	0

139435	43000	228.5	0.963	3.3	-0.3	327	0	0	84.2	84.7	24.1	24.1	0	0
139436	42996	228.5	0.947	3.1	0	327	0	0	84.2	84.7	24.1	24.1	0	0
139437	43004	229	0.963	3.1	0.4	327	0	0	84.4	84.7	24.1	24.1	0	0
139438	42996	229	0.947	3.1	0.4	327	0	0	84.4	84.7	24.1	24.1	0	0
139439	42992	229	0.988	3.1	-0.3	327	0	0	84.2	84.7	24.1	24.1	0	0
139440	42992	229	0.947	3.1	-0.7	327	0	0	84.2	84.7	24.1	24.1	0	0
139441	43000	229	0.972	3.1	-0.7	327	0	0	84.2	84.7	24.1	24.2	0	0
139442	42996	229	0.983	3.1	-0.7	327	0	0	84.2	84.7	24.1	24.2	0	0
139443	42996	229	0.967	3.1	-0.3	327	0	0	84.2	84.7	24.1	24.2	0	0
139444	43000	229	0.976	3.3	0.4	327	0	0	84.2	84.7	24.1	24.2	0	0
139445	43000	229	0.997	3.3	0.4	327	0	0	84.2	84.9	24.1	24.2	0	0
139446	42996	229	0.988	3.3	0.4	327	0	0	84.2	84.9	24.1	24.2	0	0
139447	42996	229	0.997	3.3	0	327	0	0	84.2	84.9	24.1	24.2	0	0
139448	43000	229	0.992	3.3	-0.3	327	0	0	84.2	84.9	24.2	24.2	0	0
139449	43000	229	0.983	3.3	-0.7	327	0	0	84.4	84.9	24.2	24.2	0	0
139450	43004	229.5	0.947	3.3	-0.7	327	0	0	84.4	84.9	24.2	24.2	0	0
139451	42996	229	0.983	3.3	-0.3	327	0	0	84.2	84.9	24.2	24.2	0	0
139452	42996	229.5	0.951	3.3	0	327	0	0	84.2	84.9	24.2	24.2	0	0
139453	42996	229.5	0.967	3.1	0.4	327	0	0	84.4	84.9	24.2	24.2	0	0
139454	43004	229.5	0.967	3.1	0.4	327	0	0	84.4	84.9	24.2	24.2	0	0
139455	42996	229.5	0.967	3.1	0	327.3	0	0	84.4	84.9	24.2	24.2	0	0
139456	42996	229.5	0.942	3.1	-0.3	327.3	0	0	84.4	84.9	24.2	24.2	0	0
139457	42996	229.5	0.958	3.1	-0.7	327	0	0	84.2	84.9	24.2	24.2	0	0
139458	42996	229.5	0.967	3.1	-0.7	327	0	0	84.2	84.9	24.2	24.2	0	0
139459	43000	229.5	0.94	3.1	-0.3	327	0	0	84.2	84.7	24.2	24.2	0	0
139460	42996	229.5	0.97	3.1	0	327	0	0	84.2	84.7	24.1	24.2	0	0
139461	42992	229.5	0.986	3.1	0.4	327	0	0	84.2	84.9	24.1	24.2	0	0
139462	43000	229.5	0.99	3.1	0.4	327	0	0	84.2	84.9	24.1	24.2	0	0
139463	43000	229.5	0.96	3.1	0	327	0	0	84.2	84.7	24.1	24.2	0	0
139464	42992	229.5	0.986	3.1	-0.3	327	0	0	84.2	84.7	24.1	24.2	0	0
139465	42992	229.5	0.995	3.1	-0.7	327	0	0	84.2	84.7	24.1	24.2	0	0
139466	42992	230	0.981	3.1	-0.7	327	0	0	84.2	84.7	24.1	24.2	0	0
139467	42996	230	0.99	3.3	-0.3	327	0	0	84.2	84.7	24.1	24.2	0	0
139468	42996	229.5	0.981	3.3	0	327	0	0	84.2	84.7	24.1	24.2	0	0
139469	43000	230	0.995	3.3	0.4	327	0	0	84.2	84.7	24.1	24.2	0	0
139470	43000	230	0.981	3.3	0.4	327	0	0	84.2	84.7	24.1	24.2	0	0
139471	43004	230	1.002	3.3	0	327.3	0	0	84.2	84.7	24.1	24.2	0	0
139472	42996	230	0.944	3.3	-0.3	327.3	0	0	84.2	84.7	24.1	24.2	0	0
139473	42996	229.5	0.965	3.3	-0.3	327.3	0	0	84.2	84.7	24.1	24.1	0	0
139474	43008	230	0.981	3.3	-0.7	327	0	0	84.2	84.7	24.1	24.1	0	0
139475	42996	230	0.981	3.3	-0.7	327	0	0	84.1	84.7	24.1	24.1	0	0
139476	43000	230	0.986	3.3	-0.3	327	0	0	84.1	84.7	24.1	24.1	0	0
139477	43004	230	0.965	3.1	0	327	0	0	84.1	84.6	24.1	24.1	0	0
139478	43008	230	0.97	3.1	0.4	327.3	0	0	84.1	84.6	24.1	24.1	0	0
139479	43000	230	0.965	3.1	0.4	327.3	0	0	84.1	84.6	24.1	24.1	0	0
139480	42996	230	0.976	3.1	0	327.3	0	0	84.1	84.6	24.1	24.1	0	0
139481	43004	230	0.956	3.1	-0.3	327.3	0	0	84.2	84.6	24.1	24.1	0	0
139482	43000	230	0.97	3.1	-0.7	327.3	0	0	84.2	84.6	24.1	24.1	0	0
139483	42996	230	0.97	3.1	-0.7	327	0	0	84.2	84.6	24.1	24.1	0	0
139484	43000	230	0.96	3.1	-0.3	327	0	0	84.2	84.6	24.1	24.1	0	0
139485	42992	230	0.972	3.1	0	327	0	0	84.1	84.7	24.1	24.1	0	0
139486	43004	230	0.983	3.1	0.4	327	0	0	84.1	84.7	24.1	24.1	0	0
139487	42996	230	0.979	3.1	0.4	327.3	0	0	84.1	84.6	24.1	24.1	0	0
139488	42996	230.5	0.988	3.3	0.4	327.3	0	0	84.1	84.6	24.1	24.1	0	0
139489	43000	230.5	0.967	3.3	-0.3	327.3	0	0	84.1	84.6	24.1	24.1	0	0
139490	43000	230	0.967	3.3	-0.7	327	0	0	84.1	84.6	24	24.1	0	0
139491	43004	230	0.967	3.3	-0.7	327	0	0	84.1	84.6	24	24.1	0	0
139492	42996	230	0.963	3.3	-0.7	327	0	0	84.1	84.6	24	24.1	0	0
139493	43004	230	0.958	3.3	-0.3	327	0	0	84.1	84.7	24	24.1	0	0
139494	43004	230	0.967	3.3	0	327	0	0	84.1	84.7	24	24.1	0	0
139495	43000	230	0.967	3.3	0.4	327	0	0	84.1	84.6	24	24.1	0	0
139496	43004	230	0.967	3.3	0.4	327	0	0	84.1	84.6	24	24.1	0	0
139497	43000	230	0.983	3.1	-0.3	327	0	0	83.9	84.6	24	24.1	0	0
139498	43000	230	0.988	3.1	-0.7	327	0	0	83.9	84.6	24	24.1	0	0
139499	42996	230	0.947	3.1	-0.7	327	0	0	83.9	84.6	24	24.1	0	0
139500	43004	230	0.947	3.1	-0.7	327	0	0	83.9	84.6	24	24.1	0	0
139501	43000	230	0.974	3.1	-0.3	327	0	0	83.9	84.6	24	24.1	0	0
139502	43000	230	0.97	3.1	0.4	327	0	0	83.9	84.6	24	24.1	0	0
139503	43000	230.5	0.97	3.1	0.4	327	0	0	83.9	84.4	24	24	0	0
139504	42996	230.5	0.99	3.3	0	327	0	0	83.9	84.4	23.9	24	0	0
139505	42992	230.5	0.986	3.3	-0.3	327	0	0	83.9	84.4	23.9	24	0	0

139506	43000	230.5	0.97	3.3	-0.7	327	0	0	83.9	84.4	23.9	24	0	0
139507	43000	230.5	0.99	3.3	-0.7	327	0	0	83.9	84.4	23.9	24	0	0
139508	42996	230.5	0.986	3.3	-0.3	327	0	0	83.9	84.4	23.9	24	0	0
139509	43000	230.5	0.974	3.3	0	327	0	0	83.9	84.4	23.9	23.9	0	0
139510	43004	230.5	0.974	3.3	0.4	327	0	0	83.9	84.4	23.9	23.9	0	0
139511	43004	230.5	0.965	3.3	0.4	327	0	0	83.9	84.4	23.9	23.9	0	0
139512	43004	230.5	0.981	3.3	0	327.3	0	0	83.9	84.4	23.9	23.9	0	0
139513	43008	230	0.965	3.3	-0.3	327.3	0	0	83.9	84.4	23.9	23.9	0	0
139514	43000	230	0.974	3.3	-0.7	327	0	0	83.9	84.4	23.9	23.9	0	0
139515	43000	230	0.956	3.1	-0.7	327	0	0	83.9	84.2	23.9	23.7	0	0
139516	43004	230	0.96	3.1	-0.7	327	0	0	83.9	84.2	23.9	23.7	0	0
139517	43004	230	0.949	3.1	-0.3	327	0	0	83.8	84.4	23.9	23.7	0	0
139518	43004	230	0.981	3.1	0	327	0	0	83.8	84.4	23.9	23.7	0	0
139519	43000	230	0.974	3.1	0.4	327	0	0	83.9	84.2	23.9	23.7	0	0
139520	43000	230	0.981	3.1	0.4	327	0	0	83.9	84.2	23.9	23.7	0	0
139521	42996	230.5	0.97	3.1	0	327	0	0	83.9	84.2	23.9	23.7	0	0
139522	43004	230.5	0.97	3.1	-0.3	327	0	0	83.9	84.2	23.9	23.7	0	0
139523	43000	230.5	0.976	3.1	-0.7	327	0	0	83.9	84.2	23.9	23.7	0	0
139524	43004	230	0.981	3.1	-1	327	0	0	83.9	84.2	23.9	23.7	0	0
139525	43000	230	0.976	3.1	-0.7	327	0	0	83.9	84.2	23.9	23.7	0	0
139526	42992	230	0.976	3.1	-0.3	327	0	0	83.9	84.2	23.9	23.7	0	0
139527	42996	230.5	1.002	3.1	0	327	0	0	83.9	84.2	23.9	23.7	0	0
139528	43004	230	0.995	3.1	0.4	327	0	0	83.9	84.2	23.7	23.7	0	0
139529	42996	230	0.96	3.3	0.4	327	0	0	83.9	84.2	23.7	23.7	0	0
139530	43000	230	0.976	3.3	0	327	0	0	83.9	84.2	23.7	23.7	0	0
139531	43000	230	0.949	3.3	-0.3	327	0	0	83.9	84.1	23.7	23.7	0	0
139532	43004	230	0.956	3.3	-0.3	327	0	0	83.9	84.1	23.7	23.7	0	0
139533	43004	230	0.97	3.3	-0.7	327	0	0	83.9	84.1	23.7	23.7	0	0
139534	42996	230	0.97	3.1	-0.7	327	0	0	83.9	84.1	23.7	23.7	0	0
139535	42992	230	0.97	3.1	-0.3	327	0	0	83.8	84.2	23.7	23.6	0	0
139536	43000	230	0.94	3.1	-0.3	327	0	0	83.8	84.2	23.7	23.6	0	0
139537	42996	230	0.944	3.1	0	327	0	0	83.8	84.2	23.7	23.6	0	0
139538	43000	230	0.956	3.1	0.4	327	0	0	83.8	84.2	23.7	23.6	0	0
139539	43000	230	0.981	3.1	0.4	327	0	0	83.8	84.2	23.7	23.6	0	0
139540	42992	230	0.956	3.1	0	327	0	0	83.8	84.2	23.7	23.6	0	0
139541	43004	230	0.96	3.1	-0.3	327	0	0	83.8	84.1	23.7	23.6	0	0
139542	42992	230	0.965	3.1	-0.3	327	0	0	83.8	84.1	23.7	23.6	0	0
139543	43000	230	0.976	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.6	0	0
139544	42992	230.5	0.965	3.1	-0.7	326.6	0	0	83.8	84.2	23.7	23.6	0	0
139545	43000	230.5	0.956	3.1	-0.7	326.6	0	0	83.8	84.1	23.7	23.6	0	0
139546	43000	230.5	0.979	3.1	-0.3	326.6	0	0	83.8	84.1	23.7	23.6	0	0
139547	43000	230	0.983	3.3	0	326.6	0	0	83.8	84.1	23.7	23.6	0	0
139548	42996	230	0.999	3.3	0.4	326.6	0	0	83.8	84.1	23.7	23.6	0	0
139549	43004	230	0.979	3.3	0.4	326.6	0	0	83.8	84.2	23.7	23.6	0	0
139550	43004	230	0.983	3.3	0.4	326.6	0	0	83.8	84.2	23.7	23.6	0	0
139551	42996	230	0.988	3.3	0	326.6	0	0	83.6	84.2	23.7	23.6	0	0
139552	43000	230	0.983	3.3	-0.3	326.6	0	0	83.6	84.2	23.6	23.6	0	0
139553	42996	230	0.958	3.3	-0.7	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139554	43000	230	0.951	3.3	-0.7	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139555	43004	230	0.958	3.3	-0.3	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139556	42996	230	0.947	3.3	0	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139557	42996	230	0.942	3.1	0	326.6	0	0	83.6	84.1	23.6	23.6	0	0
139558	42992	230	0.951	3.1	0.4	326.6	0	0	83.6	84.1	23.6	23.6	0	0
139559	43004	230	0.947	3.1	0.4	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139560	43000	230	0.947	3.1	0	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139561	42992	230	0.942	3.1	-0.3	326.6	0	0	83.6	84.1	23.6	23.6	0	0
139562	42992	230	0.979	3.1	-0.7	326.6	0	0	83.6	84.1	23.6	23.6	0	0
139563	43000	230	0.981	3.1	-0.7	326.6	0	0	83.6	84.1	23.6	23.6	0	0
139564	43000	230	0.965	3.3	-0.7	326.6	0	0	83.6	84.1	23.6	23.6	0	0
139565	42992	230	0.96	3.3	-0.3	326.6	0	0	83.8	83.9	23.6	23.5	0	0
139566	42996	230	0.976	3.3	0	326.6	0	0	83.8	83.9	23.6	23.5	0	0
139567	43000	230	0.976	3.3	0.4	326.6	0	0	83.8	84.1	23.6	23.5	0	0
139568	43000	230	0.965	3.3	0.4	326.6	0	0	83.8	84.1	23.6	23.5	0	0
139569	43000	229.5	1.002	3.3	0	326.6	0	0	83.6	83.9	23.6	23.5	0	0
139570	43000	229.5	0.949	3.3	-0.3	326.6	0	0	83.6	83.9	23.6	23.5	0	0
139571	43000	229.5	0.981	3.3	-0.7	326.6	0	0	83.8	83.9	23.6	23.5	0	0
139572	43000	229.5	0.944	3.3	-0.7	326.6	0	0	83.8	83.9	23.6	23.5	0	0
139573	43004	229.5	0.981	3.3	-0.3	326.6	0	0	83.8	83.9	23.6	23.5	0	0
139574	43004	229.5	0.965	3.3	0	326.6	0	0	83.8	83.9	23.6	23.5	0	0
139575	42996	229.5	0.96	3.3	0	326.6	0	0	83.8	83.9	23.6	23.5	0	0
139576	42996	229.5	0.986	3.3	0.4	326.6	0	0	83.8	83.9	23.6	23.5	0	0

139577	42996	229.5	0.96	3.3	0	326.6	0	0	83.6	83.9	23.6	23.5	0	0
139578	43000	229.5	0.96	3.1	0	326.6	0	0	83.6	83.9	23.6	23.5	0	0
139579	43000	229.5	0.976	3.1	-0.3	326.6	0	0	83.8	83.9	23.6	23.4	0	0
139580	43004	229.5	0.992	3.1	-0.7	326.6	0	0	83.8	83.9	23.6	23.4	0	0
139581	42992	229.5	0.983	3.1	-1	326.6	0	0	83.8	83.9	23.6	23.3	0	0
139582	42996	229	0.979	3.1	-0.7	326.6	0	0	83.8	83.9	23.6	23.3	0	0
139583	42996	229	0.958	3.3	-0.3	326.6	0	0	83.8	83.9	23.6	23.3	0	0
139584	42992	229	0.988	3.3	0	326.6	0	0	83.8	83.9	23.6	23.3	0	0
139585	42996	229	1.004	3.3	0.4	326.6	0	0	83.6	83.9	23.6	23.3	0	0
139586	43000	229	1.004	3.3	0	326.6	0	0	83.6	83.9	23.6	23.3	0	0
139587	43000	229	0.972	3.3	0	326.6	0	0	83.6	83.9	23.6	23.3	0	0
139588	43000	229	0.967	3.3	-0.3	326.6	0	0	83.6	83.9	23.6	23.3	0	0
139589	43000	229	0.967	3.3	-0.7	326.6	0	0	83.6	83.8	23.6	23.3	0	0
139590	42996	229	0.967	3.3	-0.7	326.6	0	0	83.6	83.8	23.5	23.3	0	0
139591	43000	229	0.958	3.3	-0.7	326.6	0	0	83.8	83.8	23.5	23.3	0	0
139592	43004	229	0.979	3.3	-0.3	326.6	0	0	83.8	83.8	23.5	23.3	0	0
139593	43008	229	0.947	3.3	0.4	326.6	0	0	83.6	83.9	23.5	23.3	0	0
139594	43000	229	0.992	3.3	0.4	326.6	0	0	83.6	83.9	23.5	23.3	0	0
139595	43004	229	0.974	3.3	0	327	0	0	83.6	83.9	23.5	23.3	0	0
139596	43004	228.5	0.942	3.3	-0.3	327	0	0	83.6	83.9	23.5	23.3	0	0
139597	43004	228.5	0.947	3.3	-0.7	326.6	0	0	83.6	83.8	23.5	23.3	0	0
139598	43000	228.5	0.967	3.1	-0.7	326.6	0	0	83.6	83.8	23.5	23.3	0	0
139599	42996	228.5	0.947	3.1	-0.7	326.6	0	0	83.6	83.9	23.5	23.3	0	0
139600	43004	228.5	0.958	3.1	-0.3	326.6	0	0	83.6	83.9	23.5	23.3	0	0
139601	42992	228.5	0.983	3.1	0	326.6	0	0	83.6	84.1	23.5	23.3	0	0
139602	42992	228.5	0.979	3.1	0	326.6	0	0	83.6	84.1	23.5	23.3	0	0
139603	43004	228.5	0.983	3.1	0	326.6	0	0	83.6	83.9	23.5	23.3	0	0
139604	43000	228.5	0.963	3.3	0	326.6	0	0	83.6	83.9	23.5	23.3	0	0
139605	42996	228.5	0.967	3.3	-0.3	326.6	0	0	83.6	83.9	23.5	23.4	0	0
139606	42988	228.5	0.999	3.3	-0.7	326.6	0	0	83.6	83.9	23.5	23.4	0	0
139607	43000	228.5	0.979	3.3	-0.7	326.6	0	0	83.8	83.9	23.5	23.4	0	0
139608	43000	228.5	0.974	3.3	-0.7	326.6	0	0	83.8	83.9	23.5	23.4	0	0
139609	42996	228.5	0.983	3.3	-0.3	326.6	0	0	83.6	84.1	23.5	23.4	0	0
139610	43004	228.5	0.988	3.3	0	326.6	0	0	83.6	84.1	23.5	23.4	0	0
139611	43004	228.5	0.983	3.3	0.4	326.6	0	0	83.6	83.9	23.5	23.4	0	0
139612	43000	228.5	0.974	3.3	0	326.6	0	0	83.6	83.9	23.5	23.4	0	0
139613	42996	228.5	0.967	3.3	0	326.6	0	0	83.8	84.1	23.5	23.4	0	0
139614	42996	228.5	0.963	3.3	-0.3	326.6	0	0	83.8	84.1	23.5	23.4	0	0
139615	43000	228.5	0.958	3.3	-0.7	326.6	0	0	83.6	84.1	23.5	23.4	0	0
139616	43000	228.5	0.958	3.1	-0.7	326.6	0	0	83.6	84.1	23.5	23.4	0	0
139617	43000	228.5	0.963	3.1	-0.3	326.6	0	0	83.8	84.1	23.5	23.4	0	0
139618	42992	228.5	0.951	3.1	0	326.6	0	0	83.8	84.1	23.5	23.4	0	0
139619	43004	228.5	0.963	3.1	0.4	326.6	0	0	83.6	84.1	23.5	23.5	0	0
139620	42996	228.5	0.958	3.1	0.4	326.6	0	0	83.6	84.1	23.5	23.5	0	0
139621	42992	228.5	0.983	3.3	0	326.6	0	0	83.8	84.1	23.5	23.5	0	0
139622	43000	228.5	0.967	3.3	-0.3	326.6	0	0	83.8	84.1	23.5	23.5	0	0
139623	43004	228.5	0.979	3.3	-0.3	326.6	0	0	83.6	84.1	23.5	23.5	0	0
139624	42996	228.5	0.967	3.3	-0.7	326.6	0	0	83.6	84.1	23.5	23.5	0	0
139625	43000	228.5	0.979	3.3	-1	326.6	0	0	83.8	84.2	23.5	23.5	0	0
139626	43004	228.5	0.979	3.3	-0.7	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139627	42992	228.5	0.983	3.3	-0.3	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139628	43004	228.5	0.951	3.3	0	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139629	42992	228.5	0.958	3.3	0.4	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139630	43004	228.5	0.963	3.3	0.4	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139631	42996	228.5	0.958	3.3	0	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139632	42996	228.5	0.944	3.3	-0.7	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139633	43000	228.5	0.981	3.3	-1	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139634	43004	228.5	0.974	3.3	-0.7	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139635	43000	228.5	0.981	3.3	-0.3	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139636	43000	228.5	0.981	3.3	0	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139637	43004	228.5	0.981	3.3	0.4	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139638	43004	228.5	0.94	3.3	0.4	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139639	42996	228.5	0.986	3.3	0	326.6	0	0	83.8	84.2	23.6	23.6	0	0
139640	42996	228.5	0.944	3.1	-0.3	326.6	0	0	83.8	84.2	23.6	23.6	0	0
139641	42996	228.5	0.965	3.3	-0.7	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139642	43000	228.5	0.986	3.3	-0.7	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139643	42996	229	0.981	3.3	-0.3	326.6	0	0	83.9	84.1	23.6	23.6	0	0
139644	42996	228.5	0.99	3.3	0	326.6	0	0	83.9	84.1	23.6	23.6	0	0
139645	43000	228.5	0.981	3.3	0.4	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139646	42996	228.5	0.99	3.3	0.4	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139647	43000	228.5	0.97	3.3	0	326.6	0	0	83.8	84.2	23.6	23.6	0	0

139648	43008	228.5	0.981	3.3	-0.3	326.6	0	0	83.8	84.2	23.6	23.6	0	0
139649	43004	228.5	0.96	3.3	-0.3	326.6	0	0	83.9	84.2	23.6	23.6	0	0
139650	43004	228.5	0.963	3.3	-0.7	326.6	0	0	83.9	84.2	23.6	23.6	0	0
139651	43000	228.5	0.963	3.3	-0.7	326.6	0	0	83.8	84.2	23.6	23.6	0	0
139652	43004	228.5	0.967	3.3	-0.7	326.6	0	0	83.8	84.2	23.6	23.6	0	0
139653	43000	228.5	0.967	3.1	-0.3	326.6	0	0	83.9	84.2	23.6	23.6	0	0
139654	42996	228.5	0.937	3.1	0	326.6	0	0	83.9	84.2	23.6	23.6	0	0
139655	42996	229	0.967	3.1	0.4	326.6	0	0	83.9	84.1	23.6	23.6	0	0
139656	43004	228.5	0.963	3.1	0	326.6	0	0	83.9	84.1	23.6	23.6	0	0
139657	43000	228.5	0.976	3.1	0	326.6	0	0	83.8	84.1	23.6	23.5	0	0
139658	43000	229	0.983	3.1	-0.3	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139659	43000	229	0.983	3.3	-0.7	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139660	43004	228.5	0.967	3.3	-0.7	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139661	42996	229	0.976	3.3	-0.3	326.6	0	0	83.9	83.9	23.7	23.5	0	0
139662	43000	229	0.972	3.3	0	326.6	0	0	83.9	83.9	23.7	23.5	0	0
139663	42992	229	0.976	3.3	0.4	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139664	43000	228.5	0.972	3.3	0.4	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139665	43008	228.5	0.983	3.3	0	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139666	43000	228.5	0.976	3.3	-0.3	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139667	43008	228.5	0.976	3.3	-0.7	326.6	0	0	83.9	84.2	23.7	23.5	0	0
139668	43000	228.5	0.956	3.3	-0.7	326.6	0	0	83.9	84.2	23.7	23.5	0	0
139669	43000	228.5	0.965	3.3	-0.7	326.6	0	0	83.9	84.1	23.7	23.5	0	0
139670	43000	228.5	0.935	3.1	-0.3	326.6	0	0	83.9	84.1	23.7	23.5	0	0
139671	43008	228.5	0.965	3.1	0	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139672	43004	228.5	0.965	3.1	0.4	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139673	43000	228.5	0.97	3.1	0.4	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139674	42996	228.5	0.97	3.1	0	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139675	43004	228.5	0.949	3.1	-0.3	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139676	43004	228.5	0.97	3.1	-0.7	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139677	43000	228.5	0.965	3.1	-0.7	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139678	42992	228.5	0.99	3.1	-0.3	326.6	0	0	83.8	84.1	23.7	23.5	0	0
139679	42996	228.5	0.99	3.3	0	326.6	0	0	83.9	84.1	23.7	23.6	0	0
139680	43000	228.5	0.976	3.3	0.4	326.6	0	0	83.9	84.1	23.6	23.6	0	0
139681	42992	228.5	0.986	3.3	0.4	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139682	42996	228.5	0.986	3.3	0	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139683	43000	228.5	0.981	3.3	-0.3	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139684	42992	228.5	1.008	3.4	-0.3	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139685	43000	228.5	1.004	3.3	-0.7	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139686	43004	228.5	0.942	3.3	-0.7	326.6	0	0	83.8	84.1	23.6	23.6	0	0
139687	42992	228.5	0.988	3.3	-0.7	326.6	0	0	83.8	84.2	23.6	23.5	0	0
139688	43004	228.5	0.972	3.3	-0.3	326.2	0	0	83.8	84.2	23.6	23.5	0	0
139689	43008	228	0.967	3.3	0	326.2	0	0	83.8	84.1	23.6	23.6	0	0
139690	43004	228	0.983	3.3	0	326.2	0	0	83.8	84.1	23.6	23.6	0	0
139691	43004	228	0.963	3.3	0	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139692	43000	228	0.983	3.3	-0.3	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139693	43000	228	0.979	3.3	-0.7	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139694	43004	228	0.942	3.1	-0.7	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139695	43000	228	0.983	3.1	-0.7	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139696	43000	228	0.937	3.1	0	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139697	43000	228	0.992	3.1	0.4	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139698	43000	228	0.974	3.3	0.4	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139699	42996	228	0.974	3.3	0.4	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139700	42992	228	0.988	3.3	0	326.6	0	0	83.8	84.2	23.6	23.6	0	0
139701	43000	228	0.963	3.3	-0.3	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139702	42992	228	0.963	3.3	-0.7	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139703	42996	228	0.972	3.3	-0.7	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139704	42992	228	0.958	3.3	-0.3	326.2	0	0	83.8	84.2	23.6	23.6	0	0
139705	42996	228	0.988	3.3	-0.3	326.2	0	0	83.8	84.2	23.6	23.7	0	0
139706	42996	228	0.983	3.3	0	326.2	0	0	83.8	84.2	23.6	23.7	0	0
139707	43004	228	1.004	3.3	0.4	326.2	0	0	83.8	84.2	23.6	23.7	0	0
139708	43000	228	1.004	3.3	0	326.2	0	0	83.8	84.2	23.6	23.7	0	0
139709	43004	228	1.004	3.3	0	326.2	0	0	83.9	84.2	23.6	23.7	0	0
139710	43004	228	0.958	3.3	-0.3	326.2	0	0	83.9	84.2	23.6	23.7	0	0
139711	43004	228	0.963	3.3	-0.3	326.2	0	0	83.8	84.2	23.6	23.7	0	0
139712	43008	227.5	0.942	3.3	-0.7	326.2	0	0	83.8	84.2	23.6	23.7	0	0
139713	43004	228	0.958	3.1	-0.7	326.2	0	0	83.8	84.4	23.6	23.7	0	0
139714	43000	228	0.951	3.1	-0.7	326.2	0	0	83.8	84.4	23.7	23.7	0	0
139715	43000	227.5	0.979	3.1	-0.3	326.2	0	0	83.9	84.2	23.7	23.7	0	0
139716	43004	228	0.988	3.1	0	326.2	0	0	83.9	84.2	23.7	23.7	0	0
139717	42996	228	0.983	3.1	0.4	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139718	42996	228	0.967	3.1	0.4	326.2	0	0	83.9	84.4	23.7	23.7	0	0

139719	42992	228	0.953	3.1	0	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139720	42992	228	0.963	3.1	-0.3	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139721	42992	228	0.974	3.3	-0.7	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139722	43000	228	0.988	3.3	-0.7	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139723	42996	228	0.974	3.3	-0.3	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139724	43000	228	0.967	3.3	0	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139725	42988	228	0.983	3.3	0.4	326.2	0	0	84.1	84.4	23.7	23.7	0	0
139726	43000	228	0.983	3.3	0.4	326.2	0	0	84.1	84.4	23.7	23.7	0	0
139727	43000	228	0.979	3.3	0	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139728	43000	228	0.965	3.3	-0.3	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139729	43000	228	0.965	3.3	-0.3	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139730	42996	228	0.965	3.3	-0.7	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139731	42992	228	0.956	3.3	-0.7	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139732	43000	228	0.956	3.3	-0.7	326.2	0	0	83.9	84.4	23.9	23.7	0	0
139733	43000	228	0.956	3.3	-0.3	326.2	0	0	84.1	84.4	23.9	23.7	0	0
139734	43000	228	0.956	3.3	0	326.2	0	0	84.1	84.4	23.9	23.7	0	0
139735	43000	228	0.956	3.3	0	326.2	0	0	84.1	84.4	23.9	23.7	0	0
139736	43000	228	0.96	3.1	0.4	326.6	0	0	84.1	84.4	23.9	23.7	0	0
139737	43000	228	0.965	3.1	0.4	326.6	0	0	84.1	84.4	23.9	23.7	0	0
139738	42992	228	0.96	3.1	0.4	326.6	0	0	84.1	84.4	23.9	23.7	0	0
139739	43000	228	0.949	3.3	-0.3	326.6	0	0	84.1	84.2	23.9	23.9	0	0
139740	42996	228	0.986	3.3	-0.7	326.6	0	0	84.1	84.2	23.9	23.9	0	0
139741	43000	228	0.986	3.3	-1	326.6	0	0	84.1	84.4	23.9	23.9	0	0
139742	42996	228.5	0.981	3.3	-0.7	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139743	43004	228.5	0.965	3.3	-0.7	326.2	0	0	84.1	84.6	23.9	23.9	0	0
139744	43004	228.5	0.981	3.3	-0.3	326.2	0	0	84.1	84.6	23.9	23.9	0	0
139745	42996	228.5	0.976	3.3	0	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139746	43000	228.5	0.956	3.3	0.4	326.2	0	0	84.1	84.4	24	23.9	0	0
139747	43000	228.5	0.986	3.3	0.4	326.2	0	0	84.2	84.4	24	23.9	0	0
139748	42996	228.5	0.96	3.3	0	326.2	0	0	84.2	84.4	24	23.9	0	0
139749	43008	228	0.965	3.3	-0.7	326.2	0	0	84.1	84.4	24	23.9	0	0
139750	43004	228.5	0.976	3.3	-0.7	326.2	0	0	84.1	84.4	24	23.9	0	0
139751	42996	228.5	0.931	3.3	-0.7	326.2	0	0	84.1	84.4	24	23.9	0	0
139752	43008	228.5	0.935	3.3	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139753	43008	228.5	0.935	3.3	0	326.2	0	0	84.1	84.6	24	23.9	0	0
139754	43000	228.5	0.951	3.3	0.4	326.2	0	0	84.1	84.6	24	23.9	0	0
139755	43000	228.5	0.958	3.3	0.4	326.6	0	0	84.2	84.4	24	23.9	0	0
139756	42996	228.5	0.947	3.3	0	326.6	0	0	84.2	84.4	24	23.9	0	0
139757	43004	228.5	0.979	3.3	-0.3	326.6	0	0	84.1	84.4	24	23.9	0	0
139758	42996	228.5	0.947	3.3	-0.7	326.6	0	0	84.1	84.4	24	23.9	0	0
139759	42992	228.5	0.947	3.3	-0.7	326.6	0	0	84.2	84.4	24	23.9	0	0
139760	42992	228.5	0.947	3.3	-0.7	326.2	0	0	84.2	84.4	24	23.9	0	0
139761	43000	228.5	0.983	3.3	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139762	42996	228.5	0.992	3.3	0	326.2	0	0	84.1	84.4	24	23.9	0	0
139763	43000	228.5	0.967	3.3	0	326.2	0	0	84.2	84.4	24	23.9	0	0
139764	42996	228.5	0.988	3.3	0.4	326.2	0	0	84.2	84.4	24	23.9	0	0
139765	42996	228.5	0.988	3.3	0	326.2	0	0	84.1	84.4	24	23.9	0	0
139766	43000	228.5	0.988	3.3	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139767	43004	228.5	0.997	3.3	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139768	42996	228.5	0.976	3.3	-0.7	326.2	0	0	84.1	84.4	24	23.9	0	0
139769	43000	228.5	0.992	3.3	-0.7	326.2	0	0	84.1	84.4	24	23.9	0	0
139770	43008	228.5	0.967	3.3	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139771	43000	228.5	0.935	3.3	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139772	43000	228.5	0.96	3.3	0	326.2	0	0	84.1	84.4	24	23.9	0	0
139773	42996	228.5	0.96	3.1	0	326.2	0	0	84.1	84.4	24	23.9	0	0
139774	43004	228.5	0.96	3.1	0	326.2	0	0	84.1	84.4	24	23.9	0	0
139775	43004	228.5	0.94	3.1	0.4	326.2	0	0	84.2	84.4	24	23.9	0	0
139776	42996	228.5	0.965	3.1	0	326.2	0	0	84.2	84.4	24	23.9	0	0
139777	42996	228.5	0.965	3.1	0	326.2	0	0	84.1	84.4	24	23.9	0	0
139778	42996	228.5	0.96	3.1	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139779	43000	228.5	0.986	3.1	-0.7	326.2	0	0	84.1	84.6	24	23.9	0	0
139780	43000	228.5	0.974	3.1	-0.7	326.2	0	0	84.1	84.6	24	23.9	0	0
139781	43000	229	0.986	3.3	-0.7	326.2	0	0	84.1	84.6	24	23.9	0	0
139782	42992	229	0.99	3.3	-0.3	326.2	0	0	84.1	84.6	24	23.9	0	0
139783	42992	229	0.986	3.3	0	326.2	0	0	84.1	84.6	24	23.9	0	0
139784	42996	229	0.981	3.3	0.4	326.2	0	0	84.1	84.6	24	23.9	0	0
139785	43000	229	0.981	3.3	0.4	326.2	0	0	83.9	84.6	24	23.9	0	0
139786	42996	229	0.974	3.3	0	326.2	0	0	83.9	84.6	24	23.9	0	0
139787	42996	229	0.981	3.3	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139788	42996	229	0.963	3.3	-0.7	326.2	0	0	84.1	84.4	24	23.9	0	0
139789	43000	228.5	0.947	3.3	-0.7	326.2	0	0	84.1	84.6	24	23.9	0	0

139790	43000	228.5	0.979	3.1	-0.7	326.2	0	0	84.1	84.6	24	23.9	0	0
139791	43004	229	0.951	3.1	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139792	42992	228.5	0.972	3.1	0	326.2	0	0	84.1	84.4	24	23.9	0	0
139793	42996	229	0.972	3.1	0.4	326.2	0	0	84.1	84.4	24	23.9	0	0
139794	43000	229	0.979	3.1	0.4	326.2	0	0	84.1	84.4	24	23.9	0	0
139795	43000	229	0.972	3.1	0	326.2	0	0	84.1	84.4	24	23.9	0	0
139796	42992	229	0.979	3.1	-0.3	326.2	0	0	84.1	84.4	24	23.9	0	0
139797	43004	229	0.967	3.1	-0.7	326.2	0	0	84.1	84.6	24	23.9	0	0
139798	42996	229	0.972	3.1	-0.7	326.2	0	0	84.1	84.6	24	23.9	0	0
139799	42992	229	0.951	3.1	-0.7	326.2	0	0	83.9	84.6	24	23.9	0	0
139800	42996	229	0.958	3.1	-0.3	326.2	0	0	83.9	84.6	24	23.9	0	0
139801	42992	229	0.988	3.1	0	326.2	0	0	84.1	84.4	24	24	0	0
139802	43000	229	0.988	3.1	0.4	326.2	0	0	84.1	84.4	24	24	0	0
139803	43000	229	0.999	3.1	0.4	326.2	0	0	83.9	84.4	24	24	0	0
139804	43000	229	0.972	3.1	0.4	326.2	0	0	83.9	84.4	24	24	0	0
139805	43000	229	0.983	3.1	0	326.2	0	0	84.1	84.4	24	24	0	0
139806	43000	229	0.981	3.1	-0.3	326.2	0	0	84.1	84.4	24	24	0	0
139807	43004	229	0.96	3.1	-0.7	326.2	0	0	83.9	84.4	24	24	0	0
139808	43004	229	0.986	3.3	-0.7	326.2	0	0	83.9	84.4	24	24	0	0
139809	43004	229	0.986	3.3	-0.3	326.2	0	0	84.1	84.4	24	24	0	0
139810	43000	229	0.97	3.3	0	326.2	0	0	84.1	84.4	23.9	24	0	0
139811	43000	229	0.965	3.3	0.4	326.2	0	0	83.9	84.4	23.9	24	0	0
139812	43004	229	0.96	3.3	0.4	326.2	0	0	83.9	84.4	23.9	24	0	0
139813	42996	229	0.995	3.3	0.4	326.2	0	0	83.9	84.4	23.9	24	0	0
139814	42996	229	0.983	3.1	0	326.2	0	0	83.9	84.4	23.9	24	0	0
139815	43000	229	0.947	3.1	-0.3	326.2	0	0	84.1	84.4	23.9	24	0	0
139816	42996	229	0.951	3.1	-0.7	326.2	0	0	84.1	84.4	23.9	24	0	0
139817	43000	229	0.951	3.1	-0.7	326.2	0	0	83.9	84.4	23.9	24	0	0
139818	42996	229	0.983	3.1	-0.3	326.2	0	0	83.9	84.4	23.9	24	0	0
139819	43000	229	0.983	3.1	0	326.2	0	0	83.9	84.4	23.9	24	0	0
139820	43000	229	0.988	3.1	0	326.2	0	0	83.9	84.4	23.9	24	0	0
139821	42996	229	0.972	3.3	0.4	326.2	0	0	84.1	84.4	23.9	24	0	0
139822	43000	229	0.963	3.3	0	326.2	0	0	84.1	84.4	23.9	24	0	0
139823	42996	229	0.986	3.3	0	326.2	0	0	83.9	84.4	23.9	24	0	0
139824	43000	229	0.976	3.3	-0.3	326.2	0	0	83.9	84.4	23.9	24	0	0
139825	42996	229	0.949	3.3	-0.3	326.2	0	0	83.9	84.4	23.9	24	0	0
139826	43000	229	0.995	3.3	-0.3	326.2	0	0	83.9	84.4	23.9	24	0	0
139827	43000	229	0.995	3.3	-0.7	326.2	0	0	83.9	84.4	23.9	24	0	0
139828	42996	229	0.96	3.3	-0.7	326.2	0	0	83.9	84.4	23.9	24	0	0
139829	42996	229	0.97	3.3	-0.7	326.2	0	0	83.9	84.4	23.9	24	0	0
139830	43004	229	0.97	3.3	-0.3	326.2	0	0	83.9	84.4	23.9	24	0	0
139831	43004	229	0.97	3.3	0.4	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139832	43004	229	0.958	3.3	0.4	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139833	43000	229	0.979	3.1	0.4	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139834	43004	228.5	0.953	3.1	0	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139835	43004	229	0.974	3.1	-0.3	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139836	43004	229	0.963	3.1	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139837	43008	229	0.963	3.1	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139838	43004	229	0.979	3.1	-0.3	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139839	43000	229	0.967	3.1	0	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139840	43000	229	0.986	3.1	0.4	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139841	42996	229	0.981	3.1	0.4	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139842	42996	229	0.981	3.1	0.4	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139843	43000	229	0.981	3.1	0	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139844	43000	229	0.976	3.3	-0.3	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139845	42996	229	0.981	3.3	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139846	42992	229	0.976	3.3	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139847	43004	229	0.976	3.3	-0.7	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139848	43000	229	0.981	3.3	-0.3	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139849	42992	229	0.979	3.3	0	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139850	42996	229	0.972	3.3	0.4	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139851	43004	229	0.963	3.3	0.4	326.2	0	0	83.9	84.6	23.9	23.9	0	0
139852	43004	229	0.958	3.3	0	326.2	0	0	83.9	84.6	23.9	23.9	0	0
139853	42996	229	0.963	3.3	-0.3	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139854	43004	229	0.963	3.3	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139855	43000	229	0.958	3.1	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139856	43004	229	0.967	3.1	-0.3	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139857	43008	229	0.963	3.1	0	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139858	42996	229	0.96	3.1	0.4	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139859	43004	229	0.965	3.1	0.4	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139860	43004	229	0.965	3.1	0.4	326.2	0	0	84.1	84.4	23.9	23.9	0	0

139861	43004	229	0.974	3.1	-0.3	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139862	43000	229	0.974	3.1	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139863	43004	229	0.97	3.1	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139864	42996	229	0.986	3.1	-0.7	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139865	43004	229	0.949	3.1	-0.3	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139866	42992	229	0.949	3.1	0	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139867	42992	229	0.949	3.1	0.4	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139868	43000	229	0.944	3.3	0.4	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139869	42996	229	0.986	3.3	0	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139870	42992	229	0.981	3.3	-0.3	326.2	0	0	83.9	84.4	23.9	23.9	0	0
139871	43000	229	0.981	3.3	-0.7	326.2	0	0	84.1	84.2	23.9	23.9	0	0
139872	43000	229	0.96	3.3	-0.7	326.2	0	0	84.1	84.2	23.9	23.9	0	0
139873	43000	229	0.96	3.3	-0.7	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139874	43004	229	0.94	3.3	-0.3	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139875	42996	229	0.947	3.3	0	326.2	0	0	84.1	84.4	23.9	23.9	0	0
139876	43000	229	0.999	3.3	0.4	326.2	0	0	84.1	84.4	24	23.9	0	0
139877	43004	229	0.979	3.3	0.4	326.2	0	0	84.1	84.4	24	23.7	0	0
139878	43004	229	0.951	3.3	0	326.2	0	0	84.1	84.4	24	23.7	0	0
139879	43004	229	0.951	3.3	-0.3	326.2	0	0	83.9	84.4	24	23.7	0	0
139880	43000	229	0.958	3.1	-0.7	326.2	0	0	83.9	84.4	24	23.7	0	0
139881	43000	229	0.972	3.1	-0.7	326.2	0	0	84.1	84.4	24	23.7	0	0
139882	43008	229	0.972	3.1	-0.7	326.2	0	0	84.1	84.4	24	23.7	0	0
139883	43008	229	0.958	3.1	-0.3	326.2	0	0	84.1	84.2	24	23.7	0	0
139884	43000	229	0.981	3.1	0	326.2	0	0	84.1	84.2	23.7	23.7	0	0
139885	43000	229	0.981	3.1	0.4	326.2	0	0	83.9	84.4	23.7	23.7	0	0
139886	43028	229	0.986	3.1	0.4	326.2	0	0	83.9	84.4	23.6	23.7	0	0
139887	43012	229.5	0.965	3.1	0	326.2	0	0	83.9	84.2	23.6	22.9	0	0
139888	43004	229	0.953	3.1	-0.3	326.2	0	0	83.9	84.2	23.4	22.9	0	0
139889	43008	229.5	0.965	3.1	-0.7	326.2	0	0	83.9	84.4	23.4	23.4	0	0
139890	43000	229	0.953	2.9	-0.7	326.2	0	0	83.9	84.4	23.4	23.4	0	0
139891	43000	229.5	0.933	2.9	-0.7	326.2	0	0	84.1	84.2	23.4	23.4	0	0
139892	43004	229.5	0.96	2.9	-0.3	326.2	0	0	84.1	84.2	23.6	23.4	0	0
139893	42996	229.5	0.96	2.9	0	326.2	0	0	84.1	84.2	23.6	23.4	0	0
139894	43000	229.5	0.981	3.1	0.4	326.2	0	0	84.1	84.2	23.6	23.4	0	0
139895	42996	229.5	0.99	3.1	0.4	326.2	0	0	84.1	84.4	23.6	23.3	0	0
139896	42996	229.5	0.986	3.1	0	326.2	0	0	84.1	84.4	23.7	23.3	0	0
139897	42992	229.5	0.986	3.1	-0.3	326.2	0	0	84.1	84.2	23.7	23.3	0	0
139898	42992	229.5	0.97	3.3	-0.7	326.2	0	0	84.1	84.2	23.7	23.3	0	0
139899	42992	229.5	0.981	3.3	-0.7	326.2	0	0	84.1	84.2	23.7	23.3	0	0
139900	43000	229.5	0.974	3.3	-0.7	326.2	0	0	84.1	84.2	23.6	23.3	0	0
139901	42996	229.5	0.979	3.3	0	326.2	0	0	83.9	84.2	23.6	23.3	0	0
139902	43000	229.5	0.963	3.3	0.4	326.2	0	0	83.9	84.2	23.6	23.3	0	0
139903	43008	229.5	0.958	3.3	0.4	326.2	0	0	83.9	84.2	23.6	23.1	0	0
139904	42996	229.5	0.958	3.1	0.4	326.2	0	0	83.9	84.2	23.6	23.1	0	0
139905	43004	229	0.963	3.1	0	326.2	0	0	84.1	84.4	23.6	23.1	0	0
139906	43004	229	0.963	3.1	-0.3	326.2	0	0	84.1	84.4	23.5	23.1	0	0
139907	43000	229.5	0.963	3.1	-0.7	326.2	0	0	83.9	84.2	23.5	23.1	0	0
139908	43000	229	0.958	3.1	-0.7	326.2	0	0	83.9	84.2	23.5	23.1	0	0
139909	42996	229	0.963	3.1	-0.3	326.2	0	0	83.9	84.2	23.5	23.1	0	0
139910	42996	229	0.972	3.1	0	326.2	0	0	83.9	84.2	23.5	23.1	0	0
139911	42996	229	0.983	3.1	0.4	326.2	0	0	83.9	84.2	23.5	23.1	0	0
139912	43004	229.5	0.976	3.1	0.4	326.2	0	0	83.9	84.2	23.5	23.1	0	0
139913	42996	229.5	1.004	3.3	0	326.2	0	0	83.9	84.2	23.5	23.1	0	0
139914	43000	229.5	0.997	3.3	-0.3	326.2	0	0	83.9	84.2	23.4	23.1	0	0
139915	43004	229.5	0.976	3.3	-0.7	326.2	0	0	83.9	84.2	23.4	23.1	0	0
139916	42992	229.5	0.976	3.3	-0.7	326.2	0	0	83.9	84.2	23.4	23.1	0	0
139917	43000	229.5	0.976	3.3	-0.7	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139918	42996	229.5	0.988	3.3	-0.3	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139919	42996	229.5	0.972	3.3	0	326.2	0	0	83.8	84.2	23.4	23.3	0	0
139920	43000	229.5	0.942	3.1	0.4	326.2	0	0	83.8	84.2	23.4	23.3	0	0
139921	42996	229.5	0.983	3.1	0.4	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139922	42992	229.5	0.951	3.1	0	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139923	42996	229.5	0.958	3.1	-0.3	326.2	0	0	83.8	84.2	23.4	23.3	0	0
139924	43000	229.5	0.979	3.1	-0.7	326.2	0	0	83.8	84.2	23.4	23.3	0	0
139925	42996	229.5	0.983	3.1	-0.7	326.2	0	0	83.8	84.2	23.4	23.3	0	0
139926	43000	229.5	0.963	3.1	-0.7	326.2	0	0	83.8	84.2	23.4	23.3	0	0
139927	42996	229.5	0.956	3.1	-0.3	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139928	42996	229.5	0.956	3.1	0	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139929	42992	229.5	0.976	3.1	0.4	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139930	42996	229.5	0.976	3.1	0.4	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139931	42992	229.5	0.976	3.1	0	326.2	0	0	83.8	84.2	23.4	23.3	0	0

139932	42996	229.5	0.97	3.1	-0.3	326.2	0	0	83.8	84.2	23.4	23.3	0	0
139933	42992	229.5	0.956	3.1	-0.7	326.2	0	0	83.9	84.2	23.4	23.3	0	0
139934	42992	229.5	0.949	3.1	-0.7	325.9	0	0	83.9	84.2	23.4	23.3	0	0
139935	43000	229.5	0.956	3.1	-0.7	325.9	0	0	83.8	84.4	23.4	23.3	0	0
139936	43004	229.5	0.944	3.3	-0.3	325.9	0	0	83.8	84.4	23.4	23.3	0	0
139937	42996	229.5	0.944	3.3	0	325.9	0	0	83.9	84.4	23.4	23.4	0	0
139938	42996	229	0.986	3.3	0.4	325.9	0	0	83.9	84.4	23.4	23.4	0	0
139939	43000	229	0.986	3.3	0.4	325.9	0	0	83.9	84.2	23.4	23.4	0	0
139940	43000	229	0.981	3.3	0	326.2	0	0	83.9	84.2	23.3	23.4	0	0
139941	42992	229	0.956	3.3	-0.3	326.2	0	0	83.8	84.2	23.3	23.3	0	0
139942	42996	229	0.949	3.3	-0.7	326.2	0	0	83.8	84.2	23.3	23.3	0	0
139943	43004	229	0.97	3.3	-0.7	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139944	43004	229	0.965	3.1	-0.3	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139945	43004	229	0.956	3.1	0	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139946	43000	229	0.944	3.1	0.4	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139947	43000	229	0.949	3.1	0.4	326.2	0	0	83.8	84.2	23.3	23.3	0	0
139948	42996	229	0.949	3.1	0	326.2	0	0	83.8	84.2	23.3	23.3	0	0
139949	42992	229	0.97	3.1	-0.3	326.2	0	0	83.8	84.2	23.3	23.3	0	0
139950	42996	229	0.94	3.1	-0.7	326.2	0	0	83.8	84.2	23.3	23.3	0	0
139951	43000	229	0.976	3.1	-0.7	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139952	42996	229	0.981	3.1	-0.7	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139953	42996	229	0.965	3.1	-0.3	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139954	42996	229	0.97	3.1	0	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139955	42988	229	0.981	3.3	0.4	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139956	43000	229	0.976	3.3	0.4	326.2	0	0	83.8	84.2	23.3	23.3	0	0
139957	42996	229	0.976	3.3	0	326.2	0	0	83.8	84.4	23.3	23.3	0	0
139958	43004	229	0.97	3.3	-0.3	326.2	0	0	83.8	84.4	23.3	23.3	0	0
139959	42992	229	0.99	3.3	-0.7	326.2	0	0	83.9	84.2	23.3	23.3	0	0
139960	43000	229	0.981	3.3	-0.7	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139961	43000	229	0.981	3.3	-0.7	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139962	43004	229	0.944	3.3	-0.3	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139963	43004	229	0.944	3.3	0.4	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139964	43000	229	0.96	3.3	0.4	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139965	42996	229	0.965	3.3	0.4	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139966	43004	229	0.965	3.1	0	326.2	0	0	83.9	84.2	23.3	23.3	0	0
139967	43000	229	0.96	3.1	-0.3	325.9	0	0	83.8	84.2	23.3	23.1	0	0
139968	43004	229	0.96	3.1	-0.7	325.9	0	0	83.8	84.2	23.3	23.1	0	0
139969	43000	229	0.96	3.1	-0.7	325.9	0	0	83.9	84.2	23.3	23.1	0	0
139970	43000	229	0.972	3.1	-0.3	325.9	0	0	83.9	84.2	23.3	23.1	0	0
139971	42996	229	0.972	3.1	0	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139972	43004	229	0.963	3.1	0.4	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139973	43004	229	0.979	3.1	0.4	325.9	0	0	83.9	84.1	23.3	23.3	0	0
139974	43004	229	0.983	3.1	0	326.2	0	0	83.9	84.1	23.3	23.3	0	0
139975	43008	229	0.951	3.1	-0.3	326.2	0	0	83.9	84.1	23.3	23.1	0	0
139976	43000	229	0.958	3.1	-0.7	325.9	0	0	83.9	84.1	23.3	23.1	0	0
139977	42996	229	0.967	3.1	-0.7	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139978	43004	229	0.958	3.1	-0.7	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139979	42996	229	0.979	3.1	-0.3	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139980	43000	229	0.951	3.1	0	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139981	42996	229	0.958	3.1	0	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139982	42996	229	0.972	3.1	0.4	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139983	42996	229	0.942	3.1	0	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139984	42996	229	0.942	3.1	-0.3	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139985	42992	229	0.951	3.1	-0.7	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139986	43004	229	0.988	3.1	-0.7	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139987	43000	229	0.947	3.1	-0.7	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139988	43000	229	0.958	3.1	-0.3	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139989	43000	229	0.958	3.1	0	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139990	43000	229	0.951	3.1	0.4	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139991	42992	229	0.951	3.1	0.4	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139992	42992	229	0.976	3.1	0	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139993	43000	229	0.958	3.1	-0.3	325.9	0	0	83.9	84.4	23.3	23.3	0	0
139994	43008	229	0.976	3.1	-0.7	325.9	0	0	83.9	84.4	23.3	23.3	0	0
139995	43004	229	0.947	3.1	-0.7	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139996	43004	229	0.983	3.1	-0.7	325.9	0	0	83.8	84.2	23.3	23.3	0	0
139997	42992	229	0.988	3.1	-0.3	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139998	42996	229	0.942	3.1	0	325.9	0	0	83.9	84.2	23.3	23.3	0	0
139999	43004	229	0.958	3.1	0.7	325.9	0	0	83.9	84.2	23.3	23.3	0	0
140000	42992	229	0.951	3.1	1.4	325.9	0	0	83.9	84.2	23.3	23.3	0	0
140001	42996	229	0.983	3.1	3.2	326.2	0	0	83.8	84.2	23.3	23.3	0	0
140002	42996	229	0.988	3.1	4.9	326.6	0	0	83.8	84.2	23.3	23.3	0	0

140003	42996	229	0.983	3.1	5.3	326.6	0	0	83.9	84.2	23.3	23.3	0	0
140004	43000	229	0.967	3.1	5.3	327	0	0	83.9	84.2	23.3	23.3	0	0
140005	43000	229	0.986	3.1	4.6	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140006	43000	229	0.986	3.1	3.9	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140007	43000	229	0.986	3.1	2.8	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140008	43000	229	0.956	3.3	1.8	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140009	42996	229	0.986	3.3	1.1	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140010	42996	229	0.986	3.3	1.1	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140011	43004	229	0.99	3.3	1.1	327.7	0	0	83.9	84.1	23.3	23.3	0	0
140012	43008	229	0.96	3.3	1.1	327.7	0	0	83.9	84.1	23.3	23.3	0	0
140013	42996	229	0.949	3.1	1.1	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140014	43008	229	0.963	3.1	1.1	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140015	43004	228.5	0.958	3.1	0.7	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140016	42996	229	0.979	3.1	0	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140017	42996	229	0.972	3.1	-0.3	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140018	43004	229	0.972	3.1	-1	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140019	42992	229	0.963	3.1	-1	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140020	42992	229	0.979	3.1	-0.3	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140021	43000	229	0.983	3.1	0	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140022	43004	229	0.974	3.1	0	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140023	43000	229	0.981	3.1	0	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140024	42992	228.5	0.995	3.1	-0.3	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140025	42996	228.5	0.995	3.3	-0.7	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140026	43000	229	0.99	3.3	-1	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140027	42996	228.5	0.981	3.3	-1	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140028	43000	228.5	0.986	3.3	-0.7	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140029	42996	228.5	0.974	3.3	-0.3	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140030	42996	229	0.97	3.1	0.4	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140031	43000	228.5	0.976	3.1	0.4	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140032	43000	228.5	0.97	3.1	0	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140033	43000	228.5	0.976	3.1	-0.7	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140034	42996	228.5	0.956	3.1	-1	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140035	42996	228.5	0.97	3.1	-1	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140036	42996	228.5	0.976	3.1	-0.7	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140037	42996	229	0.981	3.1	-0.3	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140038	43004	229	0.986	3.1	0	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140039	43000	229	0.965	3.1	0	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140040	42996	229	0.995	3.1	0	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140041	42996	229	0.995	3.1	-0.3	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140042	43000	229	0.981	3.1	-0.7	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140043	43004	229	0.981	3.1	-1	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140044	42996	229	0.986	3.1	-0.7	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140045	42996	229	0.995	3.1	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140046	42996	229	0.956	3.1	0	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140047	42996	229	0.97	3.1	0	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140048	42996	229	0.967	3.3	0.4	327.7	0	0	83.8	84.2	23.3	23.3	0	0
140049	43000	229	1.004	3.3	0	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140050	42992	229	0.963	3.3	-0.3	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140051	43008	229	0.983	3.3	-0.7	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140052	43008	229	0.979	3.1	-1	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140053	43004	229	0.963	3.1	-0.7	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140054	42996	229	0.979	3.1	-0.7	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140055	43004	229	0.947	3.1	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140056	43004	229	0.951	3.1	0	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140057	43004	229	0.958	3.1	0.4	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140058	43000	229	0.992	3.1	0.4	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140059	43004	229	0.963	3.1	0	327.7	0	0	83.9	84.2	23.3	23.3	0	0
140060	43004	229	0.988	3.1	-0.3	327.7	0	0	83.9	84.2	23.4	23.3	0	0
140061	43004	229	0.953	3.1	-0.7	327.7	0	0	83.9	84.4	23.4	23.3	0	0
140062	43000	229	0.958	3.1	-1	327.7	0	0	83.9	84.4	23.4	23.3	0	0
140063	42996	229	0.992	3.1	-0.7	327.3	0	0	83.9	84.4	23.4	23.3	0	0
140064	43000	229	0.999	3.1	-0.3	327.3	0	0	83.9	84.4	23.4	23.3	0	0
140065	42996	229.5	0.979	3.1	0	327.3	0	0	83.9	84.4	23.4	23.3	0	0
140066	43004	229	0.983	3.1	0.4	327.3	0	0	83.9	84.4	23.4	23.3	0	0
140067	42996	229	0.967	3.1	0.4	327.7	0	0	83.9	84.2	23.4	23.3	0	0
140068	43000	229.5	0.988	3.1	0	327.7	0	0	83.9	84.2	23.4	23.3	0	0
140069	42988	229.5	0.972	3.1	-0.3	327.7	0	0	83.9	84.2	23.4	23.4	0	0
140070	42988	229.5	0.967	3.1	-0.7	327.7	0	0	83.9	84.2	23.4	23.4	0	0
140071	42992	229.5	0.999	3.1	-0.7	327.3	0	0	83.9	84.2	23.4	23.4	0	0
140072	43000	229.5	0.958	3.3	-0.7	327.3	0	0	83.9	84.2	23.4	23.4	0	0
140073	43000	229.5	0.979	3.3	-0.7	327.3	0	0	83.8	84.2	23.4	23.3	0	0

140074	42996	229.5	1.002	3.3	0	327.3	0	0	83.8	84.2	23.4	23.3	0	0
140075	43004	229.5	0.981	3.3	0.4	327.3	0	0	83.9	84.2	23.4	23.3	0	0
140076	43000	229	0.986	3.3	0.4	327.3	0	0	83.9	84.2	23.4	23.3	0	0
140077	43000	229	0.97	3.3	0.4	327.7	0	0	83.9	84.2	23.4	23.3	0	0
140078	42996	229	0.944	3.1	-0.3	327.7	0	0	83.9	84.2	23.4	23.3	0	0
140079	43000	229	0.935	3.1	-0.7	327.3	0	0	83.9	84.2	23.4	23.3	0	0
140080	43008	229	0.956	3.1	-0.7	327.3	0	0	83.9	84.2	23.4	23.3	0	0
140081	42996	229	0.956	3.1	-0.7	327.3	0	0	83.8	84.2	23.4	23.3	0	0
140082	43008	229	0.976	3.1	-0.3	327.3	0	0	83.8	84.2	23.4	23.3	0	0
140083	43004	229	0.965	3.1	0	327.3	0	0	83.9	84.2	23.4	23.3	0	0
140084	43004	229	0.96	3.1	0.4	327.3	0	0	83.9	84.2	23.4	23.3	0	0
140085	43000	229	0.96	3.1	0.4	327.3	0	0	83.9	84.2	23.4	23.3	0	0
140086	43000	229	0.956	3.1	0	327.3	0	0	83.9	84.2	23.4	23.3	0	0
140087	43000	229	0.956	3.1	-0.3	327.3	0	0	83.8	84.2	23.4	23.3	0	0
140088	42996	229	0.965	3.1	-0.7	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140089	42996	229	0.97	3.1	-0.7	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140090	43004	229	0.981	3.1	-0.7	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140091	43000	229	0.974	3.1	-0.3	327.3	0	0	83.8	84.1	23.3	23.3	0	0
140092	43004	229	0.979	3.1	0.4	327.3	0	0	83.8	84.1	23.3	23.3	0	0
140093	43000	229	0.979	3.1	0.4	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140094	42996	229	0.967	3.3	0.4	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140095	42996	229	0.963	3.3	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140096	42992	229	0.967	3.3	-0.7	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140097	43000	229	0.963	3.1	-1	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140098	43004	229	0.933	3.1	-0.7	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140099	43004	229	0.963	3.1	-0.3	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140100	42996	229	0.972	3.1	0	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140101	43000	228.5	0.958	3.1	0.4	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140102	43004	228.5	0.972	3.1	0.4	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140103	43000	229	0.958	3.1	0	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140104	43000	229	0.979	3.1	-0.7	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140105	42996	228.5	0.967	3.1	-0.7	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140106	42996	228.5	0.972	3.1	-0.7	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140107	43008	228.5	0.979	3.1	-0.3	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140108	42996	228.5	0.967	3.1	0	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140109	43000	228.5	0.967	3.1	0.4	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140110	42992	228.5	0.967	3.1	0.4	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140111	42992	228.5	0.963	3.1	0	327.3	0	0	83.9	84.1	23.3	23.3	0	0
140112	42996	228.5	0.997	3.1	-0.3	327.3	0	0	83.9	84.1	23.3	23.3	0	0
140113	42996	228.5	0.988	3.1	-0.7	327.3	0	0	83.8	84.1	23.3	23.3	0	0
140114	43000	228.5	0.992	3.1	-1	327.3	0	0	83.8	84.1	23.3	23.3	0	0
140115	42996	228.5	0.992	3.1	-0.7	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140116	43000	228.5	0.967	3.3	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140117	43004	229	1.008	3.3	0	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140118	42996	228.5	0.972	3.3	0.4	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140119	43004	229	0.967	3.3	0.4	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140120	42992	228.5	0.983	3.3	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140121	43000	228.5	0.951	3.3	-0.3	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140122	43000	228.5	0.983	3.3	-0.7	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140123	43000	228.5	0.976	3.1	-0.7	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140124	42996	228.5	0.937	3.1	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140125	42996	228.5	0.942	3.1	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140126	42996	228.5	0.96	3.1	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140127	43000	228.5	0.96	3.1	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140128	42996	228.5	0.981	3.1	0	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140129	42996	228.5	0.94	3.1	0	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140130	43000	228.5	0.97	3.1	0.4	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140131	43004	228.5	0.97	3.1	0.4	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140132	42992	228.5	0.974	3.3	0	327.3	0	0	83.8	84.2	23.3	23.3	0	0
140133	42992	228.5	0.986	3.3	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140134	42996	228.5	0.99	3.3	-0.3	327.3	0	0	83.9	84.2	23.3	23.3	0	0
140135	42992	228.5	0.99	3.3	-0.7	327.3	0	0	83.9	84.4	23.3	23.3	0	0
140136	42996	228.5	0.96	3.3	-1	327.3	0	0	83.9	84.4	23.7	23.3	0	0
140137	42988	228.5	0.981	3.3	-1	327.3	0	0	83.9	84.2	23.7	23.4	0	0
140138	42996	228.5	0.99	3.3	-0.3	327.3	0	0	83.9	84.2	23.6	23.4	0	0
140139	43000	228.5	0.96	3.3	0	327.3	0	0	83.9	84.4	23.6	23.6	0	0
140140	43004	228.5	0.995	3.3	0.4	327.3	0	0	83.9	84.4	23.4	23.6	0	0
140141	42996	228.5	0.986	3.4	0.4	327.3	0	0	83.9	84.2	23.4	23.5	0	0
140142	43008	228.5	0.99	3.4	0	327.3	0	0	83.9	84.2	23.4	23.5	0	0
140143	43000	228.5	0.981	3.3	-0.3	327.3	0	0	83.9	84.4	23.4	23.4	0	0
140144	43000	228.5	0.951	3.3	-0.7	327.3	0	0	83.9	84.4	23.4	23.4	0	0

140145	43004	228.5	0.933	3.3	-0.7	327.3	0	0	83.9	84.4	23.4	23.4	0	0
140146	43000	228.5	0.947	3.1	-0.7	327.3	0	0	83.9	84.4	23.4	23.4	0	0
140147	43004	228.5	0.933	3.1	-0.3	327.3	0	0	83.9	84.4	23.4	23.4	0	0
140148	43008	228.5	0.963	3.1	0	327.3	0	0	83.9	84.4	23.4	23.4	0	0
140149	43004	228.5	0.963	3.1	0.4	327.3	0	0	84.1	84.4	23.4	23.3	0	0
140150	43008	228.5	0.942	3.1	0.4	327.3	0	0	84.1	84.4	23.4	23.3	0	0
140151	42996	228.5	0.979	3.1	0	327.3	0	0	83.9	84.4	23.4	23.4	0	0
140152	43004	228.5	0.976	3.1	-0.3	327.3	0	0	83.9	84.4	23.4	23.4	0	0
140153	43000	228.5	0.981	3.1	-0.7	327.3	0	0	84.1	84.4	23.4	23.4	0	0
140154	43000	228.5	0.99	3.1	-1	327.3	0	0	84.1	84.4	23.4	23.4	0	0
140155	43000	228.5	0.986	3.1	-0.7	327.3	0	0	83.9	84.4	23.4	23.4	0	0
140156	43004	228.5	0.99	3.1	-0.3	327	0	0	83.9	84.4	23.4	23.4	0	0
140157	43000	228.5	0.97	3.3	0	327.3	0	0	84.1	84.4	23.4	23.4	0	0
140158	43000	228.5	0.995	3.3	0.4	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140159	43000	228.5	1.002	3.3	0	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140160	42996	228.5	0.981	3.3	0	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140161	42996	228.5	0.956	3.3	-0.3	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140162	42992	228.5	0.986	3.1	-0.7	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140163	42996	228.5	0.986	3.1	-0.7	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140164	43004	228.5	0.965	3.1	-0.7	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140165	42996	228.5	0.956	3.1	0	327	0	0	83.9	84.4	23.5	23.4	0	0
140166	43000	228.5	0.956	3.1	0.4	327	0	0	83.9	84.4	23.5	23.4	0	0
140167	43000	228.5	0.956	3.1	0.4	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140168	43004	228.5	0.965	3.1	0.4	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140169	42996	228.5	0.986	3.1	0	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140170	43000	228.5	0.992	3.1	-0.3	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140171	43000	228.5	1.008	3.1	-0.7	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140172	43000	228.5	0.972	3.1	-0.7	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140173	42992	228.5	1.004	3.1	-0.7	327	0	0	84.1	84.4	23.5	23.4	0	0
140174	43004	228.5	0.972	3.1	-0.3	327	0	0	84.1	84.4	23.5	23.4	0	0
140175	43000	228.5	1.008	3.1	0	327	0	0	83.9	84.4	23.5	23.4	0	0
140176	43004	228.5	1.004	3.3	0.4	327	0	0	83.9	84.4	23.5	23.4	0	0
140177	43000	228.5	0.967	3.3	0.4	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140178	43000	228.5	0.967	3.3	0	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140179	43000	228.5	0.979	3.3	-0.3	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140180	43000	228.5	0.979	3.3	-0.7	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140181	43004	228	0.958	3.3	-0.7	327	0	0	83.9	84.6	23.5	23.4	0	0
140182	42996	228	0.963	3.3	-0.7	327	0	0	83.9	84.6	23.5	23.4	0	0
140183	43004	228	0.972	3.3	-0.3	327	0	0	83.9	84.4	23.5	23.4	0	0
140184	43004	228	0.972	3.3	0	327	0	0	83.9	84.4	23.5	23.4	0	0
140185	43000	228	0.983	3.3	0.4	327	0	0	83.8	84.4	23.5	23.4	0	0
140186	43000	228	0.947	3.3	0.4	327	0	0	83.8	84.4	23.5	23.4	0	0
140187	43004	228	0.988	3.3	0	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140188	43000	228	0.953	3.3	-0.3	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140189	43000	228	0.942	3.1	-0.3	327.3	0	0	83.9	84.6	23.5	23.4	0	0
140190	43000	228	0.983	3.1	-0.7	327	0	0	83.9	84.6	23.5	23.4	0	0
140191	42996	228.5	0.988	3.1	-0.7	327	0	0	83.9	84.4	23.5	23.5	0	0
140192	42988	228.5	0.947	3.1	-0.3	327	0	0	83.9	84.4	23.5	23.5	0	0
140193	43000	228.5	0.979	3.3	0	327	0	0	83.9	84.4	23.5	23.5	0	0
140194	43000	228.5	0.988	3.3	0.4	327	0	0	83.9	84.4	23.5	23.5	0	0
140195	43004	228.5	0.983	3.3	0.4	327	0	0	84.1	84.6	23.5	23.4	0	0
140196	43004	228.5	0.988	3.3	0	327	0	0	84.1	84.6	23.5	23.4	0	0
140197	43000	228.5	0.988	3.3	-0.3	327	0	0	83.9	84.4	23.5	23.4	0	0
140198	43000	228.5	0.967	3.3	-0.7	327	0	0	83.9	84.4	23.5	23.4	0	0
140199	42992	228.5	1.004	3.3	-0.7	327	0	0	83.9	84.4	23.5	23.4	0	0
140200	42996	228.5	0.963	3.3	-0.7	327	0	0	83.9	84.4	23.5	23.4	0	0
140201	43000	228.5	0.983	3.3	-0.3	327	0	0	83.9	84.4	23.5	23.4	0	0
140202	42996	228.5	0.983	3.3	0	327	0	0	83.9	84.4	23.5	23.4	0	0
140203	42996	228.5	0.963	3.3	0.4	327	0	0	84.1	84.4	23.5	23.4	0	0
140204	43000	228.5	0.947	3.3	0.4	327	0	0	84.1	84.4	23.5	23.4	0	0
140205	42996	228.5	0.963	3.3	0	327	0	0	83.9	84.4	23.5	23.4	0	0
140206	42996	228.5	0.958	3.1	-0.3	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140207	43008	228.5	0.942	3.1	-0.7	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140208	42996	228.5	0.947	3.1	-0.7	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140209	42996	228.5	0.947	3.1	-0.7	327	0	0	83.9	84.4	23.5	23.4	0	0
140210	43004	228.5	0.953	3.1	-0.3	327	0	0	83.9	84.4	23.5	23.4	0	0
140211	43000	228.5	0.974	3.1	0.4	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140212	43008	228.5	0.963	3.1	0.4	327.3	0	0	84.1	84.4	23.5	23.4	0	0
140213	42996	228.5	0.974	3.1	0.4	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140214	43004	228.5	0.981	3.3	0	327.3	0	0	83.9	84.4	23.5	23.4	0	0
140215	43000	228.5	0.981	3.3	-0.3	327.3	0	0	84.1	84.4	23.5	23.4	0	0

140216	42992	228.5	0.97	3.3	-1	327.3	0	0	84.1	84.4	23.6	23.4	0	0
140217	43000	228.5	0.981	3.3	-1	327.3	0	0	84.1	84.4	23.6	23.4	0	0
140218	43000	228.5	0.974	3.3	-0.7	327	0	0	84.1	84.4	23.6	23.4	0	0
140219	42996	228.5	0.965	3.3	0	327	0	0	84.1	84.4	23.6	23.4	0	0
140220	43000	228.5	0.981	3.3	0.4	327	0	0	84.1	84.4	23.6	23.4	0	0
140221	42996	228.5	0.986	3.3	0.4	327	0	0	83.9	84.4	23.6	23.4	0	0
140222	43004	228.5	0.972	3.3	-0.3	327	0	0	83.9	84.4	23.6	23.4	0	0
140223	43000	228.5	0.967	3.3	-0.7	327	0	0	84.1	84.4	23.6	23.4	0	0
140224	43004	228.5	0.963	3.3	-0.7	327	0	0	84.1	84.4	23.6	23.4	0	0
140225	43000	228.5	0.963	3.3	-0.7	327	0	0	83.9	84.4	23.6	23.4	0	0
140226	43000	228.5	0.951	3.3	-0.3	327	0	0	83.9	84.4	23.6	23.4	0	0
140227	42996	228.5	0.958	3.3	0.4	327	0	0	84.1	84.4	23.6	23.4	0	0
140228	43004	228.5	0.951	3.3	0.4	327	0	0	84.1	84.4	23.6	23.4	0	0
140229	43000	228.5	0.963	3.3	0.4	327	0	0	83.9	84.4	23.6	23.5	0	0
140230	42996	228.5	0.97	3.1	0	327	0	0	83.9	84.4	23.6	23.5	0	0
140231	43004	228.5	0.97	3.1	-0.3	327	0	0	84.1	84.6	23.6	23.5	0	0
140232	43000	228.5	0.96	3.1	-0.7	327	0	0	84.1	84.6	23.6	23.5	0	0
140233	42996	228.5	0.97	3.1	-1	327	0	0	83.9	84.6	23.6	23.5	0	0
140234	43000	228.5	0.965	3.1	-0.7	327	0	0	83.9	84.6	23.6	23.5	0	0
140235	42996	228.5	0.976	3.1	0	327	0	0	84.1	84.6	23.6	23.5	0	0
140236	43004	228.5	0.97	3.1	0.4	327	0	0	84.1	84.6	23.6	23.5	0	0
140237	43000	228.5	0.976	3.1	0.4	327	0	0	84.1	84.6	23.6	23.5	0	0
140238	43000	228.5	0.96	3.1	0.4	327	0	0	84.1	84.6	23.6	23.5	0	0
140239	43004	228.5	0.976	3.1	0	327	0	0	84.1	84.6	23.6	23.6	0	0
140240	42992	228.5	0.951	3.1	-0.3	327	0	0	84.1	84.6	23.6	23.6	0	0
140241	43000	228.5	0.988	3.1	-0.7	327	0	0	84.2	84.6	23.6	23.6	0	0
140242	42992	228.5	0.988	3.1	-0.7	327	0	0	84.2	84.6	23.6	23.6	0	0
140243	43000	228.5	0.963	3.3	-0.7	327	0	0	84.1	84.6	23.6	23.6	0	0
140244	42992	228.5	0.967	3.3	0	327	0	0	84.1	84.6	23.6	23.6	0	0
140245	43000	228.5	0.967	3.3	0.4	327	0	0	83.9	84.7	23.6	23.6	0	0
140246	43000	228.5	0.992	3.3	0.7	327	0	0	83.9	84.7	23.6	23.6	0	0
140247	42996	228.5	0.958	3.3	0	327	0	0	84.1	84.6	23.6	23.6	0	0
140248	43004	228.5	0.972	3.3	-0.3	327	0	0	84.1	84.6	23.6	23.6	0	0
140249	42996	228.5	0.972	3.3	-0.7	327	0	0	83.9	84.6	23.6	23.6	0	0
140250	43000	228.5	0.967	3.3	-1	327	0	0	83.9	84.6	23.6	23.6	0	0
140251	42992	228.5	0.979	3.3	-0.7	327	0	0	84.1	84.6	23.6	23.6	0	0
140252	43000	228.5	0.979	3.3	-0.3	327	0	0	84.1	84.6	23.6	23.6	0	0
140253	42996	228.5	0.979	3.3	0	327	0	0	84.1	84.6	23.6	23.6	0	0
140254	42996	228.5	0.951	3.3	0.4	327	0	0	84.1	84.6	23.6	23.6	0	0
140255	43000	228.5	0.988	3.3	0.4	327	0	0	84.1	84.6	23.6	23.6	0	0
140256	43004	228.5	0.949	3.3	0	327	0	0	84.1	84.6	23.6	23.6	0	0
140257	42992	228.5	0.981	3.1	-0.3	327	0	0	84.1	84.6	23.6	23.6	0	0
140258	43000	228.5	0.986	3.1	-0.7	327	0	0	84.1	84.6	23.6	23.6	0	0
140259	42996	228.5	0.974	3.1	-1	327	0	0	83.9	84.6	23.6	23.6	0	0
140260	43000	228.5	0.986	3.1	-0.7	327	0	0	83.9	84.6	23.6	23.6	0	0
140261	43000	228.5	0.965	3.1	-0.3	327	0	0	83.9	84.6	23.6	23.6	0	0
140262	43000	228.5	0.96	3.1	0.4	327	0	0	83.9	84.6	23.6	23.6	0	0
140263	42992	228.5	0.986	3.3	0.7	327	0	0	84.1	84.6	23.6	23.6	0	0
140264	43000	228.5	0.96	3.3	0.4	327	0	0	84.1	84.6	23.6	23.6	0	0
140265	42996	228.5	0.97	3.3	-0.3	327	0	0	83.9	84.6	23.6	23.6	0	0
140266	42992	228.5	0.976	3.3	-0.7	327	0	0	83.9	84.6	23.6	23.6	0	0
140267	42992	228.5	0.976	3.3	-0.7	327	0	0	83.9	84.6	23.6	23.6	0	0
140268	43000	228.5	0.976	3.3	-0.3	327	0	0	83.9	84.6	23.6	23.6	0	0
140269	43000	228	0.956	3.3	0	327	0	0	84.1	84.6	23.6	23.6	0	0
140270	43000	228.5	0.981	3.3	0.4	327	0	0	84.1	84.6	23.6	23.6	0	0
140271	42996	228.5	0.97	3.3	0.4	327	0	0	84.1	84.6	23.6	23.6	0	0
140272	42992	228.5	0.96	3.3	0	327	0	0	84.1	84.6	23.6	23.6	0	0
140273	42996	228.5	0.981	3.3	-0.3	327	0	0	83.9	84.6	23.6	23.6	0	0
140274	43000	228.5	0.965	3.1	-0.7	327	0	0	83.9	84.6	23.6	23.6	0	0
140275	43000	228.5	0.981	3.1	-0.7	327	0	0	84.1	84.6	23.6	23.6	0	0
140276	43000	228.5	0.956	3.1	-0.7	327	0	0	84.1	84.6	23.6	23.6	0	0
140277	43000	229	0.995	3.1	0	327	0	0	84.1	84.6	23.6	23.6	0	0
140278	42992	228.5	0.981	3.1	0.4	327	0	0	84.1	84.6	23.7	23.6	0	0
140279	42996	228.5	0.981	3.1	0.7	327	0	0	84.1	84.4	23.7	23.6	0	0
140280	42996	229	0.981	3.1	0.4	327	0	0	84.1	84.4	23.7	23.6	0	0
140281	42996	229	0.97	3.1	-0.3	327	0	0	84.1	84.6	23.7	23.6	0	0
140282	42988	229	0.992	3.1	-0.7	327	0	0	84.1	84.6	23.7	23.6	0	0
140283	43000	229	0.983	3.1	-1	327	0	0	84.1	84.6	23.7	23.6	0	0
140284	42992	229	0.988	3.1	-0.7	327	0	0	84.1	84.6	23.7	23.6	0	0
140285	42996	229.5	0.988	3.1	0	327	0	0	84.1	84.6	23.7	23.6	0	0
140286	42996	229.5	0.992	3.3	0.4	327	0	0	84.1	84.6	23.7	23.6	0	0

140287	43000	229.5	0.988	3.3	0.4	327	0	0	84.1	84.6	23.7	23.6	0	0
140288	43000	229.5	0.983	3.3	0	327	0	0	84.1	84.6	23.7	23.6	0	0
140289	43000	229.5	0.967	3.3	-0.3	327	0	0	84.1	84.6	23.7	23.6	0	0
140290	42996	229.5	0.979	3.3	-0.7	327	0	0	84.1	84.6	23.7	23.6	0	0
140291	42992	229.5	0.972	3.3	-0.7	327	0	0	84.1	84.6	23.7	23.6	0	0
140292	43004	229.5	0.947	3.1	-1	326.6	0	0	84.1	84.6	23.7	23.6	0	0
140293	43004	229.5	0.972	3.1	-0.7	326.6	0	0	83.9	84.6	23.7	23.6	0	0
140294	43000	229.5	0.963	3.1	0	326.6	0	0	83.9	84.6	23.9	23.6	0	0
140295	42996	229.5	0.947	3.1	0.4	326.6	0	0	84.1	84.6	23.9	23.6	0	0
140296	43000	229.5	0.979	3.1	0.7	327	0	0	84.1	84.6	23.9	23.6	0	0
140297	43004	229.5	0.963	3.1	0.4	327	0	0	84.1	84.6	23.9	23.6	0	0
140298	43000	229.5	0.972	3.1	0	327	0	0	84.1	84.6	23.9	23.6	0	0
140299	43004	229.5	0.963	3.1	-0.3	327	0	0	84.1	84.6	23.9	23.6	0	0
140300	43004	229.5	0.967	3.1	-0.7	327	0	0	84.1	84.6	23.9	23.6	0	0
140301	42996	229.5	0.972	3.1	-0.7	326.6	0	0	84.1	84.6	23.9	23.6	0	0
140302	42992	229.5	0.963	3.1	-0.3	326.6	0	0	84.1	84.6	23.9	23.6	0	0
140303	42992	229.5	0.999	3.1	0	326.6	0	0	83.9	84.6	23.9	23.6	0	0
140304	42992	229.5	0.999	3.1	0.4	326.6	0	0	83.9	84.6	23.9	23.6	0	0
140305	43000	229.5	0.983	3.3	0.4	327	0	0	84.1	84.6	23.9	23.6	0	0
140306	43004	229.5	0.958	3.3	0	327	0	0	84.1	84.6	23.7	23.6	0	0
140307	43000	229.5	0.951	3.3	-0.3	327	0	0	83.9	84.6	23.7	23.6	0	0
140308	42996	229.5	0.992	3.3	-0.7	327	0	0	83.9	84.6	23.7	23.6	0	0
140309	42996	229.5	0.958	3.1	-0.7	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140310	43000	229.5	0.942	3.1	-0.7	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140311	43004	229.5	0.979	3.1	-0.3	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140312	43000	229.5	0.953	3.1	0	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140313	43000	229.5	0.967	3.1	0.4	326.6	0	0	83.8	84.4	23.7	23.5	0	0
140314	43004	229.5	0.988	3.1	0.4	326.6	0	0	83.8	84.4	23.7	23.5	0	0
140315	43000	229.5	0.992	3.1	0	327	0	0	83.8	84.4	23.7	23.5	0	0
140316	42996	229.5	0.988	3.1	-0.3	326.6	0	0	83.8	84.4	23.7	23.5	0	0
140317	42992	229.5	0.942	3.1	-0.3	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140318	43004	229.5	0.979	3.1	-0.7	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140319	42996	229.5	0.979	3.1	-0.7	326.6	0	0	83.8	84.4	23.7	23.5	0	0
140320	42996	229.5	0.983	3.1	-0.3	326.6	0	0	83.8	84.4	23.7	23.5	0	0
140321	43000	229.5	0.958	3.1	0	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140322	42996	229.5	0.967	3.1	0.4	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140323	42992	229.5	0.967	3.3	0.4	326.6	0	0	83.8	84.4	23.7	23.5	0	0
140324	42996	229.5	0.967	3.3	0.4	326.6	0	0	83.8	84.4	23.7	23.5	0	0
140325	43000	229.5	0.951	3.3	0	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140326	42992	229	0.963	3.3	-0.3	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140327	42996	229.5	0.947	3.3	-0.7	326.6	0	0	83.9	84.4	23.7	23.5	0	0
140328	42992	229	0.947	3.3	-0.7	326.6	0	0	83.9	84.4	23.6	23.5	0	0
140329	43000	229	0.967	3.1	-0.3	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140330	43004	229	0.958	3.1	0	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140331	42996	229	0.988	3.1	0.4	326.6	0	0	83.9	84.4	23.6	23.5	0	0
140332	43004	229	0.988	3.1	0.7	326.6	0	0	83.9	84.4	23.6	23.5	0	0
140333	43004	229	0.958	3.1	0.4	327	0	0	83.8	84.4	23.6	23.5	0	0
140334	42996	229	0.99	3.1	0	327	0	0	83.8	84.4	23.6	23.5	0	0
140335	42992	229	0.965	3.1	-0.7	327	0	0	83.8	84.4	23.6	23.5	0	0
140336	42996	229	0.949	3.1	-0.7	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140337	42992	229	0.97	3.1	-0.7	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140338	42996	229	0.97	3.1	-0.3	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140339	42992	229	1.002	3.3	0	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140340	42992	229	0.974	3.3	0.4	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140341	42996	229	0.974	3.3	0.4	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140342	43000	229	0.97	3.3	0.4	327	0	0	83.8	84.4	23.6	23.5	0	0
140343	43000	229	0.972	3.3	-0.3	327	0	0	83.8	84.4	23.6	23.5	0	0
140344	42996	229	0.958	3.3	-0.7	327	0	0	83.8	84.4	23.6	23.5	0	0
140345	43000	229	0.967	3.3	-0.7	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140346	42992	229	0.963	3.3	-0.7	326.6	0	0	83.8	84.4	23.6	23.5	0	0
140347	43004	229	0.963	3.1	-0.3	326.6	0	0	83.9	84.4	23.6	23.4	0	0
140348	43000	229	0.967	3.1	0	326.6	0	0	83.9	84.4	23.6	23.4	0	0
140349	43004	229	0.963	3.1	0.4	327	0	0	83.8	84.2	23.6	23.4	0	0
140350	43000	229	0.951	3.1	0.7	327	0	0	83.8	84.2	23.6	23.4	0	0
140351	43004	229	0.963	3.1	0.4	327	0	0	83.9	84.4	23.6	23.4	0	0
140352	43000	229	0.979	3.1	-0.3	327	0	0	83.9	84.4	23.7	23.4	0	0
140353	42996	229	0.979	3.1	-0.7	327	0	0	83.9	84.4	23.7	23.4	0	0
140354	43000	229	0.979	3.1	-1	326.6	0	0	83.9	84.4	23.7	23.4	0	0
140355	43004	229	0.992	3.1	-0.7	326.6	0	0	83.8	84.2	23.7	23.4	0	0
140356	42996	229	0.983	3.3	-0.3	326.6	0	0	83.8	84.2	23.7	23.4	0	0
140357	42996	229	0.983	3.3	0	326.6	0	0	83.9	84.4	23.7	23.4	0	0

140358	43004	229	0.983	3.3	0.4	326.6	0	0	83.9	84.4	23.7	23.4	0	0
140359	42996	229	0.967	3.3	0.4	327	0	0	83.9	84.2	23.7	23.4	0	0
140360	43000	229	0.981	3.3	0	327	0	0	83.9	84.2	23.7	23.4	0	0
140361	42996	229	0.956	3.3	-0.3	327	0	0	83.9	84.4	23.7	23.4	0	0
140362	43000	229	0.956	3.3	-0.7	327	0	0	83.9	84.4	23.7	23.4	0	0
140363	42996	229	0.96	3.1	-0.7	327	0	0	83.9	84.4	23.7	23.4	0	0
140364	42996	229	0.96	3.1	-0.7	327	0	0	83.9	84.4	23.7	23.4	0	0
140365	42996	229	0.949	3.1	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140366	43000	229	0.956	3.1	0	327	0	0	83.9	84.2	23.7	23.4	0	0
140367	43004	229	0.97	3.1	0.4	327	0	0	83.9	84.2	23.7	23.3	0	0
140368	43000	229	0.96	3.1	0.7	327	0	0	83.9	84.2	23.7	23.3	0	0
140369	43000	229	0.981	3.1	0.4	327	0	0	83.9	84.4	23.7	23.4	0	0
140370	42992	229	0.986	3.1	-0.3	327	0	0	83.9	84.4	23.7	23.4	0	0
140371	42992	229	0.965	3.3	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140372	42996	229	0.986	3.3	-1	327	0	0	83.9	84.2	23.7	23.4	0	0
140373	43000	229	0.995	3.3	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140374	43000	229	0.949	3.3	0	327	0	0	83.9	84.2	23.7	23.4	0	0
140375	43000	229	0.99	3.3	0.4	327	0	0	83.9	84.2	23.7	23.3	0	0
140376	43000	229	0.976	3.3	0.4	327	0	0	83.9	84.2	23.7	23.3	0	0
140377	43004	229	0.949	3.3	0.4	327	0	0	83.8	84.2	23.7	23.4	0	0
140378	43000	229	0.983	3.3	-0.3	327	0	0	83.8	84.2	23.7	23.4	0	0
140379	43000	229	0.958	3.3	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140380	42992	229	0.963	3.1	-1	327	0	0	83.9	84.2	23.7	23.4	0	0
140381	43004	229	0.983	3.1	-1	327	0	0	83.9	84.2	23.7	23.4	0	0
140382	42996	229	0.951	3.1	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140383	43000	229	0.972	3.1	0.4	327	0	0	83.9	84.2	23.7	23.4	0	0
140384	43004	229	0.963	3.1	0.4	327	0	0	83.9	84.2	23.7	23.4	0	0
140385	42996	229	0.992	3.1	0.4	327	0	0	83.8	84.2	23.7	23.4	0	0
140386	43000	229	0.983	3.1	0	327	0	0	83.8	84.2	23.7	23.4	0	0
140387	43000	229	0.958	3.1	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140388	42996	229	0.983	3.1	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140389	42992	229	0.958	3.1	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140390	42996	229	0.951	3.1	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140391	43000	229	0.988	3.1	0	327	0	0	84.1	84.2	23.7	23.4	0	0
140392	42992	229	0.942	3.1	0.4	327	0	0	84.1	84.2	23.7	23.4	0	0
140393	42992	229	0.992	3.1	0.4	327	0	0	83.9	84.2	23.7	23.4	0	0
140394	42996	229	0.997	3.1	0	327	0	0	83.9	84.2	23.7	23.4	0	0
140395	42988	229.5	0.949	3.1	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140396	42988	229.5	0.965	3.3	-1	327	0	0	83.9	84.2	23.7	23.4	0	0
140397	42988	229.5	0.99	3.3	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140398	42992	229.5	0.976	3.3	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140399	42996	229.5	0.96	3.3	0	327	0	0	83.8	84.4	23.7	23.4	0	0
140400	42992	229.5	1.002	3.3	0	327	0	0	83.8	84.4	23.7	23.4	0	0
140401	42992	229.5	1.006	3.3	0.4	327	0	0	83.9	84.4	23.7	23.4	0	0
140402	42992	229.5	0.981	3.3	0.4	327	0	0	83.9	84.4	23.7	23.4	0	0
140403	43004	229.5	0.976	3.3	0	327	0	0	83.9	84.2	23.7	23.4	0	0
140404	42996	229.5	0.96	3.3	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140405	42996	229.5	0.974	3.3	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140406	43000	229.5	0.956	3.1	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140407	43000	229.5	0.956	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.4	0	0
140408	42996	229.5	0.965	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.4	0	0
140409	43000	229.5	0.956	3.1	-0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140410	42996	229.5	0.986	3.1	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140411	43008	229.5	0.944	3.1	0	327	0	0	83.9	84.2	23.7	23.4	0	0
140412	43000	229.5	0.986	3.1	0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140413	43004	229.5	0.97	3.1	0.7	327	0	0	83.9	84.2	23.7	23.4	0	0
140414	43000	229.5	0.97	3.1	0.4	327	0	0	83.9	84.2	23.7	23.4	0	0
140415	42996	229.5	0.976	3.1	-0.3	327	0	0	83.9	84.4	23.7	23.4	0	0
140416	43000	229.5	0.965	3.1	-0.7	327	0	0	83.9	84.4	23.7	23.4	0	0
140417	43000	229.5	0.949	3.1	-1	327	0	0	83.8	84.2	23.7	23.4	0	0
140418	43000	229.5	0.956	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.4	0	0
140419	42992	229.5	0.99	3.1	0	327	0	0	83.9	84.4	23.7	23.4	0	0
140420	43000	229	0.949	3.1	0.4	327	0	0	83.9	84.4	23.7	23.4	0	0
140421	43000	229	0.97	3.1	0.7	327.3	0	0	83.8	84.2	23.7	23.4	0	0
140422	42992	229	0.956	3.1	0.4	327.3	0	0	83.8	84.2	23.7	23.4	0	0
140423	43000	229	0.96	3.1	0	327.3	0	0	83.8	84.2	23.7	23.4	0	0
140424	42996	228.5	0.97	3.1	-0.3	327.3	0	0	83.8	84.2	23.6	23.4	0	0
140425	42996	228.5	0.956	3.1	-0.7	327.3	0	0	83.8	84.2	23.6	23.3	0	0
140426	43000	228.5	0.96	3.1	-0.7	327.3	0	0	83.8	84.2	23.6	23.3	0	0
140427	42996	228.5	0.99	3.1	-0.3	327.3	0	0	83.8	84.2	23.6	23.3	0	0
140428	43000	228.5	0.99	3.1	0	327.3	0	0	83.8	84.2	23.6	23.3	0	0

140429	42996	228.5	0.976	3.3	0.4	327.3	0	0	83.6	84.4	23.6	23.3	0	0
140430	43004	228.5	0.967	3.3	0.4	327.3	0	0	83.6	84.4	23.6	23.3	0	0
140431	43004	228.5	0.983	3.3	0	327.3	0	0	83.6	84.2	23.6	23.3	0	0
140432	42996	228	0.974	3.3	-0.3	327.3	0	0	83.6	84.2	23.6	23.3	0	0
140433	43000	228	0.958	3.3	-0.3	327.3	0	0	83.6	84.2	23.6	23.1	0	0
140434	43004	228	0.958	3.3	-0.3	327.3	0	0	83.6	84.2	23.5	23.1	0	0
140435	42992	228.5	0.958	3.1	-0.3	327.3	0	0	83.8	84.2	23.5	23.1	0	0
140436	42996	228.5	0.963	3.1	0	327.3	0	0	83.8	84.2	23.5	23.1	0	0
140437	42996	228.5	0.967	3.1	-0.7	327.3	0	0	83.8	84.2	23.5	23.3	0	0
140438	42996	228.5	0.983	3.1	-1	327.3	0	0	83.8	84.2	23.5	23.3	0	0
140439	42988	228.5	0.974	3.1	-1.4	327	0	0	83.8	84.2	23.5	23.3	0	0
140440	42996	228.5	0.988	3.1	-1	327	0	0	83.8	84.2	23.5	23.3	0	0
140441	43000	228.5	0.979	3.1	-0.3	327	0	0	83.6	84.2	23.5	23.3	0	0
140442	42992	229	0.983	3.3	0.4	327	0	0	83.6	84.2	23.6	23.3	0	0
140443	42996	229	1.004	3.3	0.4	327	0	0	83.8	84.2	23.6	23.3	0	0
140444	43000	229	0.967	3.3	0	327	0	0	83.8	84.2	23.6	23.3	0	0
140445	42992	229	0.988	3.3	0	327.3	0	0	83.9	84.4	23.6	23.3	0	0
140446	42996	229	0.953	3.3	-0.3	327.3	0	0	83.9	84.4	23.6	23.3	0	0
140447	42996	229.5	0.958	3.3	-0.7	327	0	0	83.9	84.4	23.6	23.4	0	0
140448	42992	229.5	0.942	3.3	-0.7	327	0	0	83.9	84.4	23.7	23.4	0	0
140449	42992	229	0.967	3.3	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140450	43004	229.5	0.958	3.1	-0.3	327	0	0	83.9	84.2	23.7	23.4	0	0
140451	43000	229.5	0.979	3.1	0	327	0	0	83.9	84.4	23.7	23.4	0	0
140452	43000	229.5	0.974	3.1	0.4	327	0	0	83.9	84.4	23.7	23.4	0	0
140453	43000	229.5	0.988	3.1	0.4	327	0	0	83.9	84.2	23.7	23.4	0	0
140454	43004	229	0.953	3.1	0	327	0	0	83.9	84.2	23.9	23.4	0	0
140455	43004	229.5	0.967	3.1	0	327	0	0	83.9	84.2	23.9	23.4	0	0
140456	42992	229	0.956	3.1	-0.3	327	0	0	83.9	84.2	23.9	23.4	0	0
140457	43004	229	0.949	3.1	-0.7	327	0	0	83.9	84.4	23.9	23.4	0	0
140458	43004	229	0.97	3.1	-0.7	327	0	0	83.9	84.4	23.9	23.4	0	0
140459	42996	229	0.97	3.1	-0.3	327	0	0	83.8	84.2	23.9	23.4	0	0
140460	43000	229	0.99	3.1	0	327	0	0	83.8	84.2	23.9	23.4	0	0
140461	42996	229	0.976	3.1	0.4	327	0	0	83.9	84.4	23.9	23.4	0	0
140462	43004	229	0.981	3.1	0.4	327	0	0	83.9	84.4	23.9	23.4	0	0
140463	43000	229	0.995	3.1	0.4	327	0	0	83.8	84.4	23.9	23.4	0	0
140464	43004	229	0.981	3.3	0	327	0	0	83.8	84.4	23.9	23.4	0	0
140465	42996	229	0.981	3.1	-0.7	327	0	0	83.8	84.4	23.9	23.4	0	0
140466	42996	229	0.981	3.1	-1	327	0	0	83.8	84.4	23.9	23.4	0	0
140467	43008	229	0.935	3.1	-1	327	0	0	83.9	84.4	23.9	23.4	0	0
140468	43000	229	0.935	3.1	-0.7	327	0	0	83.9	84.4	23.9	23.4	0	0
140469	43000	229	0.965	3.1	-0.3	327	0	0	83.8	84.4	23.9	23.4	0	0
140470	42996	229	0.956	3.1	0	327	0	0	83.8	84.4	23.9	23.4	0	0
140471	43000	229	0.944	3.1	0.4	327	0	0	83.9	84.4	23.9	23.4	0	0
140472	43004	229	0.949	3.1	0.4	327	0	0	83.9	84.4	23.7	23.4	0	0
140473	43004	229	0.976	3.1	0	327	0	0	83.8	84.4	23.7	23.4	0	0
140474	43004	229	0.96	3.1	-0.3	327	0	0	83.8	84.4	23.7	23.4	0	0
140475	42996	229	0.944	3.1	-0.7	327	0	0	83.8	84.4	23.7	23.4	0	0
140476	42992	229.5	0.965	3.1	-0.7	327	0	0	83.8	84.4	23.7	23.4	0	0
140477	42992	229.5	0.944	3.1	-0.3	327	0	0	83.8	84.4	23.7	23.4	0	0
140478	43000	229.5	0.99	3.1	0	327	0	0	83.8	84.4	23.7	23.4	0	0
140479	43004	229.5	0.965	3.1	0.4	327	0	0	83.8	84.4	23.7	23.4	0	0
140480	43000	229.5	0.976	3.1	0.4	327	0	0	83.8	84.4	23.7	23.4	0	0
140481	42996	229.5	0.995	3.1	0	327	0	0	83.8	84.4	23.7	23.4	0	0
140482	43000	229.5	0.986	3.1	-0.3	327	0	0	83.8	84.4	23.7	23.4	0	0
140483	42992	229.5	0.981	3.1	-0.7	327	0	0	83.8	84.4	23.7	23.4	0	0
140484	42992	229.5	0.986	3.1	-0.7	327	0	0	83.8	84.4	23.7	23.4	0	0
140485	42996	229.5	0.949	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.4	0	0
140486	43004	229.5	0.97	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.4	0	0
140487	42996	229.5	0.965	3.1	-0.3	327	0	0	83.8	84.4	23.7	23.4	0	0
140488	43000	229.5	0.97	3.1	-0.3	327	0	0	83.8	84.4	23.7	23.4	0	0
140489	43000	229.5	0.986	3.1	-0.3	326.6	0	0	83.8	84.4	23.7	23.4	0	0
140490	43000	229	0.983	3.1	-0.3	326.6	0	0	83.8	84.4	23.7	23.4	0	0
140491	43000	229	0.967	3.1	-0.3	326.6	0	0	83.6	84.4	23.7	23.4	0	0
140492	42992	229	0.967	3.1	0	327	0	0	83.6	84.4	23.7	23.4	0	0
140493	43000	229	0.951	3.1	0.4	327	0	0	83.8	84.2	23.7	23.4	0	0
140494	42996	229	0.992	3.1	0.7	327	0	0	83.8	84.2	23.7	23.4	0	0
140495	42992	229	0.967	3.1	0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140496	42996	229.5	0.967	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140497	42996	229	0.983	3.1	0	327	0	0	83.8	84.2	23.7	23.3	0	0
140498	42992	229	0.967	3.1	-0.3	327	0	0	83.8	84.2	23.7	23.3	0	0
140499	43000	229	0.981	3.3	-0.7	327	0	0	83.8	84.1	23.7	23.3	0	0

140500	43000	229	0.981	3.3	-0.7	327	0	0	83.8	84.1	23.7	23.3	0	0
140501	43004	229	0.99	3.3	-0.7	327	0	0	83.6	84.2	23.7	23.3	0	0
140502	42996	229	0.99	3.1	-0.3	327	0	0	83.6	84.2	23.7	23.3	0	0
140503	43004	229	0.981	3.1	0	327	0	0	83.6	84.2	23.7	23.3	0	0
140504	42996	229.5	0.97	3.1	0.4	327	0	0	83.6	84.2	23.7	23.3	0	0
140505	43004	229	0.96	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140506	42996	229	0.956	3.1	0	327	0	0	83.8	84.2	23.7	23.3	0	0
140507	43000	229	0.965	3.1	-0.3	327	0	0	83.8	84.2	23.7	23.3	0	0
140508	43000	229.5	0.972	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140509	43004	229	0.951	2.9	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140510	43000	229	0.972	2.9	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140511	43004	229	0.963	2.9	-0.3	327	0	0	83.6	84.1	23.7	23.3	0	0
140512	43000	229	0.983	2.9	0	327	0	0	83.6	84.1	23.7	23.3	0	0
140513	42988	229	0.963	2.9	0.4	327	0	0	83.6	84.2	23.7	23.3	0	0
140514	43000	229	1.008	3.1	0.4	327	0	0	83.6	84.2	23.7	23.3	0	0
140515	43000	229.5	0.999	3.1	0.4	327	0	0	83.6	84.2	23.7	23.3	0	0
140516	43000	229	0.999	3.1	0	327	0	0	83.6	84.2	23.7	23.3	0	0
140517	43000	229.5	0.967	3.1	-0.3	327	0	0	83.6	84.1	23.7	23.3	0	0
140518	43000	229	0.988	3.1	-0.7	327	0	0	83.6	84.1	23.7	23.3	0	0
140519	42996	229	0.988	3.3	-1	327	0	0	83.8	84.2	23.7	23.3	0	0
140520	43004	229	0.958	3.3	-1	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140521	43004	229	0.992	3.3	-0.7	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140522	42996	229	0.979	3.1	-0.3	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140523	43004	229	0.937	3.1	0	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140524	43004	229	0.947	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140525	42992	228.5	0.963	3.1	0.4	327	0	0	83.6	84.1	23.7	23.3	0	0
140526	43004	228.5	0.967	3.1	0	327	0	0	83.6	84.1	23.6	23.3	0	0
140527	43000	228.5	0.967	3.1	-0.3	327	0	0	83.6	84.2	23.6	23.1	0	0
140528	43000	228.5	0.947	3.1	-0.7	327	0	0	83.6	84.2	23.6	23.1	0	0
140529	42988	229	0.979	3.1	-0.7	327	0	0	83.8	84.2	23.6	23.1	0	0
140530	42992	229	0.942	3.1	-0.7	327	0	0	83.8	84.2	23.6	23.1	0	0
140531	43000	228.5	0.963	3.1	0	327	0	0	83.8	84.1	23.6	23.1	0	0
140532	42992	229	0.992	3.1	0.4	327	0	0	83.8	84.1	23.6	23.1	0	0
140533	42992	229	0.967	3.1	0.7	327	0	0	83.8	84.1	23.6	23.1	0	0
140534	43000	229	0.983	3.3	0.4	327	0	0	83.8	84.1	23.6	23.1	0	0
140535	43000	229	0.983	3.3	0	327	0	0	83.8	84.1	23.6	23.1	0	0
140536	43000	229	0.988	3.3	-0.3	327	0	0	83.8	84.1	23.6	23.1	0	0
140537	43000	229	0.992	3.3	-0.7	327	0	0	83.6	84.1	23.6	23.1	0	0
140538	43000	229	1.004	3.3	-0.7	327	0	0	83.6	84.1	23.6	23.1	0	0
140539	43004	229	0.999	3.3	-0.3	327	0	0	83.8	84.2	23.6	23.3	0	0
140540	42996	229	0.983	3.3	0	327	0	0	83.8	84.2	23.6	23.3	0	0
140541	42996	229	0.979	3.3	0.4	327	0	0	83.6	84.2	23.6	23.3	0	0
140542	43008	228.5	0.974	3.3	0.4	327	0	0	83.6	84.2	23.6	23.3	0	0
140543	43000	228.5	0.97	3.1	0	327	0	0	83.8	84.1	23.6	23.3	0	0
140544	43008	228.5	0.94	3.1	0	327	0	0	83.8	84.1	23.6	23.3	0	0
140545	43004	228.5	0.965	3.1	-0.3	327	0	0	83.8	84.2	23.6	23.1	0	0
140546	43000	228.5	0.96	3.1	-0.3	327	0	0	83.8	84.2	23.6	23.1	0	0
140547	43004	228.5	0.949	3.1	-0.3	327	0	0	83.6	84.1	23.6	23.1	0	0
140548	43000	228.5	0.94	3.1	-0.7	327	0	0	83.6	84.1	23.6	23.1	0	0
140549	43004	228.5	0.949	2.9	-1	327	0	0	83.8	84.2	23.6	23.1	0	0
140550	43000	228.5	0.944	2.9	-0.7	327	0	0	83.8	84.2	23.6	23.1	0	0
140551	42996	228.5	0.972	2.9	-0.3	327	0	0	83.8	84.2	23.6	23.1	0	0
140552	43004	229	0.967	3.1	0	327	0	0	83.8	84.2	23.7	23.1	0	0
140553	43000	229	0.983	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140554	42988	229	0.972	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140555	42996	229	0.979	3.1	0	327	0	0	83.8	84.4	23.7	23.3	0	0
140556	42992	229	0.988	3.1	-0.3	327	0	0	83.8	84.4	23.7	23.3	0	0
140557	43000	229	0.967	3.1	-0.7	327	0	0	83.6	84.2	23.7	23.3	0	0
140558	42996	229	0.988	3.1	-1	326.6	0	0	83.6	84.2	23.7	23.3	0	0
140559	43004	228.5	0.979	3.1	-0.7	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140560	42996	228.5	0.979	3.3	-0.3	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140561	43004	228.5	0.992	3.3	0	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140562	43004	228.5	0.979	3.3	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140563	42996	228.5	0.967	3.3	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140564	42996	228.5	0.951	3.1	0	327	0	0	83.8	84.2	23.7	23.3	0	0
140565	42996	228.5	0.983	3.1	-0.3	327	0	0	83.8	84.2	23.7	23.3	0	0
140566	42996	228.5	0.958	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140567	42992	228.5	0.963	3.1	-1	327	0	0	83.8	84.2	23.7	23.3	0	0
140568	42992	228.5	0.96	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140569	42996	228.5	0.96	3.1	0	327	0	0	83.8	84.2	23.7	23.3	0	0
140570	43000	228.5	0.981	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0

140571	43000	228.5	0.995	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140572	42996	228.5	0.995	3.3	0	327	0	0	83.8	84.2	23.7	23.3	0	0
140573	42992	228.5	0.995	3.3	-0.3	327	0	0	83.8	84.2	23.7	23.3	0	0
140574	43004	228.5	0.956	3.3	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140575	42996	228.5	0.965	3.3	-1	327	0	0	83.9	84.2	23.7	23.3	0	0
140576	43000	228.5	0.96	3.3	-0.7	327	0	0	83.9	84.2	23.7	23.3	0	0
140577	42992	228.5	0.933	3.3	-0.3	327	0	0	83.8	84.2	23.7	23.3	0	0
140578	43000	228.5	0.979	3.3	0	327	0	0	83.8	84.2	23.7	23.3	0	0
140579	43004	228.5	0.937	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140580	42996	228.5	0.933	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140581	43000	228.5	0.933	3.1	0	327	0	0	83.8	84.2	23.7	23.3	0	0
140582	42996	228.5	0.933	3.1	-0.3	327	0	0	83.8	84.2	23.7	23.3	0	0
140583	43004	228.5	0.972	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140584	42996	228	0.951	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140585	43000	228.5	0.972	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140586	42996	228.5	0.974	3.1	-0.7	327	0	0	83.8	84.2	23.7	23.3	0	0
140587	43004	228.5	0.988	3.1	0	327	0	0	83.8	84.2	23.7	23.3	0	0
140588	43000	228.5	0.988	3.1	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140589	43008	228.5	0.988	3.3	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140590	43000	228.5	0.988	3.3	0.4	327	0	0	83.8	84.2	23.7	23.3	0	0
140591	43000	228.5	0.974	3.3	0	327	0	0	83.8	84.2	23.7	23.4	0	0
140592	43004	229	0.967	3.3	-0.7	327	0	0	83.8	84.2	23.7	23.4	0	0
140593	43000	229	0.937	3.1	-1	327	0	0	83.8	84.2	23.7	23.4	0	0
140594	43000	228.5	0.949	3.1	-1	327	0	0	83.8	84.2	23.7	23.4	0	0
140595	42996	229	0.94	3.1	-0.3	326.6	0	0	83.8	84.2	23.7	23.4	0	0
140596	42996	228.5	0.956	3.1	0	326.6	0	0	83.8	84.2	23.7	23.4	0	0
140597	42996	228.5	0.935	3.1	0.4	327	0	0	83.8	84.4	23.7	23.4	0	0
140598	43000	228.5	0.944	3.1	0.4	327	0	0	83.8	84.4	23.7	23.4	0	0
140599	42992	228.5	0.981	3.1	0.4	327	0	0	83.8	84.4	23.7	23.4	0	0
140600	42996	228.5	0.981	3.1	0	327	0	0	83.8	84.4	23.7	23.4	0	0
140601	42996	228.5	0.949	3.1	-0.3	327	0	0	83.9	84.4	23.7	23.4	0	0
140602	42996	228.5	0.965	3.1	-0.7	327	0	0	83.9	84.4	23.7	23.4	0	0
140603	42996	228.5	0.96	3.1	-0.7	327	0	0	83.8	84.4	23.7	23.4	0	0
140604	42996	229	0.97	3.1	-0.3	327	0	0	83.8	84.4	23.9	23.4	0	0
140605	42996	229	0.986	3.1	-0.3	327	0	0	83.8	84.4	23.9	23.4	0	0
140606	43000	229	1.006	3.1	0	327	0	0	83.8	84.4	23.9	23.4	0	0
140607	43000	229	0.981	3.3	0.4	327	0	0	83.9	84.4	23.9	23.4	0	0
140608	42996	229	0.981	3.3	0.4	327	0	0	83.9	84.4	23.9	23.4	0	0
140609	42996	229	0.97	3.3	0	327	0	0	83.8	84.4	23.9	23.4	0	0
140610	42996	229	0.935	3.1	0	327	0	0	83.8	84.4	23.9	23.4	0	0
140611	43000	229	0.94	3.1	0	327	0	0	83.8	84.4	23.9	23.4	0	0
140612	42996	229	0.935	3.1	-0.3	327	0	0	83.8	84.4	23.9	23.4	0	0
140613	43004	229	0.97	3.1	-0.3	327	0	0	83.9	84.4	23.9	23.4	0	0
140614	42996	229	0.944	3.1	-0.7	327	0	0	83.9	84.4	23.9	23.4	0	0
140615	42996	229	0.949	3.1	-0.7	327	0	0	83.8	84.4	23.9	23.4	0	0
140616	43004	228.5	0.956	3.1	-0.7	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140617	42996	229	0.949	3.1	-0.7	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140618	42996	229	0.96	3.1	-0.3	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140619	43000	229	0.986	3.1	0	326.6	0	0	83.8	84.2	23.9	23.4	0	0
140620	42996	228.5	0.992	3.1	0.4	326.6	0	0	83.8	84.2	23.9	23.4	0	0
140621	42996	228.5	0.958	3.1	0.7	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140622	43000	228.5	0.967	3.1	0.7	327	0	0	83.8	84.4	23.9	23.4	0	0
140623	43000	228.5	1.008	3.3	0	327	0	0	83.8	84.2	23.9	23.4	0	0
140624	43000	228.5	0.951	3.3	-0.3	327	0	0	83.8	84.2	23.9	23.4	0	0
140625	43000	228.5	0.999	3.3	-0.7	327	0	0	83.8	84.4	23.9	23.4	0	0
140626	42992	228.5	0.951	3.3	-1	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140627	43000	228.5	0.983	3.3	-0.7	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140628	43004	228.5	0.958	3.3	-0.3	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140629	43004	228.5	0.976	3.3	0.4	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140630	43004	228.5	0.981	3.3	0.7	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140631	43000	228.5	0.981	3.3	0.4	327	0	0	83.9	84.4	23.9	23.4	0	0
140632	43000	228.5	0.951	3.3	0	327	0	0	83.9	84.4	23.9	23.4	0	0
140633	43000	228.5	0.981	3.1	-0.7	327	0	0	83.8	84.4	23.9	23.4	0	0
140634	43000	228.5	0.956	3.1	-1	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140635	43004	228.5	0.96	3.1	-0.7	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140636	42996	228.5	0.96	3.1	-0.3	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140637	42996	228	0.965	3.1	0	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140638	43000	228.5	0.981	3.1	0.4	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140639	42992	228.5	0.981	3.1	0.4	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140640	43004	228.5	0.995	3.3	0	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140641	43008	228.5	1.002	3.3	-0.3	326.6	0	0	83.8	84.4	23.9	23.4	0	0

140642	42996	228.5	0.974	3.3	-1	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140643	42996	228.5	0.986	3.3	-1	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140644	43004	228.5	0.974	3.3	-0.7	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140645	42996	228.5	0.99	3.3	0	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140646	43004	228	0.979	3.3	0.4	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140647	42996	228	0.963	3.3	0.4	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140648	43000	228	0.967	3.3	0.4	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140649	43008	228	0.988	3.3	0	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140650	43004	228	0.958	3.3	-0.7	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140651	42992	228	0.972	3.1	-0.7	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140652	43000	228	0.983	3.1	-0.7	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140653	43000	228	0.979	3.1	-0.3	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140654	42996	228	0.967	3.1	0	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140655	43008	228	0.965	3.1	0.4	326.6	0	0	83.9	84.2	23.9	23.4	0	0
140656	42996	228	0.965	3.1	0.4	326.6	0	0	83.9	84.2	23.9	23.4	0	0
140657	43004	228	0.976	3.1	0	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140658	42996	228	0.986	3.1	0	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140659	42996	228	0.976	3.1	-0.3	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140660	42992	228	0.976	3.1	-0.7	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140661	42996	228	0.976	3.1	-1	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140662	42992	228	0.96	3.1	-0.7	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140663	42996	228	0.981	3.1	-0.3	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140664	42996	228	1.004	3.3	0.4	326.6	0	0	83.9	84.4	23.9	23.4	0	0
140665	43004	228	0.999	3.3	0.7	327	0	0	83.9	84.4	23.9	23.4	0	0
140666	43004	228	0.992	3.3	0.4	327	0	0	83.9	84.4	23.9	23.4	0	0
140667	42992	228	0.983	3.3	0	327	0	0	83.9	84.4	23.9	23.4	0	0
140668	43004	228	0.999	3.3	-0.7	327	0	0	83.9	84.4	23.9	23.4	0	0
140669	43004	228	0.988	3.3	-1	327	0	0	84.1	84.4	23.9	23.4	0	0
140670	43000	228	0.979	3.3	-1	327	0	0	84.1	84.4	23.9	23.4	0	0
140671	43000	228	0.972	3.1	-0.7	327	0	0	83.9	84.4	23.9	23.4	0	0
140672	43000	228	0.958	3.1	-0.3	327	0	0	83.9	84.4	24	23.4	0	0
140673	42996	228	0.967	3.1	0	327	0	0	83.9	84.4	24	23.4	0	0
140674	43000	228	0.972	3.1	0.4	327	0	0	83.9	84.4	24	23.4	0	0
140675	43004	228	0.979	3.1	0.4	327	0	0	84.1	84.4	24	23.4	0	0
140676	43004	228	0.979	3.1	-0.3	327	0	0	84.1	84.4	24	23.4	0	0
140677	42992	228	0.972	3.1	-0.7	327	0	0	83.9	84.2	24	23.4	0	0
140678	42996	228	0.988	3.1	-1	327	0	0	83.9	84.2	24	23.4	0	0
140679	42996	228	0.972	3.1	-1	327	0	0	83.9	84.4	24	23.4	0	0
140680	42996	228.5	0.967	3.1	-0.3	327	0	0	83.9	84.4	24	23.4	0	0
140681	42996	228.5	0.979	3.1	0.4	327	0	0	83.9	84.4	24	23.4	0	0
140682	43000	228.5	0.992	3.1	0.7	327	0	0	83.9	84.4	24	23.4	0	0
140683	42996	228.5	0.983	3.1	0.4	327	0	0	83.9	84.4	24	23.4	0	0
140684	42992	228.5	0.992	3.1	0	327	0	0	83.9	84.4	24	23.4	0	0
140685	43000	228.5	0.999	3.1	-0.7	327	0	0	83.9	84.4	24	23.4	0	0
140686	42992	228.5	1.004	3.1	-1	327	0	0	83.9	84.4	24	23.4	0	0
140687	43000	228.5	0.992	3.1	-0.7	327	0	0	84.1	84.4	24	23.4	0	0
140688	42996	228.5	0.988	3.1	-0.3	327	0	0	84.1	84.4	24	23.4	0	0
140689	43000	228.5	0.983	3.1	0.4	327	0	0	83.9	84.4	24	23.4	0	0
140690	43004	228.5	0.956	3.3	0.4	327	0	0	83.9	84.4	24	23.4	0	0
140691	43000	228.5	0.99	3.1	0.4	327	0	0	83.9	84.4	24	23.4	0	0
140692	42996	228.5	0.976	3.1	0	327	0	0	83.9	84.4	24	23.4	0	0
140693	43000	228.5	0.935	3.1	-0.3	327	0	0	83.9	84.4	24	23.4	0	0
140694	43000	229	0.976	3.1	-0.7	327	0	0	83.9	84.4	24	23.4	0	0
140695	42996	229	0.986	3.1	-0.7	326.6	0	0	84.1	84.6	24	23.4	0	0
140696	42996	228.5	0.949	3.1	-0.7	326.6	0	0	84.1	84.6	24	23.4	0	0
140697	42992	228.5	0.956	3.1	-0.3	326.6	0	0	83.9	84.6	24	23.5	0	0
140698	42996	228.5	0.972	3.1	0	326.6	0	0	83.9	84.6	24	23.5	0	0
140699	42996	229	0.963	3.1	0.4	326.6	0	0	83.9	84.6	24	23.5	0	0
140700	43000	228.5	0.988	3.1	0.4	326.6	0	0	83.9	84.6	24	23.5	0	0
140701	43000	228.5	0.979	3.1	0	326.6	0	0	83.9	84.6	24	23.5	0	0
140702	42992	228.5	0.979	3.1	-0.3	326.6	0	0	83.9	84.6	24	23.5	0	0
140703	43004	228.5	0.972	3.1	-0.3	327	0	0	83.9	84.6	24	23.5	0	0
140704	42988	228.5	0.967	3.1	-0.3	326.6	0	0	83.9	84.6	24	23.5	0	0
140705	42992	228.5	0.958	3.1	-0.7	326.6	0	0	83.9	84.6	24	23.5	0	0
140706	43000	228.5	0.963	3.3	-0.7	326.6	0	0	83.9	84.6	24	23.5	0	0
140707	43000	228.5	0.963	3.3	-0.7	326.6	0	0	83.9	84.6	24	23.5	0	0
140708	43004	228.5	0.992	3.3	-0.3	326.6	0	0	83.9	84.6	24	23.5	0	0
140709	42996	228.5	0.958	3.3	0	326.6	0	0	83.9	84.6	24	23.5	0	0
140710	42992	228.5	0.967	3.3	0.4	326.6	0	0	83.9	84.6	24	23.5	0	0
140711	43000	228.5	0.983	3.3	0.7	326.6	0	0	83.9	84.6	24	23.5	0	0
140712	42996	228.5	0.972	3.3	0.4	326.6	0	0	83.9	84.6	24	23.5	0	0

140713	43000	228.5	0.958	3.3	0	326.6	0	0	83.9	84.6	24	23.5	0	0
140714	42996	229	0.958	3.1	-0.3	326.6	0	0	83.9	84.6	24	23.5	0	0
140715	43000	229	0.958	3.1	-1	326.6	0	0	83.9	84.6	24	23.5	0	0
140716	42996	229	0.947	3.1	-1	326.6	0	0	83.9	84.6	24	23.5	0	0
140717	43004	229	0.951	3.1	-0.3	326.6	0	0	83.9	84.6	24	23.6	0	0
140718	43000	229	0.958	3.1	0	326.6	0	0	83.9	84.6	24	23.6	0	0
140719	43000	229	0.942	3.1	0.4	326.6	0	0	83.9	84.6	24	23.6	0	0
140720	43004	229	0.972	3.1	0.4	326.6	0	0	83.9	84.6	24	23.6	0	0
140721	43008	229	0.942	3.1	0	326.6	0	0	83.9	84.4	24	23.6	0	0
140722	43004	229.5	0.951	3.1	-0.3	326.6	0	0	83.9	84.4	24	23.6	0	0
140723	42996	229	0.963	3.1	-0.7	326.6	0	0	83.9	84.6	24	23.6	0	0
140724	43000	229.5	0.972	3.1	-1	326.6	0	0	83.9	84.6	24	23.6	0	0
140725	42992	229.5	0.979	3.1	-1	326.6	0	0	83.9	84.6	24	23.6	0	0
140726	43000	229.5	0.967	3.1	-0.3	326.6	0	0	83.9	84.6	24	23.6	0	0
140727	43000	229.5	0.983	3.1	0	326.6	0	0	83.9	84.6	24	23.6	0	0
140728	43000	229.5	0.972	3.1	0.7	326.6	0	0	83.9	84.6	24	23.6	0	0
140729	42996	229.5	0.983	3.1	0.4	326.6	0	0	83.9	84.6	24	23.6	0	0
140730	42988	229.5	0.988	3.1	0	326.6	0	0	83.9	84.6	24	23.6	0	0
140731	42996	229.5	0.967	3.1	-0.3	326.6	0	0	83.8	84.6	24	23.6	0	0
140732	42996	229.5	0.972	3.1	-0.7	326.6	0	0	83.8	84.6	24	23.6	0	0
140733	42996	230	0.988	3.1	-0.7	326.6	0	0	83.9	84.6	24	23.6	0	0
140734	42996	230	0.958	3.1	-0.7	326.6	0	0	83.9	84.6	24	23.6	0	0
140735	42996	230	0.963	3.1	-0.3	326.6	0	0	83.9	84.6	24	23.6	0	0
140736	42992	230	0.979	3.3	0	326.6	0	0	83.9	84.6	24	23.6	0	0
140737	42996	230	0.972	3.3	0.4	326.6	0	0	83.9	84.4	24	23.5	0	0
140738	42996	230	0.958	3.3	0.4	326.6	0	0	83.9	84.4	24	23.5	0	0
140739	43004	230	0.958	3.3	0	326.6	0	0	83.8	84.4	24	23.5	0	0
140740	43004	230	0.947	3.1	-0.7	326.6	0	0	83.8	84.4	24	23.5	0	0
140741	42992	230	0.958	3.1	-1	326.6	0	0	83.8	84.4	24	23.5	0	0
140742	42992	230	0.956	3.1	-0.7	326.6	0	0	83.8	84.4	24	23.5	0	0
140743	43008	230	0.97	3.1	-0.3	326.6	0	0	83.9	84.4	24	23.5	0	0
140744	43004	230	0.949	3.1	0	326.6	0	0	83.9	84.4	24	23.5	0	0
140745	43000	230	0.96	3.1	0.4	326.6	0	0	83.8	84.4	24	23.5	0	0
140746	42996	230	0.976	3.1	0.4	326.6	0	0	83.8	84.4	24	23.5	0	0
140747	43004	230	0.949	3.1	0	326.6	0	0	83.8	84.4	24	23.5	0	0
140748	43000	230	0.965	3.1	-0.3	326.6	0	0	83.8	84.4	24	23.5	0	0
140749	43000	230	0.99	3.1	-0.7	326.6	0	0	83.8	84.4	24	23.5	0	0
140750	42996	230	0.942	3.1	-0.7	326.6	0	0	83.8	84.4	24	23.5	0	0
140751	42996	230	0.951	3.1	-0.7	326.6	0	0	83.8	84.4	24	23.5	0	0
140752	42996	230	0.983	3.1	-0.3	326.6	0	0	83.8	84.4	24	23.5	0	0
140753	43000	230	0.967	3.1	0	326.6	0	0	83.9	84.2	24	23.5	0	0
140754	43004	229.5	0.992	3.1	0.4	326.6	0	0	83.9	84.2	23.9	23.5	0	0
140755	42996	229.5	0.958	3.1	0.4	326.6	0	0	83.8	84.4	23.9	23.5	0	0
140756	43000	229.5	0.967	3.1	0	326.6	0	0	83.8	84.4	23.9	23.5	0	0
140757	43004	229.5	0.951	3.1	-0.3	326.6	0	0	83.8	84.4	23.9	23.5	0	0
140758	43004	229.5	0.967	3.1	-0.7	326.6	0	0	83.8	84.4	23.9	23.5	0	0
140759	42996	229.5	0.965	3.1	-1	326.6	0	0	83.8	84.4	23.9	23.5	0	0
140760	43000	229	0.949	3.1	-0.7	326.6	0	0	83.8	84.4	23.7	23.5	0	0
140761	43000	229	0.96	2.9	-0.3	326.6	0	0	83.8	84.4	23.7	23.4	0	0
140762	43004	229.5	0.956	2.9	0	326.6	0	0	83.8	84.4	23.7	23.4	0	0
140763	43004	229	0.981	2.9	0.4	326.6	0	0	83.6	84.4	23.7	23.4	0	0
140764	43000	229	0.981	2.9	0.4	326.6	0	0	83.6	84.4	23.7	23.4	0	0
140765	43000	229	0.995	2.9	0.4	326.6	0	0	83.6	84.4	23.7	23.4	0	0
140766	42992	229.5	0.956	3.1	0	326.6	0	0	83.6	84.4	23.7	23.4	0	0
140767	42996	229.5	0.97	3.1	-0.3	326.6	0	0	83.8	84.4	23.7	23.4	0	0
140768	43000	229.5	0.983	3.1	-1	326.6	0	0	83.8	84.4	23.7	23.4	0	0
140769	43000	229.5	0.988	3.1	-1	326.2	0	0	83.6	84.2	23.7	23.4	0	0
140770	43004	229	0.976	3.1	-0.3	326.2	0	0	83.6	84.2	23.7	23.4	0	0
140771	43000	229	0.988	3.1	0	326.2	0	0	83.6	84.4	23.7	23.4	0	0
140772	42996	229	0.992	3.1	0.4	326.2	0	0	83.6	84.4	23.7	23.4	0	0
140773	43004	229	0.983	3.3	0.4	326.2	0	0	83.6	84.4	23.7	23.4	0	0
140774	42996	229	0.963	3.3	0	326.2	0	0	83.6	84.4	23.7	23.4	0	0
140775	42992	229	0.951	3.3	-0.3	326.2	0	0	83.8	84.2	23.7	23.4	0	0
140776	43000	229	0.981	3.1	-0.7	326.2	0	0	83.8	84.2	23.7	23.4	0	0
140777	43000	229	0.956	3.1	-1	326.2	0	0	83.6	84.2	23.7	23.3	0	0
140778	42996	229	0.956	3.1	-0.7	326.2	0	0	83.6	84.2	23.7	23.3	0	0
140779	43008	229	0.956	3.1	0	326.2	0	0	83.8	84.2	23.7	23.3	0	0
140780	43000	229	0.96	3.1	0.4	326.2	0	0	83.8	84.2	23.7	23.3	0	0
140781	43004	229	0.965	3.1	0.4	326.2	0	0	83.8	84.2	23.7	23.3	0	0
140782	43004	229	0.976	3.1	0.4	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140783	42996	229	0.96	3.1	0	326.6	0	0	83.8	84.1	23.7	23.3	0	0

140784	42992	229	0.976	3.1	-0.3	326.6	0	0	83.8	84.1	23.7	23.3	0	0
140785	42992	229	0.979	2.9	-0.7	326.6	0	0	83.6	84.2	23.7	23.3	0	0
140786	43004	229.5	0.967	2.9	-0.7	326.6	0	0	83.6	84.2	23.7	23.3	0	0
140787	43000	229	0.963	2.9	-0.3	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140788	42996	229	0.999	2.9	0	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140789	43004	229	0.979	2.9	0.4	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140790	42996	229	0.983	3.1	0.4	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140791	42996	229	0.999	3.1	0.4	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140792	42996	229	0.979	3.1	0	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140793	43000	229	0.992	3.1	-0.3	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140794	42992	229	0.988	3.1	-0.7	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140795	42992	229	0.983	3.1	-0.7	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140796	42992	229	0.967	3.1	-0.7	326.6	0	0	83.8	84.2	23.7	23.3	0	0
140797	42996	228.5	0.958	3.1	-0.3	326.6	0	0	83.6	84.2	23.7	23.1	0	0
140798	43004	228.5	0.951	3.1	0	326.6	0	0	83.6	84.2	23.7	23.1	0	0
140799	42996	228.5	0.972	3.1	0	326.6	0	0	83.6	84.2	23.7	23.1	0	0
140800	43004	228.5	0.972	3.1	0.4	326.6	0	0	83.6	84.2	23.7	23.1	0	0
140801	42996	228.5	0.972	3.1	0.4	326.6	0	0	83.8	84.2	23.7	23.1	0	0
140802	42996	228.5	0.967	3.1	0	326.6	0	0	83.8	84.2	23.7	23.1	0	0
140803	42996	228.5	0.937	3.1	-0.3	326.6	0	0	83.8	84.2	23.7	23.1	0	0
140804	43000	228.5	0.967	3.1	-0.7	326.6	0	0	83.8	84.2	23.7	23.1	0	0
140805	43000	228.5	0.972	3.1	-0.7	326.6	0	0	83.8	84.1	23.7	23.1	0	0
140806	42996	228.5	0.983	3.1	-0.7	326.6	0	0	83.8	84.1	23.7	23.1	0	0
140807	42992	228.5	0.983	3.1	-0.7	326.6	0	0	83.6	84.1	23.7	23.1	0	0
140808	43000	228.5	0.983	3.1	-0.3	326.2	0	0	83.6	84.1	23.7	23.1	0	0
140809	42992	228.5	0.997	3.1	0	326.2	0	0	83.8	84.1	23.7	23.1	0	0
140810	42996	228.5	0.967	3.3	0.4	326.2	0	0	83.8	84.1	23.7	23.1	0	0
140811	43000	228.5	0.988	3.3	0.4	326.6	0	0	83.8	84.1	23.7	23.1	0	0
140812	42996	228.5	0.983	3.3	0	326.6	0	0	83.8	84.1	23.7	23.1	0	0
140813	42996	228.5	0.992	3.3	-0.3	326.6	0	0	83.8	84.1	23.7	23.1	0	0
140814	43000	228.5	0.988	3.3	-0.7	326.6	0	0	83.8	84.1	23.9	23.1	0	0
140815	43004	228.5	0.974	3.3	-0.7	326.6	0	0	83.8	84.2	23.9	23.1	0	0
140816	42996	228.5	0.947	3.3	-0.7	326.2	0	0	83.8	84.2	23.9	23.1	0	0
140817	42996	228.5	0.933	3.1	-0.3	326.2	0	0	83.8	84.2	23.9	23.1	0	0
140818	43004	228.5	0.953	3.1	0	326.2	0	0	83.8	84.2	23.9	23.1	0	0
140819	43004	228.5	0.958	3.1	0.4	326.2	0	0	83.9	84.2	23.9	23.1	0	0
140820	43004	228.5	0.97	3.1	0.4	326.6	0	0	83.9	84.2	23.9	23.1	0	0
140821	43004	228.5	0.965	3.1	0	326.6	0	0	83.9	84.4	23.9	23.1	0	0
140822	43000	228.5	0.96	3.1	-0.3	326.6	0	0	83.9	84.4	23.9	23.1	0	0
140823	43004	228.5	0.956	3.1	-0.7	326.6	0	0	83.8	84.2	23.9	23.3	0	0
140824	42996	228.5	0.976	3.1	-0.7	326.6	0	0	83.8	84.2	23.9	23.3	0	0
140825	43000	228.5	0.97	3.1	-1	326.6	0	0	83.8	84.4	23.9	23.3	0	0
140826	43004	228.5	0.965	3.1	-0.7	326.2	0	0	83.8	84.4	23.9	23.3	0	0
140827	43000	228.5	0.97	3.1	0	326.2	0	0	83.9	84.2	23.9	23.3	0	0
140828	43000	228.5	0.967	3.1	0.4	326.2	0	0	83.9	84.2	23.9	23.3	0	0
140829	42996	228.5	0.963	3.1	0.4	326.2	0	0	83.9	84.2	23.9	23.3	0	0
140830	43000	228	1.004	3.3	0.4	326.6	0	0	83.9	84.2	23.9	23.3	0	0
140831	42996	228	0.958	3.3	0	326.6	0	0	83.9	84.2	23.9	23.3	0	0
140832	42996	228	0.983	3.3	-0.3	326.6	0	0	83.9	84.2	23.9	23.3	0	0
140833	43004	228	0.967	3.3	-0.7	326.2	0	0	83.8	84.4	23.9	23.3	0	0
140834	43000	228	0.967	3.3	-1	326.2	0	0	83.8	84.4	23.9	23.3	0	0
140835	43000	228	0.979	3.3	-0.7	326.2	0	0	83.9	84.2	23.9	23.3	0	0
140836	42996	228	0.953	3.3	-0.3	326.2	0	0	83.9	84.2	23.9	23.3	0	0
140837	42996	228	0.965	3.3	0	326.2	0	0	83.9	84.2	23.9	23.3	0	0
140838	42996	228	0.949	3.3	0.4	326.2	0	0	83.9	84.2	23.9	23.3	0	0
140839	43004	228	0.94	3.3	0.4	326.2	0	0	83.9	84.4	23.9	23.3	0	0
140840	43000	228	0.949	3.3	0	326.2	0	0	83.9	84.4	23.9	23.3	0	0
140841	43004	228	0.956	3.1	-0.3	326.2	0	0	83.9	84.4	23.9	23.4	0	0
140842	43000	228	0.96	3.1	-0.7	326.2	0	0	83.9	84.4	23.9	23.4	0	0
140843	43000	228	0.956	3.1	-1	326.2	0	0	83.9	84.6	23.9	23.4	0	0
140844	43000	228	0.965	3.1	-0.7	326.2	0	0	83.9	84.6	23.9	23.4	0	0
140845	43004	228.5	0.956	3.1	-0.3	326.2	0	0	83.9	84.4	23.9	23.4	0	0
140846	43000	228	0.947	3.1	0	326.2	0	0	83.9	84.4	23.9	23.4	0	0
140847	43004	228.5	0.958	3.1	0.4	326.2	0	0	83.9	84.2	23.9	23.4	0	0
140848	43000	228.5	0.983	3.3	0.4	326.2	0	0	83.9	84.2	24	23.4	0	0
140849	42992	228.5	0.958	3.3	-0.3	326.6	0	0	83.9	84.4	24	23.4	0	0
140850	43004	228.5	0.963	3.3	-0.7	326.6	0	0	83.9	84.4	24	23.4	0	0
140851	42996	228.5	0.967	3.3	-0.7	326.2	0	0	83.9	84.4	24	23.4	0	0
140852	42992	228.5	0.951	3.1	-0.7	326.2	0	0	83.9	84.4	24	23.4	0	0
140853	43000	228.5	0.983	3.1	-0.3	326.2	0	0	83.9	84.4	24	23.4	0	0
140854	43004	228	0.942	3.1	0	326.2	0	0	83.9	84.4	24	23.4	0	0

140855	43004	228	0.983	3.1	0.4	326.6	0	0	84.1	84.4	24	23.4	0	0
140856	43008	228	0.947	3.1	0.4	326.6	0	0	84.1	84.4	24	23.4	0	0
140857	42996	228	0.988	3.1	0	326.6	0	0	83.9	84.4	24	23.4	0	0
140858	43004	228	0.972	3.1	-0.3	326.6	0	0	83.9	84.4	24	23.4	0	0
140859	42996	228	0.979	3.1	-0.7	326.6	0	0	83.9	84.4	24	23.4	0	0
140860	43000	228	0.972	3.1	-0.7	326.6	0	0	83.9	84.4	24	23.4	0	0
140861	43000	228	0.979	3.1	-0.7	326.6	0	0	83.9	84.4	24	23.4	0	0
140862	42996	228.5	0.951	3.1	0	326.6	0	0	83.9	84.4	24	23.4	0	0
140863	43000	228	0.976	3.1	0.4	326.6	0	0	83.9	84.4	24	23.4	0	0
140864	42992	228	0.967	3.1	0.4	326.6	0	0	83.9	84.4	24	23.4	0	0
140865	42992	228.5	0.992	3.1	0.4	326.6	0	0	83.9	84.4	24	23.4	0	0
140866	43000	228	0.988	3.3	-0.3	326.6	0	0	83.9	84.4	24	23.4	0	0
140867	42996	228.5	0.972	3.3	-0.7	326.6	0	0	83.9	84.4	24	23.4	0	0
140868	42992	228.5	0.992	3.3	-1	326.6	0	0	83.9	84.4	24	23.4	0	0
140869	42992	228	0.972	3.3	-1	326.6	0	0	83.9	84.6	24	23.4	0	0
140870	42996	228	0.992	3.3	-0.7	326.6	0	0	83.9	84.6	24	23.4	0	0
140871	43000	228	0.992	3.3	-0.3	326.6	0	0	83.9	84.6	24	23.4	0	0
140872	43000	228	0.995	3.3	0.4	326.6	0	0	83.9	84.6	24	23.4	0	0
140873	43000	228	0.949	3.3	0.4	326.6	0	0	83.9	84.6	24	23.4	0	0
140874	43008	228	0.986	3.3	0	326.6	0	0	83.9	84.6	24	23.4	0	0
140875	42996	228	0.924	3.3	-0.3	326.6	0	0	83.9	84.6	24	23.5	0	0
140876	42996	228	0.935	3.1	-0.7	326.6	0	0	83.9	84.6	24	23.5	0	0
140877	42996	228	0.96	3.1	-0.7	326.6	0	0	83.9	84.7	24	23.5	0	0
140878	43004	228	0.956	3.1	-0.7	326.2	0	0	83.9	84.7	24	23.5	0	0
140879	42996	228	0.96	3.1	-0.3	326.2	0	0	83.9	84.6	24	23.5	0	0
140880	42996	228	0.947	3.1	-0.3	326.2	0	0	83.9	84.6	24	23.5	0	0
140881	43004	228.5	0.958	3.1	0	326.2	0	0	83.9	84.7	24	23.6	0	0
140882	42996	228.5	0.979	3.1	0	326.2	0	0	83.9	84.7	24	23.6	0	0
140883	43004	228.5	0.983	3.1	0.4	326.2	0	0	83.9	84.7	24	23.6	0	0
140884	43004	228.5	0.958	3.3	0.4	326.2	0	0	83.9	84.7	24	23.6	0	0
140885	43000	228.5	0.974	3.3	0.4	326.6	0	0	83.9	84.7	24	23.6	0	0
140886	43000	228	0.983	3.3	0	326.6	0	0	83.9	84.7	24	23.6	0	0
140887	43004	228.5	0.979	3.3	-0.3	326.6	0	0	83.9	84.7	24	23.6	0	0
140888	42996	228	0.967	3.3	-0.7	326.6	0	0	83.9	84.7	24	23.6	0	0
140889	43000	228	0.942	3.3	-1	326.6	0	0	83.9	84.7	24	23.6	0	0
140890	43004	228.5	0.967	3.1	-0.7	326.2	0	0	83.9	84.7	24	23.6	0	0
140891	42992	228.5	0.951	3.1	0	326.2	0	0	84.1	84.7	24	23.7	0	0
140892	42996	228.5	0.963	3.1	0	326.2	0	0	84.1	84.7	24	23.7	0	0
140893	43000	228.5	0.937	3.1	0.4	326.2	0	0	84.1	84.6	24	23.7	0	0
140894	43004	228.5	0.972	3.1	0.4	326.6	0	0	84.1	84.6	24	23.7	0	0
140895	42996	228	0.983	3.1	0	326.6	0	0	83.9	84.7	24	23.7	0	0
140896	43004	228	0.951	3.1	-0.3	326.6	0	0	83.9	84.7	24	23.7	0	0
140897	42992	228.5	0.947	3.1	-0.7	326.6	0	0	84.1	84.7	24	23.7	0	0
140898	43004	228.5	0.951	3.1	-0.7	326.2	0	0	84.1	84.7	24	23.7	0	0
140899	43004	228.5	0.988	3.1	-0.7	326.2	0	0	84.1	84.7	24	23.7	0	0
140900	43000	228.5	0.983	3.1	-0.3	326.2	0	0	84.1	84.7	24	23.7	0	0
140901	42992	228.5	0.972	3.1	0.4	326.2	0	0	84.1	84.7	24	23.7	0	0
140902	42996	228.5	0.992	3.1	0.4	326.2	0	0	84.1	84.7	24	23.7	0	0
140903	42996	228.5	0.983	3.1	0.4	326.2	0	0	84.1	84.7	24	23.7	0	0
140904	42996	228.5	0.983	3.3	0	326.2	0	0	84.1	84.7	24.1	23.7	0	0
140905	43004	228.5	0.963	3.3	-0.3	326.2	0	0	83.9	84.7	24.1	23.7	0	0
140906	42992	228.5	0.983	3.3	-0.7	326.2	0	0	83.9	84.7	24.1	23.7	0	0
140907	43004	228.5	0.979	3.3	-0.7	326.2	0	0	84.1	84.7	24.1	23.7	0	0
140908	43000	228.5	0.963	3.3	-0.7	326.2	0	0	84.1	84.7	24.1	23.7	0	0
140909	42996	228.5	0.979	3.1	-0.3	326.2	0	0	84.1	84.6	24.1	23.7	0	0
140910	42996	228.5	0.979	3.1	0	326.2	0	0	84.1	84.6	24.1	23.7	0	0
140911	42996	228.5	0.967	3.1	0.4	326.2	0	0	84.1	84.6	24.1	23.7	0	0
140912	43000	229	0.942	3.1	0.4	326.2	0	0	84.1	84.6	24.1	23.7	0	0
140913	43008	228.5	0.958	3.1	0	326.6	0	0	84.1	84.7	24.1	23.6	0	0
140914	42996	229	0.967	3.1	0	326.6	0	0	84.1	84.7	24.1	23.6	0	0
140915	43004	229	0.963	3.1	-0.3	326.6	0	0	84.1	84.6	24.1	23.6	0	0
140916	42996	228.5	0.963	3.1	-0.7	326.6	0	0	84.1	84.6	24.1	23.6	0	0
140917	43004	229	0.983	3.1	-0.7	326.2	0	0	84.1	84.7	24.1	23.6	0	0
140918	42996	229	0.983	3.1	-0.7	326.2	0	0	84.1	84.7	24.1	23.6	0	0
140919	42996	229	0.976	3.1	-0.3	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140920	42992	229	0.983	3.1	0	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140921	42992	229	0.983	3.1	0.4	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140922	43000	229	0.976	3.1	0.4	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140923	43000	229	0.976	3.1	0	326.6	0	0	84.1	84.6	24.1	23.6	0	0
140924	43004	229	0.99	3.1	-0.3	326.6	0	0	84.1	84.6	24.1	23.6	0	0
140925	42996	229	0.995	3.1	-0.3	326.6	0	0	84.1	84.6	24.1	23.6	0	0

140926	43000	229	0.974	3.1	-0.7	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140927	42992	229	0.981	3.1	-0.7	326.2	0	0	84.1	84.4	24.1	23.6	0	0
140928	42996	229.5	0.965	3.1	-0.7	326.2	0	0	84.1	84.4	24.1	23.6	0	0
140929	43004	229	0.956	3.1	-0.3	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140930	42996	229	0.99	3.1	0	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140931	43000	229	0.965	3.1	0.4	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140932	43000	229.5	0.99	3.1	0.4	326.2	0	0	84.1	84.6	24.1	23.6	0	0
140933	42996	229.5	0.965	3.1	0	326.6	0	0	84.1	84.6	24.1	23.6	0	0
140934	43000	229.5	0.965	3.1	-0.3	326.6	0	0	84.1	84.6	24.1	23.6	0	0
140935	42996	229.5	0.981	3.1	-0.3	326.6	0	0	83.9	84.6	24.1	23.6	0	0
140936	42996	229.5	0.965	3.1	-0.7	326.2	0	0	83.9	84.6	24.1	23.6	0	0
140937	43004	229.5	0.965	3.1	-1	326.2	0	0	84.1	84.6	24.1	23.5	0	0
140938	43000	229.5	0.981	3.1	-0.7	326.2	0	0	84.1	84.6	24.1	23.5	0	0
140939	43004	229.5	0.976	3.1	-0.3	326.2	0	0	83.9	84.4	24.1	23.5	0	0
140940	43000	230	0.976	3.1	0	326.2	0	0	83.9	84.4	24.1	23.5	0	0
140941	43004	230	0.947	3.1	0.4	326.6	0	0	83.9	84.6	24.1	23.5	0	0
140942	43004	230	0.979	3.1	0.4	326.6	0	0	83.9	84.6	24.1	23.5	0	0
140943	42996	230	0.983	3.1	0	326.6	0	0	83.9	84.6	24.1	23.5	0	0
140944	43000	230	0.963	3.1	-0.3	326.6	0	0	83.9	84.6	24.1	23.5	0	0
140945	43000	230	0.992	3.1	-0.7	326.6	0	0	83.9	84.6	24.1	23.5	0	0
140946	42988	230	0.947	3.1	-1	326.6	0	0	83.9	84.6	24.1	23.5	0	0
140947	42992	230	0.988	3.1	-0.7	326.2	0	0	83.9	84.6	24.1	23.5	0	0
140948	42996	230	0.983	3.1	-0.3	326.2	0	0	83.9	84.6	24.1	23.5	0	0
140949	42996	230	0.953	3.1	0	326.2	0	0	83.9	84.4	24.1	23.5	0	0
140950	43004	230	0.988	3.1	0.4	326.2	0	0	83.9	84.4	24.1	23.5	0	0
140951	42996	230	0.988	3.1	0.4	326.6	0	0	83.9	84.6	24.1	23.5	0	0
140952	43000	229.5	0.958	3.1	0	326.6	0	0	83.9	84.6	24	23.5	0	0
140953	43004	229.5	0.963	3.1	-0.3	326.6	0	0	83.9	84.6	24	23.5	0	0
140954	42996	229.5	0.967	3.3	-0.7	326.6	0	0	83.9	84.6	24	23.5	0	0
140955	42992	229.5	0.967	3.3	-0.7	326.2	0	0	83.9	84.6	24	23.5	0	0
140956	42996	229.5	0.988	3.1	-0.7	326.2	0	0	83.9	84.6	24	23.5	0	0
140957	42996	229.5	0.942	3.1	-0.3	326.2	0	0	83.8	84.6	24	23.5	0	0
140958	43000	229.5	0.951	3.1	0	326.2	0	0	83.8	84.6	23.9	23.5	0	0
140959	42996	229.5	0.967	3.1	0.4	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140960	43004	229.5	0.937	3.1	0.4	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140961	42992	229.5	0.979	3.1	0	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140962	43008	229.5	0.958	3.1	-0.7	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140963	42996	229.5	0.958	3.1	-1	326.2	0	0	83.8	84.6	23.9	23.5	0	0
140964	43000	229.5	0.963	3.1	-1	326.2	0	0	83.8	84.6	23.9	23.5	0	0
140965	42996	229.5	0.972	3.1	-0.3	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140966	42996	229.5	0.983	3.1	0	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140967	43004	229.5	0.972	3.1	0	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140968	43000	229.5	0.979	3.1	0.4	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140969	42992	230	0.972	3.1	0.4	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140970	42996	230	0.979	3.1	0	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140971	42992	230	0.988	3.1	-0.3	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140972	43000	230	0.992	3.1	-0.7	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140973	43004	230	0.979	3.1	-0.7	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140974	42988	230	0.963	3.1	-0.3	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140975	42992	230	0.983	3.1	0	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140976	43000	230	0.983	3.1	0.4	326.2	0	0	83.8	84.4	23.9	23.5	0	0
140977	43000	230	0.958	3.3	0.4	326.6	0	0	83.8	84.4	23.9	23.5	0	0
140978	43004	230	0.979	3.3	0	326.6	0	0	83.8	84.4	23.9	23.5	0	0
140979	42996	230	0.979	3.3	-0.3	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140980	43000	229.5	0.958	3.3	-0.7	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140981	43004	229.5	0.967	3.1	-1	326.2	0	0	83.9	84.2	23.9	23.4	0	0
140982	43004	229.5	0.937	3.1	-0.7	326.2	0	0	83.9	84.2	23.9	23.4	0	0
140983	43008	229.5	0.951	3.1	-0.3	326.2	0	0	83.8	84.2	23.9	23.4	0	0
140984	43000	229.5	0.96	3.1	0	326.2	0	0	83.8	84.2	23.9	23.4	0	0
140985	43008	230	0.94	3.1	0.4	326.2	0	0	83.8	84.4	23.9	23.4	0	0
140986	43000	230	0.965	3.1	0.4	326.6	0	0	83.8	84.4	23.9	23.4	0	0
140987	42996	230	0.981	3.1	0.4	326.6	0	0	83.8	84.2	23.9	23.4	0	0
140988	42992	229.5	0.949	3.1	0	326.6	0	0	83.8	84.2	23.9	23.4	0	0
140989	42992	229.5	0.981	3.1	-0.3	326.2	0	0	83.8	84.2	23.9	23.4	0	0
140990	42992	229.5	0.96	2.9	-0.7	326.2	0	0	83.8	84.2	23.9	23.4	0	0
140991	43000	229.5	0.949	3.1	-1	326.2	0	0	83.8	84.4	23.9	23.3	0	0
140992	43000	230	0.981	3.1	-0.7	326.2	0	0	83.8	84.4	23.9	23.3	0	0
140993	43004	230	0.976	3.1	0	326.2	0	0	83.8	84.4	23.9	23.3	0	0
140994	42996	230	0.981	3.1	0.4	326.2	0	0	83.8	84.4	23.9	23.3	0	0
140995	43000	230	0.99	3.1	0.4	326.2	0	0	83.8	84.2	23.9	23.3	0	0
140996	42996	230	0.99	3.1	0.4	326.2	0	0	83.8	84.2	23.9	23.3	0	0

140997	42996	230	0.97	3.1	0	326.6	0	0	83.8	84.2	23.9	23.3	0	0
140998	42996	230	0.956	3.3	-0.3	326.6	0	0	83.8	84.2	23.9	23.3	0	0
140999	43000	230	0.965	3.1	-0.3	326.6	0	0	83.6	84.2	23.9	23.3	0	0
141000	43004	230	0.94	3.1	-0.7	326.2	0	0	83.6	84.2	23.9	23.3	0	0
141001	43004	229.5	0.97	3.1	-0.7	326.2	0	0	83.8	84.2	23.9	23.3	0	0
141002	43000	229.5	0.97	3.1	-0.7	326.2	0	0	83.8	84.2	23.9	23.3	0	0
141003	43008	229.5	0.965	3.1	-0.3	326.2	0	0	83.8	84.2	23.9	23.3	0	0
141004	43008	230	0.94	2.9	-0.3	326.2	0	0	83.8	84.2	23.9	23.3	0	0
141005	43004	229.5	0.96	2.9	0	326.2	0	0	83.6	84.2	23.9	23.3	0	0
141006	43004	229.5	0.956	2.9	0	326.2	0	0	83.6	84.2	23.9	23.3	0	0
141007	43000	229.5	0.944	2.9	0.4	326.2	0	0	83.8	84.2	23.9	23.3	0	0
141008	43004	229.5	0.986	2.9	0	326.2	0	0	83.8	84.2	23.9	23.3	0	0
141009	42992	229.5	0.99	2.9	0	326.2	0	0	83.8	84.1	23.9	23.1	0	0
141010	42992	229.5	0.96	2.9	0	326.2	0	0	83.8	84.1	23.7	23.1	0	0
141011	43000	229.5	0.97	2.9	0	326.2	0	0	83.8	84.2	23.7	23.1	0	0
141012	43000	229.5	1.002	2.9	0	326.2	0	0	83.8	84.2	23.7	23.1	0	0
141013	43000	229.5	0.96	3.1	0	326.2	0	0	83.8	84.1	23.7	23.1	0	0
141014	42992	229.5	0.976	3.1	-0.3	326.2	0	0	83.8	84.1	23.7	23.1	0	0
141015	42996	229.5	0.995	3.1	0	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141016	42992	229.5	0.981	3.1	0	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141017	43000	229.5	0.97	3.1	-0.3	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141018	42996	229.5	0.981	3.1	-0.3	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141019	43008	229.5	0.981	3.1	-0.7	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141020	43004	229.5	0.965	3.1	-0.7	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141021	43004	230	0.956	3.1	-1	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141022	43000	230	0.965	3.1	-1	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141023	43000	230	0.944	3.1	-0.7	326.2	0	0	83.6	84.1	23.7	23	0	0
141024	42992	230	0.974	3.1	0	326.2	0	0	83.6	84.1	23.7	23	0	0
141025	43000	230	0.956	3.1	0.4	326.2	0	0	83.6	84.2	23.7	23.1	0	0
141026	42992	230	0.965	3.1	0.7	326.2	0	0	83.6	84.2	23.7	23.1	0	0
141027	42992	230	0.949	3.1	0	326.6	0	0	83.6	84.2	23.7	23.1	0	0
141028	43000	230	0.99	3.1	-0.3	326.6	0	0	83.6	84.2	23.7	23.1	0	0
141029	42992	230	0.995	3.1	-0.7	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141030	42992	230	0.96	3.1	-1	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141031	43000	230	0.974	3.1	-1	326.2	0	0	83.6	84.2	23.7	23.1	0	0
141032	42992	230	0.974	3.1	-0.3	326.2	0	0	83.6	84.2	23.7	23.1	0	0
141033	42996	230	0.981	3.1	0	326.2	0	0	83.6	84.2	23.7	23.1	0	0
141034	43000	230	0.965	3.1	0.4	326.2	0	0	83.6	84.2	23.7	23.1	0	0
141035	43000	230	1.002	3.1	0.4	326.2	0	0	83.8	84.1	23.7	23	0	0
141036	42992	230	0.965	3.3	0	326.2	0	0	83.8	84.1	23.7	23	0	0
141037	42992	230	0.99	3.3	0	326.2	0	0	83.8	84.1	23.7	23.1	0	0
141038	43000	230	0.995	3.3	-0.3	326.2	0	0	83.8	84.1	23.7	23.1	0	0
141039	43004	230	0.96	3.3	-0.7	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141040	43000	230	0.995	3.3	-1	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141041	42996	229.5	0.965	3.3	-0.7	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141042	43000	229.5	0.97	3.1	-0.3	326.2	0	0	83.6	84.1	23.7	23.1	0	0
141043	42996	229.5	0.944	3.1	0	326.2	0	0	83.6	84.1	23.7	23	0	0
141044	43000	229.5	0.97	3.1	0.4	326.2	0	0	83.6	84.1	23.6	23	0	0
141045	43004	229.5	0.965	3.1	0.4	326.2	0	0	83.4	84.1	23.6	23.1	0	0
141046	43000	229.5	0.944	3.1	0	326.2	0	0	83.4	84.1	23.6	23.1	0	0
141047	43004	229.5	0.986	3.1	-0.3	326.2	0	0	83.6	84.1	23.6	23.1	0	0
141048	43000	229	0.981	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23.1	0	0
141049	43004	229	0.965	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141050	42996	229	0.986	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141051	43004	229	0.97	3.1	-0.3	326.2	0	0	83.6	84.1	23.6	23	0	0
141052	42992	229	0.986	3.1	0	326.2	0	0	83.6	84.1	23.6	23	0	0
141053	43000	229	0.974	3.1	0.4	326.2	0	0	83.4	84.1	23.6	23	0	0
141054	43004	229	0.979	3.1	0.4	326.2	0	0	83.4	84.1	23.6	23	0	0
141055	43000	229	0.983	3.1	0	326.2	0	0	83.6	84.1	23.6	23	0	0
141056	42996	229	0.988	3.1	-0.3	326.2	0	0	83.6	84.1	23.6	23	0	0
141057	43000	229	0.983	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141058	42988	229	0.979	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141059	42996	229	0.972	3.1	-0.7	326.2	0	0	83.6	83.9	23.6	23	0	0
141060	42992	229	0.967	3.1	-0.7	325.9	0	0	83.6	83.9	23.6	23	0	0
141061	43004	229	0.963	3.1	-0.3	325.9	0	0	83.6	84.1	23.6	23	0	0
141062	43000	229	0.981	3.1	0	326.2	0	0	83.6	84.1	23.6	23	0	0
141063	42992	229	0.976	3.1	0.4	326.2	0	0	83.6	84.2	23.6	23	0	0
141064	43000	229	0.981	3.1	0.4	326.2	0	0	83.6	84.2	23.6	23	0	0
141065	42996	228.5	0.956	3.1	0.4	326.2	0	0	83.6	84.1	23.6	23	0	0
141066	43000	228.5	0.956	3.1	0	326.2	0	0	83.6	84.1	23.6	23	0	0
141067	43000	228.5	0.976	3.1	-0.3	326.2	0	0	83.4	84.1	23.6	23	0	0

141068	43004	228.5	0.981	3.1	-0.7	326.2	0	0	83.4	84.1	23.6	23	0	0
141069	43000	228.5	0.976	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141070	43000	228.5	0.96	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141071	43004	228.5	0.967	3.1	-0.3	326.2	0	0	83.6	84.1	23.6	23	0	0
141072	43008	228.5	0.963	3.1	0	326.2	0	0	83.6	84.1	23.6	23	0	0
141073	42992	228.5	0.974	3.1	0	326.2	0	0	83.4	84.1	23.6	23	0	0
141074	43008	228.5	0.983	3.1	0.4	326.2	0	0	83.4	84.1	23.6	23	0	0
141075	43004	228.5	0.988	3.1	0	326.2	0	0	83.6	84.2	23.6	23	0	0
141076	42996	228.5	0.979	3.1	0	326.2	0	0	83.6	84.2	23.6	23	0	0
141077	42996	228.5	0.942	3.1	-0.3	326.2	0	0	83.6	84.1	23.6	23	0	0
141078	42996	228.5	0.958	3.1	-0.3	326.2	0	0	83.6	84.1	23.6	23	0	0
141079	42996	228.5	0.988	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141080	42988	228.5	0.99	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141081	42992	228.5	0.96	3.1	-1	326.2	0	0	83.6	84.1	23.6	23	0	0
141082	43000	228.5	0.986	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141083	42992	228.5	1.002	3.3	-0.3	326.2	0	0	83.6	84.1	23.6	23	0	0
141084	43000	228.5	0.956	3.3	0.4	326.2	0	0	83.6	84.1	23.6	23	0	0
141085	42996	228.5	0.956	3.3	0.4	326.2	0	0	83.4	83.9	23.6	23	0	0
141086	42992	228.5	0.965	3.3	0.4	326.2	0	0	83.4	83.9	23.6	23	0	0
141087	43000	228.5	0.96	3.3	-0.3	326.2	0	0	83.8	84.1	23.6	23	0	0
141088	43000	228.5	0.983	3.3	-0.7	326.2	0	0	83.8	84.1	23.6	23	0	0
141089	43000	228.5	0.953	3.3	-1	326.2	0	0	83.6	84.1	23.6	23	0	0
141090	43004	228.5	0.953	3.3	-1	326.2	0	0	83.6	84.1	23.6	23	0	0
141091	42996	228.5	0.953	3.1	-0.7	326.2	0	0	83.8	84.1	23.6	23	0	0
141092	43004	228.5	0.967	3.1	-0.3	326.2	0	0	83.8	84.1	23.6	23	0	0
141093	42996	228.5	0.983	3.1	0	326.2	0	0	83.8	84.1	23.6	23	0	0
141094	42996	229	0.937	3.1	0.4	326.2	0	0	83.8	84.1	23.6	23	0	0
141095	43004	228.5	0.953	3.1	0.4	326.2	0	0	83.6	84.1	23.6	23	0	0
141096	43000	228.5	0.992	3.1	0	326.2	0	0	83.6	84.1	23.6	23	0	0
141097	42996	228.5	0.981	3.1	-0.3	326.2	0	0	83.8	84.1	23.6	23	0	0
141098	43004	229	0.986	3.1	-0.7	326.2	0	0	83.8	84.1	23.6	23	0	0
141099	43000	229	0.981	3.1	-1	326.2	0	0	83.6	84.1	23.6	23	0	0
141100	42992	228.5	0.99	3.1	-0.7	326.2	0	0	83.6	84.1	23.6	23	0	0
141101	43000	228.5	0.995	3.1	-0.3	325.9	0	0	83.8	84.1	23.6	23	0	0
141102	43000	228.5	0.981	3.1	0	325.9	0	0	83.8	84.1	23.6	23	0	0
141103	43004	228.5	0.981	3.1	0.4	325.9	0	0	83.8	84.1	23.6	23	0	0
141104	43000	228.5	0.97	3.3	0.4	326.2	0	0	83.8	84.1	23.6	23	0	0
141105	43012	228.5	0.986	3.3	0	326.2	0	0	83.8	84.1	23.6	23	0	0
141106	42996	228.5	0.96	3.3	-0.3	326.2	0	0	83.8	84.1	23.6	23	0	0
141107	43000	228.5	0.981	3.3	-0.7	326.2	0	0	83.8	84.1	23.6	23	0	0
141108	43004	228.5	0.97	3.3	-0.7	326.2	0	0	83.8	84.1	23.6	23	0	0
141109	43004	228.5	0.949	3.3	-0.3	326.2	0	0	83.8	84.2	23.6	23	0	0
141110	43000	228	0.944	3.1	-0.3	326.2	0	0	83.8	84.2	23.6	23	0	0
141111	42996	228.5	0.944	3.1	0	326.2	0	0	83.8	84.1	23.6	23	0	0
141112	43000	228.5	0.96	3.1	0	326.2	0	0	83.8	84.1	23.6	23	0	0
141113	43004	228.5	0.965	3.1	0.4	326.2	0	0	83.8	84.1	23.6	23	0	0
141114	43004	228.5	0.967	3.1	0.4	326.2	0	0	83.8	84.1	23.6	23	0	0
141115	42992	228.5	0.951	3.1	0	326.2	0	0	83.8	84.2	23.6	23	0	0
141116	42988	228.5	0.947	3.1	0	326.2	0	0	83.8	84.2	23.6	23	0	0
141117	43000	228.5	0.979	3.1	-0.3	326.2	0	0	83.6	84.2	23.6	23	0	0
141118	42996	228.5	0.967	3.1	-0.7	326.2	0	0	83.6	84.2	23.6	23	0	0
141119	42996	228.5	0.983	3.1	-1	326.2	0	0	83.8	84.2	23.6	23	0	0
141120	42992	228.5	0.967	3.1	-1	325.9	0	0	83.8	84.2	23.6	23	0	0
141121	42996	228.5	0.979	3.3	-0.7	325.9	0	0	83.8	84.2	23.6	23	0	0
141122	42992	228.5	0.972	3.3	-0.3	325.9	0	0	83.8	84.2	23.6	23	0	0
141123	42996	228.5	0.974	3.3	0.4	325.9	0	0	83.8	84.2	23.6	23.1	0	0
141124	43004	228.5	0.965	3.3	0.4	325.9	0	0	83.8	84.2	23.6	23.1	0	0
141125	42996	228.5	0.96	3.3	0.4	326.2	0	0	83.6	84.2	23.6	23.1	0	0
141126	43004	228	0.965	3.1	-0.3	326.2	0	0	83.6	84.2	23.6	23.1	0	0
141127	43000	228	0.974	3.1	-0.7	326.2	0	0	83.6	84.2	23.6	23.1	0	0
141128	43000	228	0.944	3.1	-0.7	326.2	0	0	83.6	84.2	23.6	23.1	0	0
141129	43008	228	0.96	3.1	-0.7	325.9	0	0	83.8	84.2	23.6	23.1	0	0
141130	43004	228	0.94	2.9	-0.7	325.9	0	0	83.8	84.2	23.6	23.1	0	0
141131	43004	228	0.965	2.9	0	325.9	0	0	83.6	84.4	23.6	23.1	0	0
141132	43008	228	0.97	3.1	0.4	325.9	0	0	83.6	84.4	23.6	23.1	0	0
141133	43000	228	0.99	3.1	0.7	325.9	0	0	83.8	84.2	23.6	23.1	0	0
141134	43000	228	0.981	3.1	0.4	326.2	0	0	83.8	84.2	23.6	23.1	0	0
141135	42996	228	0.965	3.1	0	326.2	0	0	83.6	84.2	23.6	23.3	0	0
141136	43000	228	0.97	3.1	-0.3	326.2	0	0	83.6	84.2	23.6	23.3	0	0
141137	42996	228	0.99	3.3	-0.7	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141138	43000	228	0.96	3.3	-1	325.9	0	0	83.8	84.4	23.6	23.3	0	0

141139	42992	228	0.965	3.1	-0.7	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141140	43004	228	0.958	3.3	-0.3	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141141	42996	228	0.958	3.3	0	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141142	43000	228	0.967	3.3	0.4	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141143	43000	228	0.972	3.3	0.4	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141144	43004	228	0.958	3.1	0	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141145	43000	228	0.967	3.1	-0.3	325.9	0	0	83.6	84.4	23.6	23.3	0	0
141146	43004	228	0.967	3.1	-1	325.9	0	0	83.6	84.4	23.6	23.3	0	0
141147	42992	228	0.963	3.1	-1	325.9	0	0	83.6	84.4	23.6	23.3	0	0
141148	42996	228	0.951	3.1	-0.7	325.9	0	0	83.6	84.4	23.6	23.3	0	0
141149	43008	228	0.958	3.1	0	325.9	0	0	83.8	84.2	23.6	23.3	0	0
141150	43000	228	0.967	3.1	0.4	325.9	0	0	83.8	84.2	23.6	23.3	0	0
141151	42992	228	0.988	3.3	0.4	325.9	0	0	83.9	84.2	23.6	23.3	0	0
141152	43004	228	0.983	3.3	0	325.9	0	0	83.9	84.2	23.6	23.3	0	0
141153	42988	228	1.008	3.3	0	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141154	43000	228	0.972	3.3	0	325.9	0	0	83.8	84.4	23.6	23.3	0	0
141155	42996	228	0.972	3.3	-0.3	325.9	0	0	83.8	84.2	23.6	23.3	0	0
141156	42996	228	0.967	3.3	-0.7	325.9	0	0	83.8	84.2	23.6	23.3	0	0
141157	43000	228	0.963	3.3	-0.7	325.9	0	0	83.8	84.2	23.6	23.3	0	0
141158	42988	228	0.96	3.3	-0.7	325.9	0	0	83.8	84.2	23.7	23.3	0	0
141159	43000	228	0.956	3.3	-0.7	325.9	0	0	83.8	84.2	23.7	23.1	0	0
141160	43000	228	0.97	3.3	-0.3	325.9	0	0	83.8	84.2	23.7	23.1	0	0
141161	42992	228	0.944	3.1	-0.3	325.9	0	0	83.9	84.2	23.7	23.1	0	0
141162	42996	228	0.956	3.1	0	325.9	0	0	83.9	84.2	23.7	23.1	0	0
141163	43000	228	0.956	3.1	0	325.9	0	0	83.8	84.4	23.7	23.1	0	0
141164	42992	228	0.974	3.1	0	326.2	0	0	83.8	84.4	23.7	23.1	0	0
141165	42988	228	0.949	3.1	0.4	326.2	0	0	83.9	84.2	23.7	23.1	0	0
141166	43000	228	0.944	3.1	0.4	326.2	0	0	83.9	84.2	23.7	23.1	0	0
141167	42996	228	0.99	3.1	0	326.2	0	0	83.8	84.2	23.7	23.1	0	0
141168	43000	228	0.965	3.1	0	326.2	0	0	83.8	84.2	23.7	23.1	0	0
141169	43004	228	0.99	3.1	-0.3	326.2	0	0	83.9	84.4	23.7	23.1	0	0
141170	42992	228	0.995	3.1	-0.7	326.2	0	0	83.9	84.4	23.7	23.1	0	0
141171	42988	228	0.99	3.3	-1	325.9	0	0	83.9	84.2	23.7	23.1	0	0
141172	43000	228	0.965	3.3	-1	325.9	0	0	83.9	84.2	23.7	23.1	0	0
141173	42996	228	0.949	3.3	-0.7	325.9	0	0	83.9	84.4	23.7	23.1	0	0
141174	42992	228	0.97	3.3	0	325.9	0	0	83.9	84.4	23.7	23.1	0	0
141175	43004	228	0.972	3.3	0.4	325.9	0	0	83.9	84.4	23.7	23.1	0	0
141176	43004	228	0.992	3.3	0.7	325.9	0	0	83.9	84.4	23.7	23.1	0	0
141177	43008	228	0.963	3.3	0	326.2	0	0	83.9	84.4	23.7	23.1	0	0
141178	42996	228	0.951	3.1	-0.3	326.2	0	0	83.9	84.4	23.7	23.1	0	0
141179	42992	228	0.963	3.1	-0.7	326.2	0	0	83.9	84.4	23.7	23.1	0	0
141180	42996	228	0.972	3.1	-0.7	326.2	0	0	83.9	84.4	23.7	23.1	0	0
141181	43000	228	0.967	3.1	-0.7	326.2	0	0	83.9	84.6	23.7	23.3	0	0
141182	42996	228.5	0.967	3.1	-0.3	326.2	0	0	83.9	84.6	23.7	23.3	0	0
141183	42988	228	0.992	3.1	0	326.2	0	0	83.8	84.6	23.7	23.4	0	0
141184	43000	228.5	0.944	3.1	0	326.2	0	0	83.8	84.6	23.7	23.4	0	0
141185	42996	228.5	0.99	3.1	0.4	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141186	42992	228.5	0.986	3.1	0	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141187	43000	228.5	0.976	3.3	0	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141188	42996	228.5	0.995	3.3	-0.7	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141189	43000	228.5	0.97	3.3	-1	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141190	43000	228.5	0.986	3.3	-1	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141191	43004	228.5	0.965	3.3	-0.3	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141192	42996	228.5	0.972	3.3	0	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141193	43004	228.5	0.972	3.1	0.4	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141194	43000	228.5	0.947	3.1	0	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141195	43008	228	0.947	3.1	0	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141196	43000	228	0.942	3.1	-0.3	326.2	0	0	83.9	84.7	23.9	23.5	0	0
141197	43008	228	0.967	2.9	-0.7	326.2	0	0	83.9	84.7	23.9	23.5	0	0
141198	43004	228.5	0.972	2.9	-0.7	325.9	0	0	83.9	84.7	23.9	23.5	0	0
141199	42992	228.5	0.963	2.9	-0.7	325.9	0	0	83.9	84.6	23.9	23.5	0	0
141200	42992	228.5	0.992	3.1	-0.3	326.2	0	0	83.9	84.6	23.9	23.5	0	0
141201	43000	228.5	0.995	3.1	0.4	326.2	0	0	84.1	84.6	23.9	23.5	0	0
141202	42996	228.5	0.99	3.1	0.4	326.2	0	0	84.1	84.6	23.9	23.5	0	0
141203	43000	228.5	0.995	3.1	0.7	326.2	0	0	84.1	84.6	23.9	23.5	0	0
141204	43000	228.5	0.976	3.3	0.4	326.2	0	0	84.1	84.6	23.7	23.5	0	0
141205	43000	228.5	0.986	3.3	-0.3	326.2	0	0	83.9	84.6	23.7	23.5	0	0
141206	43012	228.5	0.976	3.3	-0.7	326.2	0	0	83.9	84.6	23.7	23.5	0	0
141207	42996	228.5	0.956	3.1	-1	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141208	42992	228.5	0.965	3.1	-0.7	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141209	42992	228.5	0.97	3.1	-0.3	326.2	0	0	83.9	84.7	23.7	23.5	0	0

141210	43000	228.5	0.976	3.1	0.4	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141211	43004	228.5	0.97	3.1	0.4	326.2	0	0	84.1	84.6	23.7	23.5	0	0
141212	43004	228.5	0.965	3.1	0	326.2	0	0	84.1	84.6	23.7	23.5	0	0
141213	43000	228.5	0.96	3.1	-0.3	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141214	43004	228.5	0.965	3.1	-0.7	326.2	0	0	83.9	84.7	23.7	23.5	0	0
141215	43000	228.5	0.976	3.1	-0.7	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141216	43004	228.5	0.965	3.1	-0.7	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141217	43000	228.5	0.96	3.1	-0.3	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141218	43000	228.5	0.981	3.1	0	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141219	42996	228.5	0.981	3.1	0.4	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141220	43004	228.5	0.97	3.1	0.4	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141221	43000	228.5	0.965	3.1	0	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141222	43000	228.5	0.981	3.1	-0.7	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141223	42996	228.5	0.97	3.1	-1	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141224	42996	228.5	0.97	3.1	-0.7	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141225	42996	228.5	0.986	3.1	-0.3	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141226	43000	228.5	0.965	3.1	0	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141227	42996	228.5	0.976	3.1	0.4	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141228	42992	228.5	0.956	3.1	0.4	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141229	42996	228.5	0.949	3.1	0	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141230	42996	228.5	0.986	3.1	-0.3	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141231	42996	228.5	0.986	3.1	-1	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141232	42996	228.5	0.949	3.1	-1	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141233	43004	228.5	0.97	3.1	-0.7	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141234	42996	228	0.981	3.1	-0.3	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141235	43000	228.5	0.986	3.1	0.4	325.9	0	0	84.1	84.4	23.7	23.4	0	0
141236	43000	228.5	0.96	3.1	0.4	326.2	0	0	84.1	84.4	23.7	23.4	0	0
141237	42996	228.5	0.981	3.1	0.4	326.2	0	0	83.9	84.4	23.7	23.4	0	0
141238	42992	228.5	0.956	3.1	0	326.2	0	0	83.9	84.4	23.7	23.4	0	0
141239	43000	228.5	0.981	3.1	-0.3	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141240	42988	228.5	0.981	3.1	-0.7	326.2	0	0	83.9	84.6	23.7	23.4	0	0
141241	42988	228.5	0.935	3.1	-0.7	326.2	0	0	83.9	84.4	23.7	23.4	0	0
141242	42996	228.5	0.99	3.1	-0.7	325.9	0	0	83.9	84.4	23.7	23.4	0	0
141243	43000	228.5	1.006	3.1	-0.3	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141244	43000	228.5	0.974	3.1	0	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141245	42996	228.5	1.011	3.3	0.4	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141246	43000	228.5	1.002	3.3	0.4	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141247	42996	228.5	0.96	3.3	0	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141248	43000	228.5	0.986	3.3	-0.3	326.2	0	0	84.1	84.6	23.9	23.4	0	0
141249	42992	228.5	0.981	3.3	-0.7	326.2	0	0	84.1	84.6	23.9	23.4	0	0
141250	42996	228.5	0.986	3.3	-1	326.2	0	0	84.1	84.6	23.9	23.4	0	0
141251	42992	228.5	0.956	3.3	-0.7	326.2	0	0	84.1	84.6	23.9	23.4	0	0
141252	43004	228	0.97	3.3	-0.3	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141253	43000	228.5	0.935	3.1	0	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141254	43008	228	0.96	3.1	0.4	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141255	43004	228.5	0.944	3.1	0.4	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141256	43000	228	0.935	3.1	0	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141257	43004	228	0.965	3.1	-0.7	326.2	0	0	84.1	84.7	23.7	23.4	0	0
141258	43000	228	0.965	3.1	-1	326.2	0	0	84.1	84.7	23.7	23.4	0	0
141259	42996	228	0.965	3.1	-0.7	326.2	0	0	84.2	84.7	23.7	23.4	0	0
141260	42992	228.5	0.965	3.1	-0.3	326.2	0	0	84.2	84.7	23.7	23.4	0	0
141261	42992	228.5	0.97	3.1	0	326.2	0	0	83.9	84.7	23.7	23.4	0	0
141262	43004	228.5	0.983	3.1	0.4	326.2	0	0	83.9	84.7	23.7	23.4	0	0
141263	42992	228.5	1.008	3.3	0.4	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141264	43000	228.5	0.967	3.3	0	326.2	0	0	84.1	84.6	23.7	23.4	0	0
141265	43004	228.5	0.979	3.3	-0.3	326.2	0	0	84.1	84.7	23.7	23.4	0	0
141266	43004	228	0.979	3.3	-1	325.9	0	0	84.1	84.7	23.9	23.4	0	0
141267	43008	228	0.951	3.3	-1	325.9	0	0	84.1	84.7	23.9	23.4	0	0
141268	42992	228	0.951	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.4	0	0
141269	43000	228	0.951	3.1	0	325.9	0	0	84.1	84.6	23.9	23.4	0	0
141270	43000	228.5	0.965	3.1	0.4	325.9	0	0	84.1	84.6	23.9	23.4	0	0
141271	42996	228.5	0.965	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.4	0	0
141272	42996	228.5	0.956	3.1	0	325.9	0	0	84.2	84.7	23.9	23.4	0	0
141273	43004	228.5	0.956	3.1	-0.3	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141274	43000	228.5	0.981	2.9	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141275	43004	229	0.974	2.9	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141276	43000	228.5	0.96	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141277	42996	229	0.97	3.1	-0.3	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141278	42996	229	0.974	3.1	0.4	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141279	43000	229	0.988	3.1	0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141280	42992	229	0.967	3.1	0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0

141281	43000	228.5	0.992	3.1	0	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141282	42992	228.5	0.976	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141283	42996	229	0.976	3.1	-1	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141284	43000	228.5	0.972	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141285	42996	228.5	0.972	3.1	-0.3	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141286	42996	228.5	0.958	3.1	0	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141287	43004	228.5	0.951	3.1	0	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141288	43000	228.5	0.949	3.1	0.4	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141289	42996	228.5	0.944	3.1	0.4	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141290	43004	228.5	0.944	2.9	0.4	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141291	43000	228.5	0.981	2.9	-0.3	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141292	42992	228.5	0.94	2.9	-0.7	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141293	43000	228.5	0.956	2.9	-1	326.2	0	0	84.2	84.7	23.9	23.5	0	0
141294	43000	228.5	0.986	3.1	-1	326.2	0	0	84.2	84.7	23.9	23.5	0	0
141295	42992	228.5	0.974	3.1	-0.7	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141296	43000	228.5	0.988	3.1	0	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141297	43000	229	0.979	3.1	0.4	326.2	0	0	84.1	84.6	23.9	23.5	0	0
141298	42996	228.5	0.972	3.3	0.4	326.2	0	0	84.1	84.6	23.9	23.5	0	0
141299	42988	228.5	1.008	3.3	0	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141300	43000	228.5	0.979	3.3	-0.3	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141301	43008	229	0.979	3.3	-1	326.2	0	0	84.1	84.7	23.9	23.5	0	0
141302	42996	228.5	0.947	3.1	-1	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141303	43000	228.5	0.917	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141304	42992	228.5	0.979	3.1	0	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141305	43000	228.5	0.963	3.1	0.4	325.9	0	0	84.1	84.6	23.9	23.5	0	0
141306	43000	228.5	0.983	3.1	0.4	325.9	0	0	84.1	84.6	23.9	23.5	0	0
141307	43008	228	0.983	3.1	0.4	325.9	0	0	84.1	84.7	23.9	23.4	0	0
141308	43004	228	0.958	3.1	0.4	326.2	0	0	84.1	84.7	23.9	23.4	0	0
141309	43008	228	0.958	3.1	0.4	326.2	0	0	84.2	84.6	23.9	23.4	0	0
141310	43004	228	0.967	3.1	0	326.2	0	0	84.2	84.6	23.9	23.4	0	0
141311	42996	228	0.958	3.1	-0.7	326.2	0	0	84.1	84.7	23.9	23.4	0	0
141312	42996	228.5	0.947	3.1	-1.4	326.2	0	0	84.1	84.7	23.9	23.4	0	0
141313	43000	228.5	0.972	2.9	-1	325.9	0	0	84.1	84.7	23.9	23.4	0	0
141314	43000	228.5	0.974	3.1	-0.3	325.9	0	0	84.1	84.7	23.9	23.4	0	0
141315	42992	229	0.974	3.1	0	325.9	0	0	84.1	84.6	23.9	23.4	0	0
141316	43004	228.5	1.015	3.1	0.4	325.9	0	0	84.1	84.6	23.9	23.4	0	0
141317	43000	229	1.006	3.3	0.4	326.2	0	0	84.1	84.6	23.9	23.4	0	0
141318	42996	228.5	0.974	3.3	0	326.2	0	0	84.1	84.6	23.9	23.4	0	0
141319	42992	228.5	0.96	3.3	-0.3	326.2	0	0	84.1	84.7	23.9	23.4	0	0
141320	42996	228.5	0.96	3.3	-0.3	326.2	0	0	84.1	84.7	23.9	23.4	0	0
141321	43004	228.5	0.96	3.3	-0.7	326.2	0	0	84.1	84.7	23.9	23.4	0	0
141322	42996	228.5	0.947	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.4	0	0
141323	42996	228.5	0.951	3.1	-0.3	325.9	0	0	84.2	84.9	23.9	23.5	0	0
141324	42996	228.5	0.958	3.1	0	325.9	0	0	84.2	84.9	23.9	23.5	0	0
141325	42988	228.5	0.967	3.1	0.4	326.2	0	0	84.1	84.9	23.9	23.5	0	0
141326	42996	228.5	0.979	3.1	0.7	326.2	0	0	84.1	84.9	23.9	23.5	0	0
141327	43000	228.5	0.963	3.1	0	326.2	0	0	84.2	84.7	23.9	23.5	0	0
141328	43000	228.5	0.992	3.1	-0.3	326.2	0	0	84.2	84.7	23.9	23.5	0	0
141329	42992	228.5	0.972	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141330	42992	228.5	0.992	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141331	43004	229	0.976	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141332	43000	229	0.981	3.1	-0.3	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141333	43000	229	1.002	3.1	0	325.9	0	0	84.1	84.9	23.9	23.6	0	0
141334	43000	229	0.99	3.1	0.7	325.9	0	0	84.1	84.9	23.9	23.6	0	0
141335	42996	229	0.995	3.3	0.7	325.9	0	0	84.2	84.7	23.9	23.6	0	0
141336	43000	229	0.965	3.3	0.4	325.9	0	0	84.2	84.7	23.9	23.6	0	0
141337	43000	229	0.981	3.3	-0.3	325.9	0	0	84.2	84.7	23.9	23.6	0	0
141338	43004	229	0.981	3.3	-0.7	325.9	0	0	84.2	84.7	23.9	23.6	0	0
141339	43004	229	0.944	3.1	-1	325.9	0	0	84.1	84.9	23.9	23.6	0	0
141340	43000	229	0.96	3.1	-0.7	325.9	0	0	84.1	84.9	23.9	23.6	0	0
141341	42996	228.5	0.97	3.1	-0.3	325.9	0	0	84.2	84.9	23.9	23.6	0	0
141342	42996	228.5	0.974	3.1	0	325.9	0	0	84.2	84.9	23.9	23.6	0	0
141343	42996	228.5	0.97	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.6	0	0
141344	42996	228.5	0.965	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.6	0	0
141345	43000	228.5	0.956	3.1	0.4	325.9	0	0	84.1	84.9	23.9	23.6	0	0
141346	43004	228.5	0.974	3.1	0	325.9	0	0	84.1	84.9	23.9	23.6	0	0
141347	42996	228.5	0.981	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.6	0	0
141348	42996	229	0.99	3.1	-1	325.9	0	0	84.2	84.7	23.9	23.6	0	0
141349	43000	229	0.99	3.1	-0.7	325.9	0	0	84.1	84.9	23.9	23.5	0	0
141350	42992	229	1.002	3.1	-0.3	325.9	0	0	84.1	84.9	23.9	23.5	0	0
141351	43008	229	0.99	3.1	0	325.9	0	0	84.1	84.7	23.9	23.5	0	0

141352	42988	229	0.99	3.3	0.4	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141353	43000	229	0.99	3.3	0.4	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141354	42992	229	0.986	3.3	0	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141355	43004	229	0.976	3.3	-0.3	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141356	43000	229	0.981	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141357	42996	229	0.96	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141358	42996	229	0.96	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141359	42996	229	0.965	3.1	-0.3	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141360	42996	229	0.976	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141361	42996	229	0.96	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141362	42996	229	0.96	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141363	43004	229	0.97	3.1	0	325.9	0	0	84.2	84.6	23.9	23.5	0	0
141364	43004	229	0.956	3.1	-0.3	325.9	0	0	84.2	84.6	23.9	23.5	0	0
141365	43004	229	0.976	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141366	42996	229	0.953	3.1	-1	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141367	43000	229	0.958	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141368	43000	229	0.974	3.1	-0.3	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141369	43000	229	0.983	3.1	0	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141370	43000	229	0.988	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141371	43000	229	0.983	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141372	42992	229	0.963	3.1	0	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141373	43000	229	0.974	3.1	-0.3	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141374	42996	228.5	0.983	3.3	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141375	43000	229	0.967	3.1	-1	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141376	42992	229	0.937	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141377	42996	229	0.942	3.1	0	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141378	42996	229	0.947	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141379	42988	229	0.974	3.1	0.4	325.9	0	0	84.1	84.6	23.9	23.5	0	0
141380	42996	229.5	0.992	3.1	0.4	325.9	0	0	84.1	84.6	23.9	23.5	0	0
141381	43000	229.5	0.974	3.1	0	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141382	42996	229.5	0.988	3.1	-0.3	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141383	42996	229.5	0.965	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141384	43004	229.5	1.002	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141385	43008	229.5	1.002	3.1	-0.3	325.9	0	0	84.2	84.6	23.9	23.5	0	0
141386	42988	229.5	0.995	3.1	0	325.9	0	0	84.2	84.6	23.9	23.5	0	0
141387	42992	229.5	0.981	3.1	0.4	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141388	43000	229.5	0.99	3.3	0.4	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141389	43000	229.5	0.97	3.3	0	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141390	43004	229.5	0.949	3.3	-0.3	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141391	42992	229.5	0.99	3.3	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141392	43008	229.5	0.958	3.1	-0.7	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141393	43004	229	0.928	3.1	-0.7	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141394	43004	229	0.958	3.1	-0.3	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141395	42996	229	0.974	3.1	0	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141396	43008	229	0.979	3.1	0.4	325.9	0	0	84.1	84.7	23.9	23.5	0	0
141397	43000	229	0.942	3.1	0.4	325.9	0	0	84.2	84.7	23.9	23.5	0	0
141398	43004	229	0.967	3.1	0.4	325.9	0	0	84.2	84.7	23.7	23.5	0	0
141399	42996	229	0.974	3.1	0	325.9	0	0	84.2	84.6	23.7	23.5	0	0
141400	43000	229	0.983	2.9	-0.3	325.9	0	0	84.2	84.6	23.7	23.5	0	0
141401	42992	229	0.979	3.1	-0.7	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141402	43004	229	0.992	3.1	-0.7	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141403	43004	229	0.958	3.1	-0.7	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141404	43000	229	0.999	3.1	0	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141405	43008	229.5	0.979	3.1	0.4	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141406	43000	229	0.958	3.1	0.4	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141407	42992	229	0.983	3.3	0.4	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141408	43008	229	0.992	3.3	0	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141409	42996	229	0.988	3.1	-0.7	325.9	0	0	83.9	84.6	23.7	23.4	0	0
141410	43004	229	0.988	3.1	-0.7	325.9	0	0	83.9	84.6	23.7	23.4	0	0
141411	42996	229	0.951	3.1	-0.7	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141412	42992	229	0.972	3.1	-0.3	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141413	43012	229	0.967	3.1	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141414	42992	229	0.979	3.1	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141415	43000	229	0.963	3.1	0.4	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141416	43000	229	0.963	3.1	0	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141417	42996	229	0.963	3.1	0	325.9	0	0	84.1	84.4	23.7	23.4	0	0
141418	42996	229	0.963	3.1	-0.3	325.9	0	0	84.1	84.4	23.7	23.4	0	0
141419	43004	229	0.967	3.1	-0.3	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141420	43004	228.5	0.979	3.1	-0.7	325.9	0	0	84.1	84.6	23.7	23.4	0	0
141421	43000	228.5	0.983	3.1	-0.7	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141422	42996	229	0.953	3.1	-0.7	325.5	0	0	84.1	84.6	23.7	23.4	0	0

141423	43004	228.5	0.963	3.1	-0.7	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141424	43008	228.5	0.967	3.1	-0.3	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141425	42996	228.5	0.953	3.1	0.4	325.5	0	0	84.1	84.4	23.7	23.4	0	0
141426	42996	228.5	0.97	3.1	0.4	325.5	0	0	84.1	84.4	23.7	23.4	0	0
141427	43008	228	0.965	3.1	0.4	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141428	43008	228.5	0.965	3.1	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141429	43000	228	0.956	3.1	-0.3	325.5	0	0	83.9	84.4	23.7	23.4	0	0
141430	43004	228.5	0.97	2.9	-0.7	325.5	0	0	83.9	84.4	23.7	23.4	0	0
141431	43000	228.5	0.956	2.9	-0.7	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141432	43000	228.5	0.97	2.9	-0.7	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141433	43000	228.5	0.956	2.9	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141434	43004	228.5	0.974	2.9	0.4	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141435	43000	228.5	0.974	3.1	0.4	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141436	43000	228.5	0.99	3.1	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141437	42992	228.5	1.002	3.1	-0.7	325.5	0	0	83.9	84.6	23.7	23.4	0	0
141438	42996	228.5	1.002	3.1	-1	325.2	0	0	83.9	84.6	23.7	23.4	0	0
141439	42988	228.5	0.986	3.3	-0.7	325.2	0	0	83.9	84.6	23.7	23.4	0	0
141440	42996	228.5	1.006	3.3	-0.3	325.2	0	0	83.9	84.6	23.7	23.4	0	0
141441	42996	228.5	0.981	3.3	0	325.2	0	0	84.1	84.6	23.7	23.4	0	0
141442	42996	228.5	0.956	3.1	0.4	325.2	0	0	84.1	84.6	23.7	23.4	0	0
141443	42996	228.5	0.965	3.1	0.4	325.2	0	0	83.9	84.6	23.7	23.4	0	0
141444	43000	228.5	0.956	3.1	0	325.2	0	0	83.9	84.6	23.7	23.4	0	0
141445	43000	228.5	0.974	3.1	-0.7	325.2	0	0	83.9	84.7	23.7	23.5	0	0
141446	42992	228.5	0.96	3.1	-1	325.2	0	0	83.9	84.7	23.7	23.5	0	0
141447	42988	228.5	0.965	3.1	-1	325.2	0	0	84.1	84.6	23.7	23.5	0	0
141448	42992	228.5	0.956	3.1	-0.3	325.2	0	0	84.1	84.6	23.7	23.5	0	0
141449	42996	228.5	0.974	3.1	0	325.2	0	0	84.1	84.6	23.7	23.5	0	0
141450	42996	228.5	0.99	3.1	0.4	325.5	0	0	84.1	84.6	23.7	23.5	0	0
141451	43000	228.5	0.981	3.1	0.4	325.5	0	0	84.1	84.6	23.7	23.5	0	0
141452	42988	228.5	0.979	3.3	0	325.5	0	0	84.1	84.6	23.7	23.5	0	0
141453	42992	228.5	0.963	3.3	-0.3	325.5	0	0	84.1	84.6	23.7	23.5	0	0
141454	42996	228.5	0.972	3.3	-0.7	325.5	0	0	84.1	84.6	23.7	23.5	0	0
141455	42996	228.5	0.992	3.3	-0.7	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141456	42992	228.5	0.988	3.3	-0.7	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141457	42996	228.5	0.983	3.3	-0.3	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141458	42996	229	0.963	3.3	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141459	43000	229	0.958	3.3	0.4	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141460	42996	229	0.963	3.3	0.4	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141461	42996	229	0.986	3.3	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141462	43000	229	0.981	3.1	-0.3	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141463	43000	229	0.981	3.1	-0.7	325.5	0	0	84.2	84.6	23.7	23.4	0	0
141464	43000	229	0.965	3.1	-1	325.5	0	0	84.2	84.6	23.7	23.4	0	0
141465	42992	229	0.986	3.1	-0.7	325.5	0	0	84.2	84.7	23.7	23.4	0	0
141466	42992	229.5	0.99	3.1	-0.3	325.5	0	0	84.2	84.7	23.7	23.4	0	0
141467	43004	229.5	0.986	3.1	0	325.5	0	0	84.1	84.7	23.7	23.5	0	0
141468	42992	229.5	0.965	3.1	0.4	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141469	42996	229.5	0.956	3.1	0.4	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141470	43000	230	0.99	3.1	0	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141471	43000	230	0.99	3.1	0	325.5	0	0	84.2	84.7	23.9	23.5	0	0
141472	43000	230	0.986	3.1	-0.3	325.5	0	0	84.2	84.7	23.9	23.5	0	0
141473	42992	230	0.974	3.1	-0.7	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141474	42988	230	0.995	3.1	-0.7	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141475	43004	230	0.974	3.1	-0.7	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141476	43000	230	0.965	3.1	-0.3	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141477	43000	230	0.981	3.1	0.4	325.5	0	0	84.2	84.7	23.9	23.5	0	0
141478	43004	229.5	0.979	3.1	0.7	325.5	0	0	84.2	84.7	23.9	23.5	0	0
141479	43004	229.5	0.951	3.1	0.7	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141480	43000	230	0.963	3.1	0	325.5	0	0	84.1	84.7	23.9	23.5	0	0
141481	43008	230	0.972	3.1	-0.3	325.5	0	0	84.2	84.7	23.9	23.5	0	0
141482	43004	230	0.972	2.9	-0.7	325.5	0	0	84.2	84.7	23.9	23.5	0	0
141483	43000	230	0.958	2.9	-0.7	325.5	0	0	84.1	84.6	23.9	23.5	0	0
141484	43008	230	0.988	2.9	-0.7	325.5	0	0	84.1	84.6	23.9	23.5	0	0
141485	43000	230	0.972	2.9	0	325.5	0	0	84.1	84.6	23.9	23.5	0	0
141486	43004	230.5	0.988	3.1	0.4	325.5	0	0	84.1	84.6	23.9	23.5	0	0
141487	43004	230.5	0.979	3.1	0.4	325.5	0	0	84.1	84.6	23.9	23.5	0	0
141488	43004	230.5	0.979	3.1	0.4	325.5	0	0	84.1	84.6	23.9	23.5	0	0
141489	42992	230.5	0.967	3.1	-0.3	325.5	0	0	84.1	84.6	23.9	23.5	0	0
141490	43004	230	0.983	3.1	-0.7	325.5	0	0	84.1	84.6	23.9	23.5	0	0
141491	43004	230.5	0.983	3.1	-0.7	325.5	0	0	84.2	84.6	23.9	23.4	0	0
141492	43000	230	0.988	3.1	-0.7	325.5	0	0	84.2	84.6	23.9	23.4	0	0
141493	42996	230	0.953	3.1	-0.3	325.5	0	0	84.1	84.6	23.9	23.4	0	0

141494	42996	230	0.979	3.1	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141495	43000	230	0.974	3.1	0.4	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141496	43000	230	0.967	3.1	0.4	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141497	43004	230	0.947	3.1	0	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141498	43000	230	0.967	3.1	-0.3	325.5	0	0	84.1	84.6	23.7	23.4	0	0
141499	43004	230	0.963	3.1	-0.7	325.5	0	0	83.9	84.6	23.7	23.4	0	0
141500	42996	230	0.958	3.1	-0.7	325.5	0	0	83.9	84.6	23.7	23.4	0	0
141501	42996	229.5	0.958	2.9	-0.7	325.5	0	0	83.9	84.6	23.7	23.4	0	0
141502	42996	229.5	0.967	3.1	-0.3	325.5	0	0	83.9	84.6	23.7	23.4	0	0
141503	43000	230	0.979	3.1	0	325.5	0	0	83.9	84.6	23.7	23.4	0	0
141504	42992	229.5	0.988	3.1	0.4	325.5	0	0	83.9	84.6	23.6	23.4	0	0
141505	43000	230	0.983	3.1	0.4	325.5	0	0	83.9	84.6	23.6	23.4	0	0
141506	43000	229.5	0.974	3.1	0	325.5	0	0	83.9	84.6	23.6	23.4	0	0
141507	43000	230	0.974	3.1	-0.3	325.5	0	0	83.9	84.6	23.6	23.4	0	0
141508	42996	229.5	0.967	3.1	-0.7	325.5	0	0	83.9	84.6	23.6	23.4	0	0
141509	43004	229.5	0.979	3.1	-0.7	325.5	0	0	83.9	84.6	23.6	23.4	0	0
141510	42992	229.5	0.974	3.1	-0.3	325.5	0	0	83.9	84.6	23.6	23.4	0	0
141511	43008	229.5	0.974	3.1	0	325.2	0	0	83.8	84.4	23.6	23.4	0	0
141512	42992	229.5	0.974	3.1	0	325.5	0	0	83.8	84.4	23.6	23.4	0	0
141513	43000	229.5	0.974	3.3	0.4	325.5	0	0	83.8	84.4	23.6	23.4	0	0
141514	43004	229.5	0.979	3.3	0.4	325.5	0	0	83.8	84.4	23.6	23.4	0	0
141515	42996	229.5	0.953	3.1	0	325.5	0	0	83.9	84.4	23.6	23.4	0	0
141516	42992	229	0.958	3.1	0	325.5	0	0	83.9	84.4	23.6	23.4	0	0
141517	43000	229.5	0.979	3.1	-0.3	325.5	0	0	83.8	84.6	23.6	23.4	0	0
141518	42996	229.5	0.947	3.1	-0.7	325.5	0	0	83.8	84.6	23.6	23.4	0	0
141519	43004	229.5	0.953	3.1	-1	325.5	0	0	83.8	84.6	23.6	23.4	0	0
141520	42988	229.5	0.953	3.1	-1	325.2	0	0	83.8	84.6	23.6	23.4	0	0
141521	43000	230	0.974	3.1	-0.7	325.2	0	0	83.9	84.4	23.6	23.4	0	0
141522	43008	230	0.986	3.1	-0.3	325.2	0	0	83.9	84.4	23.6	23.4	0	0
141523	43000	230	0.97	3.1	0	325.2	0	0	83.8	84.4	23.6	23.3	0	0
141524	43000	230	0.995	3.1	0.4	325.2	0	0	83.8	84.4	23.6	23.3	0	0
141525	42996	230	0.986	3.1	0.4	325.2	0	0	83.8	84.4	23.6	23.3	0	0
141526	42992	230	0.995	3.1	0	325.2	0	0	83.8	84.4	23.6	23.3	0	0
141527	42992	230	1.002	3.1	-0.7	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141528	42984	230.5	0.965	3.1	-0.7	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141529	43000	230.5	0.976	3.1	-0.7	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141530	43004	230.5	0.953	3.1	-0.3	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141531	42996	230.5	0.999	3.1	0.4	325.5	0	0	83.8	84.4	23.6	23.3	0	0
141532	43004	230.5	0.947	3.1	0.4	325.5	0	0	83.8	84.4	23.6	23.3	0	0
141533	42996	231	0.958	3.3	0.4	325.5	0	0	83.8	84.2	23.6	23.3	0	0
141534	42996	230.5	0.967	3.1	0	325.5	0	0	83.8	84.2	23.6	23.3	0	0
141535	43008	230.5	0.963	3.1	0	325.5	0	0	83.8	84.4	23.6	23.3	0	0
141536	43000	230.5	0.947	3.1	-0.3	325.5	0	0	83.8	84.4	23.6	23.3	0	0
141537	43004	230.5	0.979	3.1	-0.3	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141538	43000	230.5	0.963	3.1	-0.7	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141539	43004	230.5	0.949	3.1	-1	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141540	42996	230.5	0.96	2.9	-1	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141541	42996	230.5	0.965	2.9	-0.7	325.2	0	0	83.9	84.4	23.6	23.3	0	0
141542	43000	231	0.981	2.9	-0.3	325.2	0	0	83.9	84.4	23.6	23.3	0	0
141543	42996	231	0.944	2.9	0	325.5	0	0	83.9	84.2	23.6	23.3	0	0
141544	42996	231	0.949	2.9	0.4	325.5	0	0	83.9	84.2	23.6	23.3	0	0
141545	43000	231	1.011	3.1	0.4	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141546	42996	231	1.011	3.1	0	325.5	0	0	83.9	84.4	23.6	23.3	0	0
141547	43000	231	0.986	3.1	-0.3	325.5	0	0	83.8	84.4	23.6	23.3	0	0
141548	42988	231	0.963	3.1	-1	325.5	0	0	83.8	84.4	23.6	23.3	0	0
141549	43000	231	0.953	3.1	-1	325.5	0	0	83.8	84.2	23.6	23.1	0	0
141550	42996	231	0.967	3.1	-0.7	325.5	0	0	83.8	84.2	23.6	23.1	0	0
141551	42996	231.5	0.979	3.1	-0.3	325.5	0	0	83.8	84.2	23.6	23.1	0	0
141552	43000	231.5	0.953	3.1	0	325.5	0	0	83.8	84.2	23.6	23.1	0	0
141553	43004	231	0.963	3.1	0.4	325.5	0	0	83.8	84.2	23.6	23.1	0	0
141554	43000	231	0.967	3.1	0.7	325.5	0	0	83.8	84.2	23.5	23.1	0	0
141555	43008	231	0.974	2.9	0.4	325.5	0	0	83.8	84.2	23.5	23	0	0
141556	43000	231	0.96	2.9	-0.3	325.5	0	0	83.8	84.2	23.5	23	0	0
141557	43012	231	0.97	2.9	-1	325.5	0	0	83.8	84.2	23.5	23	0	0
141558	43008	231	0.965	2.9	-1	325.5	0	0	83.8	84.2	23.5	23	0	0
141559	43008	230.5	0.956	2.9	-0.7	325.5	0	0	83.6	84.2	23.5	23	0	0
141560	42996	230.5	0.965	2.9	-0.3	325.2	0	0	83.6	84.2	23.4	23	0	0
141561	43000	230.5	0.97	2.9	0	325.2	0	0	83.6	84.1	23.4	23	0	0
141562	43012	230.5	0.976	2.9	0.4	325.5	0	0	83.6	84.1	23.4	23	0	0
141563	43000	231	0.965	2.9	0.4	325.5	0	0	83.6	84.1	23.4	23	0	0
141564	43004	230.5	0.99	3.1	0	325.5	0	0	83.6	84.1	23.4	23	0	0

141565	43004	230.5	1.002	3.1	-0.3	325.5	0	0	83.4	84.1	23.4	23	0	0
141566	43000	231	1.002	3.1	-0.3	325.5	0	0	83.4	84.1	23.3	23	0	0
141567	42996	230.5	0.99	3.1	-0.7	325.5	0	0	83.6	84.2	23.3	23	0	0
141568	43000	230.5	0.99	3.1	-0.7	325.5	0	0	83.6	84.2	23.3	23	0	0
141569	43004	230.5	0.995	3.1	-0.3	325.2	0	0	83.4	84.2	23.3	23	0	0
141570	42996	230.5	0.965	3.1	0	325.2	0	0	83.4	84.2	23.3	23	0	0
141571	42992	230.5	0.986	3.1	0.4	325.2	0	0	83.4	84.2	23.3	23	0	0
141572	42996	230.5	0.965	3.1	0.4	325.5	0	0	83.4	84.2	23.3	23	0	0
141573	42996	230	0.949	3.1	0.4	325.5	0	0	83.4	84.1	23.3	23	0	0
141574	42992	230	0.965	3.1	0	325.5	0	0	83.4	84.1	23.3	23	0	0
141575	42996	230	0.965	3.1	-0.3	325.5	0	0	83.6	83.9	23.3	23	0	0
141576	42996	230	0.981	2.9	-1	325.5	0	0	83.6	83.9	23.3	23	0	0
141577	42996	230.5	0.97	2.9	-1	325.5	0	0	83.4	84.1	23.3	23	0	0
141578	42992	230.5	0.96	2.9	-0.7	325.5	0	0	83.4	84.1	23.3	23	0	0
141579	43000	230.5	0.981	2.9	0.4	325.5	0	0	83.4	84.1	23.3	22.9	0	0
141580	43004	230.5	0.986	2.9	0.7	325.5	0	0	83.4	84.1	23.3	22.9	0	0
141581	42996	230.5	0.986	2.9	0.7	325.5	0	0	83.4	83.9	23.3	22.8	0	0
141582	43000	230.5	0.981	3.1	0	325.5	0	0	83.4	83.9	23.3	22.8	0	0
141583	42992	230.5	0.974	3.1	-0.3	325.5	0	0	83.4	83.9	23.3	22.8	0	0
141584	43004	230.5	0.974	3.1	-0.7	325.5	0	0	83.4	83.9	23.1	22.8	0	0
141585	43004	230	0.981	3.1	-0.7	325.5	0	0	83.4	83.8	23.1	22.8	0	0
141586	43000	230	0.981	3.1	-0.3	325.5	0	0	83.4	83.8	23.1	22.8	0	0
141587	43004	230	0.97	3.1	0	325.5	0	0	83.4	83.8	23.1	22.7	0	0
141588	43000	230	0.981	3.1	0.4	325.5	0	0	83.4	83.8	23.1	22.7	0	0
141589	43000	230	0.97	3.1	0.4	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141590	43008	230	0.956	3.1	0	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141591	43008	230	0.956	3.1	-0.3	325.5	0	0	83.4	83.8	23.1	22.6	0	0
141592	42996	230	0.956	2.9	-1	325.5	0	0	83.4	83.8	23.1	22.6	0	0
141593	42996	229.5	0.94	2.9	-1	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141594	42996	230	0.956	2.9	-0.7	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141595	43000	230	0.981	2.9	-0.3	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141596	43008	230	0.974	2.9	0	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141597	42996	230	0.981	3.1	0.4	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141598	42996	230	0.995	3.1	0	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141599	43000	230	0.995	3.1	0	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141600	43008	230	0.97	3.1	-0.3	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141601	42992	230	0.97	3.1	-0.7	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141602	42996	230	0.986	3.1	-1	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141603	43004	230	0.97	3.1	-1	325.5	0	0	83.4	83.8	23.1	22.6	0	0
141604	42992	229.5	1.002	3.1	-0.3	325.5	0	0	83.4	83.8	23.1	22.6	0	0
141605	43004	229.5	0.956	3.1	0	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141606	43004	229.5	0.986	3.1	0.4	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141607	43004	229.5	0.96	3.1	0.4	325.5	0	0	83.4	83.6	23.1	22.4	0	0
141608	43004	229.5	0.944	3.1	0	325.5	0	0	83.4	83.6	23.1	22.4	0	0
141609	43000	229.5	0.986	3.1	-0.3	325.5	0	0	83.4	83.6	23.1	22.4	0	0
141610	43000	229.5	0.986	2.9	-0.7	325.5	0	0	83.4	83.6	23.1	22.4	0	0
141611	42996	229.5	0.976	2.9	-0.7	325.5	0	0	83.4	83.6	23.1	22.4	0	0
141612	42996	229.5	0.97	2.9	-0.7	325.5	0	0	83.4	83.6	23.1	22.4	0	0
141613	43000	229.5	0.965	2.9	-0.3	325.5	0	0	83.4	83.8	23.1	22.4	0	0
141614	42996	229.5	0.981	3.1	0	325.5	0	0	83.4	83.8	23.1	22.4	0	0
141615	42992	229.5	0.976	3.1	0.4	325.5	0	0	83.4	83.8	23.1	22.4	0	0
141616	42996	230	0.981	3.1	0.4	325.5	0	0	83.4	83.8	23.1	22.4	0	0
141617	43000	229.5	0.983	3.1	0	325.5	0	0	83.4	83.8	23.1	22.4	0	0
141618	42992	229.5	0.967	3.1	-0.7	325.5	0	0	83.4	83.8	23.1	22.4	0	0
141619	43000	229.5	0.983	3.1	-1	325.5	0	0	83.4	83.8	23.1	22.4	0	0
141620	43008	229	0.963	3.1	-1	325.5	0	0	83.4	83.8	23.1	22.4	0	0
141621	42996	229	0.937	3.1	-0.7	325.5	0	0	83.3	83.8	23.1	22.6	0	0
141622	42992	229	0.937	3.1	-0.7	325.5	0	0	83.3	83.8	23.1	22.6	0	0
141623	43000	229.5	0.933	3.1	0	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141624	43008	229	0.933	3.1	0	325.5	0	0	83.4	83.6	23.1	22.6	0	0
141625	43000	229	0.958	2.9	0.4	325.5	0	0	83.3	83.8	23.1	22.6	0	0
141626	42992	229	0.947	2.9	0	325.5	0	0	83.3	83.8	23	22.6	0	0
141627	42996	229	0.958	2.9	0	325.5	0	0	83.3	83.8	23	22.6	0	0
141628	43004	229	0.967	2.9	-0.3	325.5	0	0	83.3	83.8	23	22.6	0	0
141629	43000	229	0.967	2.9	-1	325.5	0	0	83.4	83.8	23	22.6	0	0
141630	43004	229	0.988	3.1	-1	325.5	0	0	83.4	83.8	23	22.6	0	0
141631	42996	229	0.999	3.1	-0.7	325.5	0	0	83.4	83.8	23	22.6	0	0
141632	43004	229	0.999	3.1	0	325.5	0	0	83.4	83.8	23	22.6	0	0
141633	42996	229	0.958	3.1	0.7	325.5	0	0	83.3	83.8	23	22.6	0	0
141634	42992	229	0.963	3.1	0.7	325.5	0	0	83.3	83.8	23	22.6	0	0
141635	43004	229	0.983	3.1	0.4	325.5	0	0	83.3	83.9	23	22.6	0	0

141636	42996	229	0.963	3.1	-0.3	325.5	0	0	83.3	83.9	23	22.6	0	0
141637	43000	229	0.983	3.1	-0.7	325.5	0	0	83.3	83.8	23	22.6	0	0
141638	42996	229.5	0.951	2.9	-0.7	325.5	0	0	83.3	83.8	23	22.6	0	0
141639	42996	229.5	0.963	2.9	-0.3	325.5	0	0	83.3	83.8	23	22.7	0	0
141640	43000	229.5	0.983	2.9	-0.3	325.5	0	0	83.3	83.8	23	22.7	0	0
141641	43004	229.5	0.979	2.9	0	325.5	0	0	83.4	83.9	23	22.7	0	0
141642	43004	229.5	0.992	2.9	0	325.5	0	0	83.4	83.9	23	22.7	0	0
141643	42996	229.5	0.999	3.1	0.4	325.5	0	0	83.3	83.9	23	22.7	0	0
141644	42992	229.5	0.988	3.1	0.4	325.5	0	0	83.3	83.9	23	22.7	0	0
141645	43008	229.5	0.958	3.1	0.4	325.5	0	0	83.4	83.8	23	22.7	0	0
141646	43000	229.5	0.953	3.1	-0.3	325.5	0	0	83.4	83.8	23	22.7	0	0
141647	43000	229.5	0.958	3.1	-0.7	325.5	0	0	83.4	83.9	23	22.7	0	0
141648	43008	229.5	0.958	3.1	-1	325.5	0	0	83.4	83.9	23	22.7	0	0
141649	42996	229	0.967	3.1	-1	325.5	0	0	83.3	83.9	23	22.7	0	0
141650	43000	229	0.979	3.1	-0.7	325.2	0	0	83.3	83.9	23	22.7	0	0
141651	43008	229	0.958	3.1	-0.3	325.2	0	0	83.4	83.9	23	22.7	0	0
141652	43004	228.5	0.965	3.1	0.4	325.5	0	0	83.4	83.9	23	22.7	0	0
141653	42996	229	0.981	3.1	0.4	325.5	0	0	83.4	83.9	23	22.7	0	0
141654	43004	228.5	0.965	3.1	0.4	325.5	0	0	83.4	83.9	23	22.7	0	0
141655	42996	228.5	0.965	3.1	-0.3	325.5	0	0	83.4	83.9	23	22.7	0	0
141656	42992	228.5	0.949	3.1	-0.7	325.5	0	0	83.4	83.9	23	22.7	0	0
141657	43000	228.5	0.96	3.1	-1	325.5	0	0	83.3	83.9	23	22.7	0	0
141658	43000	229	0.97	3.1	-0.7	325.5	0	0	83.3	83.9	23	22.7	0	0
141659	42992	228.5	0.965	3.1	-0.3	325.2	0	0	83.3	83.8	23	22.7	0	0
141660	42996	228.5	0.988	3.1	0	325.2	0	0	83.3	83.8	23	22.7	0	0
141661	43000	228.5	0.983	3.1	0	325.2	0	0	83.4	83.9	23	22.7	0	0
141662	42996	228.5	0.988	3.1	0.4	325.5	0	0	83.4	83.9	23	22.7	0	0
141663	42996	228.5	0.992	3.1	0	325.5	0	0	83.3	83.9	23	22.7	0	0
141664	42996	228	0.983	3.3	-0.3	325.5	0	0	83.3	83.9	23	22.7	0	0
141665	42996	228.5	0.974	3.3	-0.7	325.5	0	0	83.4	83.9	23	22.7	0	0
141666	42992	228.5	0.967	3.3	-0.7	325.5	0	0	83.4	83.9	23	22.7	0	0
141667	43000	228.5	0.983	3.1	-0.3	325.2	0	0	83.3	83.9	23	22.7	0	0
141668	42996	228	0.983	3.1	-0.3	325.2	0	0	83.3	83.9	23	22.7	0	0
141669	43004	228	0.94	3.1	0	325.2	0	0	83.4	83.9	23	22.7	0	0
141670	42996	228	0.949	3.1	0	325.2	0	0	83.4	83.9	23	22.7	0	0
141671	43012	228	0.965	3.1	0.4	325.5	0	0	83.4	83.9	23	22.7	0	0
141672	43000	228	0.956	3.1	0.4	325.5	0	0	83.4	83.9	23	22.7	0	0
141673	43004	228	0.956	3.1	0	325.5	0	0	83.4	83.9	23	22.7	0	0
141674	43004	228	0.986	3.1	-0.3	325.5	0	0	83.4	83.9	23	22.7	0	0
141675	43000	228	0.956	2.9	-0.7	325.2	0	0	83.4	83.9	23	22.7	0	0
141676	42996	228	0.96	2.9	-0.7	325.2	0	0	83.4	83.9	23	22.7	0	0
141677	42992	228	0.981	2.9	-1	325.2	0	0	83.4	83.9	23	22.7	0	0
141678	43000	228	0.979	2.9	-0.7	325.2	0	0	83.4	83.9	23	22.7	0	0
141679	42996	228	0.979	3.1	-0.3	325.2	0	0	83.6	83.9	23	22.7	0	0
141680	43004	228	0.988	3.1	0	325.2	0	0	83.6	83.9	23	22.7	0	0
141681	42996	227.5	0.958	3.1	0.4	325.2	0	0	83.4	83.9	23	22.7	0	0
141682	43004	227.5	0.979	3.1	0.4	325.2	0	0	83.4	83.9	23	22.7	0	0
141683	42996	227.5	0.967	3.3	0.4	325.5	0	0	83.4	83.9	23	22.7	0	0
141684	43000	227.5	0.967	3.1	-0.3	325.5	0	0	83.4	83.9	23.1	22.7	0	0
141685	42996	228	0.983	3.1	-0.3	325.5	0	0	83.4	83.9	23.1	22.7	0	0
141686	43000	228	0.949	3.1	-0.7	325.2	0	0	83.4	83.9	23.1	22.7	0	0
141687	42996	228	0.97	3.1	-1	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141688	42996	228	0.986	3.1	-0.7	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141689	43000	228	0.976	3.1	-0.7	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141690	43004	228	0.981	3.1	-0.3	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141691	43004	228	0.986	3.1	-0.3	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141692	43004	228	0.995	3.1	0	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141693	42996	228	0.976	3.1	0.4	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141694	42996	228	1.002	3.3	0.4	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141695	42996	228	0.949	3.3	0	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141696	42992	228	0.986	3.3	-0.3	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141697	42996	228	0.949	3.3	-0.7	325.2	0	0	83.6	83.9	23.1	22.7	0	0
141698	42992	228	0.995	3.3	-1	325.2	0	0	83.6	83.9	23.3	22.7	0	0
141699	43008	228	0.986	3.3	-0.7	325.2	0	0	83.6	84.1	23.3	22.7	0	0
141700	43008	228	0.974	3.1	-0.3	325.2	0	0	83.6	84.1	23.3	22.7	0	0
141701	43000	228	0.965	3.1	0	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141702	43000	228	0.965	3.1	0.4	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141703	43004	228	0.949	3.1	0	325.2	0	0	83.8	83.9	23.3	22.7	0	0
141704	43000	228	0.979	3.1	-0.3	325.2	0	0	83.8	83.9	23.3	22.7	0	0
141705	42996	228	0.947	3.1	-0.7	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141706	43008	228	0.967	3.1	-1	325.2	0	0	83.8	84.1	23.3	22.7	0	0

141707	43000	228	0.951	3.1	-0.7	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141708	42992	228	0.951	3.1	-0.3	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141709	42996	228	0.963	3.1	0	325.2	0	0	83.6	84.1	23.3	22.7	0	0
141710	42996	228	0.988	3.1	0.4	325.2	0	0	83.6	84.1	23.3	22.7	0	0
141711	42992	228	0.992	3.1	0.4	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141712	43000	228	1.008	3.1	0	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141713	42996	227.5	0.988	3.1	-0.7	325.2	0	0	83.6	83.9	23.3	22.7	0	0
141714	42992	227.5	1.004	3.1	-1	325.2	0	0	83.6	83.9	23.3	22.7	0	0
141715	43000	227.5	0.983	3.1	-0.7	325.2	0	0	83.8	83.9	23.3	22.7	0	0
141716	42996	227.5	0.976	3.1	-0.3	325.2	0	0	83.8	83.9	23.3	22.7	0	0
141717	42996	227.5	0.988	3.1	0	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141718	43000	227.5	0.992	3.3	0.4	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141719	42996	227.5	0.976	3.3	0.4	325.2	0	0	83.6	84.1	23.3	22.7	0	0
141720	42996	227.5	0.967	3.1	0	325.2	0	0	83.6	84.1	23.3	22.7	0	0
141721	43000	227.5	0.963	3.1	-0.3	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141722	43000	227	0.958	3.1	-0.7	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141723	43004	227	0.967	3.1	-0.7	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141724	42996	227	0.967	3.1	-0.7	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141725	42996	227	0.942	3.1	-0.3	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141726	43004	227	0.958	3.1	0	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141727	42996	227	0.967	3.1	0	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141728	43004	227	0.988	3.1	0	325.2	0	0	83.8	84.1	23.3	22.7	0	0
141729	42996	227	0.983	3.3	0	325.2	0	0	83.8	83.9	23.3	22.8	0	0
141730	43000	227	1.004	3.3	-0.3	325.2	0	0	83.8	83.9	23.3	22.8	0	0
141731	42996	227	1.004	3.3	-0.3	325.2	0	0	83.8	84.1	23.3	22.8	0	0
141732	43000	227	0.983	3.3	-0.3	325.2	0	0	83.8	84.1	23.3	22.8	0	0
141733	42996	227	0.983	3.3	-0.7	325.2	0	0	83.8	84.1	23.3	22.8	0	0
141734	42996	227	0.972	3.3	-0.7	325.2	0	0	83.8	84.1	23.3	22.8	0	0
141735	42996	227	0.972	3.3	-0.7	325.2	0	0	83.8	84.1	23.3	22.8	0	0
141736	42992	227	0.958	3.3	-0.7	324.8	0	0	83.8	84.1	23.3	22.8	0	0
141737	42996	226.5	0.967	3.3	-0.3	324.8	0	0	83.8	84.1	23.3	22.8	0	0
141738	43000	227	0.965	3.3	-0.3	324.8	0	0	83.8	84.1	23.3	22.8	0	0
141739	43004	227	0.965	3.3	-0.3	324.8	0	0	83.8	84.1	23.3	22.8	0	0
141740	43000	227	0.97	3.1	-0.3	324.8	0	0	83.8	84.1	23.3	22.8	0	0
141741	43000	227	0.981	3.1	-0.3	324.8	0	0	83.8	84.2	23.3	22.9	0	0
141742	43000	227	0.99	3.3	-0.3	324.8	0	0	83.8	84.2	23.3	22.9	0	0
141743	42996	227	0.995	3.3	0	324.8	0	0	83.8	84.4	23.3	23	0	0
141744	43004	227	0.97	3.3	0	324.8	0	0	83.8	84.4	23.3	23	0	0
141745	42996	227	1.011	3.3	0	324.8	0	0	83.8	84.6	23.3	23.1	0	0
141746	43000	227	0.981	3.3	0.4	324.8	0	0	83.8	84.6	23.4	23.1	0	0
141747	42996	227	0.99	3.3	0.4	324.8	0	0	83.8	84.7	23.4	23.3	0	0
141748	42992	227	0.986	3.3	0.4	324.8	0	0	83.8	84.7	23.4	23.3	0	0
141749	43000	227	0.974	3.3	0.4	324.8	0	0	83.8	84.7	23.4	23.3	0	0
141750	42996	227	0.97	3.3	0	324.8	0	0	83.8	84.7	23.4	23.3	0	0
141751	43008	227	0.97	3.3	0	324.8	0	0	83.9	84.7	23.4	23.4	0	0
141752	43000	227	0.956	3.3	-0.3	324.8	0	0	83.9	84.7	23.4	23.4	0	0
141753	42996	227	0.96	3.3	-0.7	324.8	0	0	83.9	84.9	23.4	23.4	0	0
141754	43000	227	0.974	3.1	-0.7	324.8	0	0	83.9	84.9	23.4	23.4	0	0
141755	43004	227	0.97	3.1	-0.7	324.8	0	0	83.9	84.7	23.4	23.5	0	0
141756	42992	227	0.972	3.1	-0.3	324.8	0	0	83.9	84.7	23.5	23.5	0	0
141757	42996	227	0.963	3.1	0	324.8	0	0	83.9	84.9	23.5	23.5	0	0
141758	43000	227	0.992	3.1	0.4	324.8	0	0	83.9	84.9	23.5	23.5	0	0
141759	42996	227.5	0.988	3.1	0.7	324.8	0	0	83.9	84.7	23.5	23.5	0	0
141760	43004	227	0.988	3.1	0.4	325.2	0	0	83.9	84.7	23.5	23.5	0	0
141761	42988	227.5	0.976	3.1	0	325.2	0	0	83.9	84.9	23.5	23.6	0	0
141762	42996	227	1.008	3.1	-0.3	325.2	0	0	83.9	84.9	23.5	23.6	0	0
141763	42996	227	0.983	3.3	-0.7	325.2	0	0	84.1	84.9	23.5	23.6	0	0
141764	42996	227	0.986	3.3	-0.7	325.2	0	0	84.1	84.9	23.5	23.6	0	0
141765	42996	227	0.981	3.3	-0.3	324.8	0	0	84.1	84.9	23.5	23.6	0	0
141766	42992	227	0.981	3.3	0	325.2	0	0	84.1	84.9	23.6	23.6	0	0
141767	42996	227	0.981	3.3	0.4	325.2	0	0	84.1	84.9	23.6	23.5	0	0
141768	43004	227	0.97	3.3	0.4	325.2	0	0	84.1	84.9	23.6	23.5	0	0
141769	43000	227	0.96	3.3	0	325.2	0	0	84.1	84.9	23.6	23.5	0	0
141770	43004	227	0.949	3.3	-0.3	325.2	0	0	84.1	84.9	23.6	23.5	0	0
141771	43000	227	0.981	3.1	-0.7	325.2	0	0	84.1	84.9	23.6	23.5	0	0
141772	43004	227	0.981	3.1	-1	325.2	0	0	84.1	84.9	23.6	23.5	0	0
141773	43004	227	0.958	3.1	-0.7	325.2	0	0	84.2	84.9	23.6	23.5	0	0
141774	42996	227	0.947	3.1	0	325.2	0	0	84.2	84.9	23.6	23.5	0	0
141775	42992	227	0.942	3.1	0.4	325.2	0	0	84.2	84.7	23.6	23.5	0	0
141776	43004	227	0.967	3.1	0.7	325.2	0	0	84.2	84.7	23.6	23.5	0	0
141777	43000	227	0.967	3.3	0.4	325.2	0	0	84.2	84.9	23.6	23.5	0	0

141778	42996	227	0.972	3.3	0	325.2	0	0	84.2	84.9	23.6	23.5	0	0
141779	42996	227	0.988	3.3	-0.7	325.2	0	0	84.2	84.9	23.6	23.5	0	0
141780	42996	227	1.004	3.3	-1	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141781	42996	227	0.979	3.3	-1	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141782	42996	227	0.983	3.3	-0.3	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141783	43000	227	0.967	3.3	0	325.2	0	0	84.4	84.9	23.7	23.5	0	0
141784	43004	226.5	0.958	3.3	0.4	325.2	0	0	84.4	84.9	23.7	23.5	0	0
141785	42996	226.5	0.951	3.3	0.4	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141786	43000	226.5	0.967	3.3	0	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141787	42992	226.5	0.951	3.3	-0.3	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141788	43000	227	0.942	3.1	-0.7	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141789	43000	227	0.988	3.1	-0.7	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141790	42992	227	0.976	3.1	-0.3	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141791	42996	227	0.949	3.1	0	325.2	0	0	84.4	84.7	23.7	23.5	0	0
141792	43000	227	0.96	3.1	0.4	325.2	0	0	84.4	84.7	23.7	23.5	0	0
141793	43000	227	0.956	3.3	0.4	325.2	0	0	84.2	84.9	23.7	23.5	0	0
141794	43004	227	0.949	3.3	0	325.2	0	0	84.2	84.9	23.9	23.5	0	0
141795	42996	227	0.965	3.3	-0.3	325.2	0	0	84.4	84.7	23.9	23.5	0	0
141796	43000	227	0.986	3.3	-1	325.2	0	0	84.4	84.7	23.9	23.5	0	0
141797	42996	227	0.995	3.3	-0.7	325.2	0	0	84.4	84.9	23.9	23.5	0	0
141798	42996	227.5	0.976	3.3	-0.3	325.2	0	0	84.4	84.9	23.9	23.5	0	0
141799	42996	227.5	0.967	3.3	0	325.2	0	0	84.4	84.9	23.9	23.5	0	0
141800	43004	227.5	0.983	3.3	0.4	325.2	0	0	84.4	84.9	23.9	23.5	0	0
141801	43000	227.5	0.983	3.3	0.4	325.2	0	0	84.4	85	23.9	23.6	0	0
141802	42996	227	0.979	3.3	0	325.2	0	0	84.4	85	23.9	23.6	0	0
141803	43000	227	0.947	3.1	-0.7	325.2	0	0	84.4	85	23.9	23.6	0	0
141804	43000	227	0.947	3.1	-1	325.2	0	0	84.4	85	23.9	23.6	0	0
141805	43004	227	0.953	3.1	-0.7	325.2	0	0	84.4	85	23.9	23.6	0	0
141806	43008	227	0.953	3.1	-0.3	324.8	0	0	84.4	85	23.9	23.6	0	0
141807	43004	227	0.947	3.1	0	324.8	0	0	84.4	85	23.9	23.6	0	0
141808	43008	227.5	0.981	2.9	0.7	325.2	0	0	84.4	85	23.9	23.6	0	0
141809	43000	227.5	0.986	2.9	0.4	325.2	0	0	84.4	85	23.9	23.7	0	0
141810	43008	227.5	0.976	2.9	0	325.2	0	0	84.4	85	24	23.7	0	0
141811	43004	227.5	0.97	2.9	-0.3	325.2	0	0	84.4	85	24	23.7	0	0
141812	43000	227.5	0.981	3.1	-0.7	325.2	0	0	84.4	85	24	23.7	0	0
141813	43000	227.5	0.995	3.1	-0.7	324.8	0	0	84.4	85	24	23.7	0	0
141814	43000	227.5	0.986	3.1	-0.3	324.8	0	0	84.4	85	24	23.7	0	0
141815	42996	227.5	0.995	3.1	0	324.8	0	0	84.4	85	24	23.7	0	0
141816	42992	228	0.995	3.3	0.4	324.8	0	0	84.4	85	24	23.7	0	0
141817	42996	227.5	0.986	3.3	0.4	325.2	0	0	84.4	85	24	23.7	0	0
141818	43000	227.5	0.981	3.3	0.4	325.2	0	0	84.4	85	24	23.7	0	0
141819	42996	227.5	0.97	3.3	0	325.2	0	0	84.4	85	24	23.7	0	0
141820	43004	227.5	0.96	3.3	-0.3	325.2	0	0	84.4	85	24	23.7	0	0
141821	43000	227.5	0.956	3.1	-0.7	325.2	0	0	84.4	85	24	23.7	0	0
141822	42996	227.5	0.944	3.1	-1	325.2	0	0	84.4	85	24	23.7	0	0
141823	42992	227.5	0.949	3.1	-0.3	325.2	0	0	84.4	84.9	24	23.7	0	0
141824	42996	227.5	0.965	3.1	0	325.2	0	0	84.4	84.9	24	23.7	0	0
141825	43000	228	0.953	3.1	0.4	325.2	0	0	84.4	85	24	23.7	0	0
141826	42992	228	0.953	3.1	0.4	325.2	0	0	84.4	85	24	23.7	0	0
141827	42996	228	0.963	3.1	0.4	325.2	0	0	84.4	85	24	23.7	0	0
141828	42992	228	0.974	3.1	0	325.2	0	0	84.4	85	24	23.7	0	0
141829	43000	228	0.963	3.1	-0.7	325.2	0	0	84.4	85	24	23.7	0	0
141830	42996	228	0.963	3.1	-1	325.2	0	0	84.4	85	24	23.7	0	0
141831	42996	228	0.963	3.1	-0.7	325.2	0	0	84.6	85	24	23.7	0	0
141832	43000	228	0.974	3.1	-0.3	324.8	0	0	84.6	85	24	23.7	0	0
141833	43004	228	0.988	3.1	0	324.8	0	0	84.6	85	24	23.7	0	0
141834	42996	228	0.992	3.3	0.4	325.2	0	0	84.6	85	24	23.7	0	0
141835	42996	228.5	0.999	3.3	0.4	325.2	0	0	84.4	85	24	23.7	0	0
141836	42996	228.5	0.983	3.3	0	325.2	0	0	84.4	85	24	23.7	0	0
141837	42996	228.5	0.983	3.1	-0.3	325.2	0	0	84.6	85	24	23.7	0	0
141838	42996	228	0.983	3.1	-0.7	325.2	0	0	84.6	85	24	23.7	0	0
141839	43004	228	0.974	3.1	-0.7	325.2	0	0	84.4	85	24	23.7	0	0
141840	43008	228.5	0.937	3.1	-0.3	325.2	0	0	84.4	85	24	23.7	0	0
141841	43000	228.5	0.942	2.9	0	325.2	0	0	84.6	85	24	23.7	0	0
141842	43000	228	0.947	2.9	0.4	325.2	0	0	84.6	85	24	23.7	0	0
141843	43000	228.5	0.983	2.9	0.7	325.2	0	0	84.6	85	24	23.7	0	0
141844	43000	228	0.951	2.9	0.4	325.2	0	0	84.6	85	24	23.7	0	0
141845	43000	228.5	0.951	2.9	0	325.2	0	0	84.6	84.9	24	23.7	0	0
141846	43004	228.5	0.983	2.9	-0.3	325.2	0	0	84.6	84.9	24	23.7	0	0
141847	42996	228.5	0.988	2.9	-0.7	325.2	0	0	84.4	84.9	24	23.7	0	0
141848	42996	228.5	0.947	2.9	-0.7	325.2	0	0	84.4	84.9	24.1	23.7	0	0

141849	42996	228.5	0.988	3.1	-0.3	325.2	0	0	84.4	84.9	24.1	23.7	0	0
141850	43004	228.5	0.972	3.1	0	325.2	0	0	84.4	84.9	24.1	23.7	0	0
141851	43000	228.5	1.011	3.1	0.4	325.2	0	0	84.4	84.9	24.1	23.7	0	0
141852	43000	228.5	0.99	3.1	0.4	325.2	0	0	84.4	84.9	24.1	23.7	0	0
141853	42996	228.5	0.974	3.1	0	325.2	0	0	84.6	85	24.1	23.7	0	0
141854	42996	228.5	0.986	3.1	-0.3	325.2	0	0	84.6	85	24.1	23.7	0	0
141855	43004	228.5	0.995	3.1	-0.7	325.2	0	0	84.6	84.9	24.1	23.7	0	0
141856	43004	228.5	0.974	3.1	-0.7	325.2	0	0	84.6	84.9	24.1	23.7	0	0
141857	43004	228.5	0.965	3.1	-0.7	325.2	0	0	84.4	85	24.1	23.6	0	0
141858	42992	228.5	0.956	3.1	-0.3	325.2	0	0	84.4	85	24.1	23.6	0	0
141859	43000	228.5	0.974	3.1	0	325.2	0	0	84.6	84.9	24.1	23.6	0	0
141860	43004	228.5	0.972	3.1	0.4	325.2	0	0	84.6	84.9	24.1	23.6	0	0
141861	42996	228.5	0.958	3.1	0.4	325.2	0	0	84.6	84.9	24.1	23.6	0	0
141862	43000	228.5	0.958	3.1	0	325.2	0	0	84.6	84.9	24.1	23.6	0	0
141863	43000	228.5	0.972	3.1	-0.3	325.2	0	0	84.6	85	24.1	23.6	0	0
141864	42996	228.5	0.992	3.1	-0.7	325.2	0	0	84.6	85	24.1	23.6	0	0
141865	42992	228.5	0.963	3.1	-0.7	325.2	0	0	84.6	85	24.1	23.6	0	0
141866	42996	228.5	0.958	3.1	-0.3	325.2	0	0	84.6	85	24.1	23.6	0	0
141867	43000	228.5	0.979	3.1	0	325.2	0	0	84.6	84.9	24.1	23.6	0	0
141868	43000	228.5	0.992	3.1	0.4	325.2	0	0	84.6	84.9	24.1	23.6	0	0
141869	42996	228.5	0.999	3.1	0.4	325.2	0	0	84.6	85	24.1	23.6	0	0
141870	42996	228.5	0.972	3.1	0.4	325.2	0	0	84.6	85	24.1	23.6	0	0
141871	42996	228.5	0.979	3.1	0	325.2	0	0	84.6	85	24.1	23.6	0	0
141872	43004	228.5	0.979	3.1	-0.7	325.2	0	0	84.6	85	24.1	23.6	0	0
141873	42992	228.5	0.967	3.1	-0.7	325.2	0	0	84.7	84.9	24.1	23.6	0	0
141874	42996	228.5	0.967	3.1	-0.7	325.2	0	0	84.7	84.9	24.1	23.6	0	0
141875	42992	228.5	0.942	3.1	-0.3	325.2	0	0	84.6	84.9	24.1	23.6	0	0
141876	42996	228.5	0.967	3.1	0	325.2	0	0	84.6	84.9	24.1	23.6	0	0
141877	42996	228.5	0.979	3.1	0.4	325.2	0	0	84.6	85	24.1	23.6	0	0
141878	43000	228.5	0.988	3.1	0.4	325.2	0	0	84.6	85	24.1	23.6	0	0
141879	42996	228.5	0.972	3.1	0	325.2	0	0	84.6	85	24.1	23.6	0	0
141880	43000	228.5	0.983	3.1	-0.3	325.2	0	0	84.6	85	24.1	23.6	0	0
141881	43000	229	0.988	3.1	-0.7	325.2	0	0	84.4	85	24.1	23.6	0	0
141882	42996	229	0.983	3.1	-0.7	325.2	0	0	84.4	85	24.1	23.6	0	0
141883	43000	228.5	0.942	3.1	-0.7	325.2	0	0	84.6	85	24.1	23.7	0	0
141884	43004	229	0.972	3.1	-0.3	325.2	0	0	84.6	85	24.1	23.7	0	0
141885	43000	229	0.983	3.1	0	325.2	0	0	84.6	85	24.1	23.7	0	0
141886	42996	229	0.972	3.1	0.4	325.2	0	0	84.6	85	24.1	23.7	0	0
141887	43000	229	0.972	3.1	0.4	325.2	0	0	84.6	85	24.1	23.7	0	0
141888	42996	229	0.951	3.1	0	325.2	0	0	84.6	85	24.1	23.7	0	0
141889	42996	229	0.972	3.1	-0.3	325.2	0	0	84.6	85.2	24.1	23.7	0	0
141890	43000	229	0.979	3.1	-0.7	325.2	0	0	84.6	85.2	24.1	23.7	0	0
141891	43004	229	0.979	3.1	-1	325.2	0	0	84.4	85	24.1	23.7	0	0
141892	43008	229	0.963	3.1	-0.7	325.2	0	0	84.4	85	24.1	23.7	0	0
141893	43000	229	0.992	3.1	0	325.2	0	0	84.4	85	24.1	23.7	0	0
141894	42996	229	0.965	3.1	0.4	325.2	0	0	84.4	85	24.1	23.7	0	0
141895	43000	229	0.981	3.1	0.7	325.2	0	0	84.6	85	24.1	23.7	0	0
141896	43000	229	0.981	3.1	0.4	325.2	0	0	84.6	85	24.1	23.7	0	0
141897	43008	229	0.976	3.1	0	325.2	0	0	84.6	85	24.1	23.9	0	0
141898	43008	229	0.986	3.1	-0.7	325.2	0	0	84.6	85	24.1	23.9	0	0
141899	42992	229	0.965	3.1	-0.7	325.2	0	0	84.6	85.2	24.1	23.9	0	0
141900	42996	229.5	0.97	3.1	-0.7	325.2	0	0	84.6	85.2	24.1	23.9	0	0
141901	42992	229.5	0.956	3.1	-0.3	325.2	0	0	84.4	85	24.1	23.9	0	0
141902	42992	229.5	0.965	3.1	0.4	325.2	0	0	84.4	85	24.1	23.9	0	0
141903	43000	229.5	0.983	3.1	0.7	325.2	0	0	84.4	85	24.1	23.9	0	0
141904	43008	229.5	1.004	3.1	0.4	325.2	0	0	84.4	85	24.1	23.9	0	0
141905	43008	229	0.983	3.1	0	325.2	0	0	84.4	85	24.1	23.9	0	0
141906	43000	229	0.983	3.1	-0.3	325.2	0	0	84.4	85	24	23.9	0	0
141907	43004	229.5	0.972	3.1	-0.7	325.2	0	0	84.4	85	24	23.9	0	0
141908	42996	229.5	0.972	3.1	-0.7	324.8	0	0	84.4	85	24	23.9	0	0
141909	43000	229.5	0.972	3.1	-0.3	324.8	0	0	84.4	85	24	23.9	0	0
141910	43000	229.5	0.963	3.1	0	324.8	0	0	84.4	85	24	23.9	0	0
141911	43000	229.5	0.992	3.1	0.4	324.8	0	0	84.2	85	24	23.7	0	0
141912	43008	229.5	0.986	3.1	0.4	324.8	0	0	84.2	85	24	23.7	0	0
141913	42996	229.5	0.949	3.1	0	325.2	0	0	84.4	84.9	24	23.7	0	0
141914	43004	229.5	0.949	3.1	-0.3	325.2	0	0	84.4	84.9	24	23.7	0	0
141915	43000	229.5	0.956	2.9	-0.7	325.2	0	0	84.4	84.9	24	23.7	0	0
141916	42992	229.5	0.976	2.9	-0.7	325.2	0	0	84.4	84.9	24	23.7	0	0
141917	42996	229.5	0.976	2.9	-0.3	324.8	0	0	84.4	84.9	24	23.7	0	0
141918	42996	230	0.986	2.9	0	324.8	0	0	84.4	84.9	24	23.7	0	0
141919	42992	230	0.96	2.9	0	324.8	0	0	84.4	84.9	24	23.7	0	0

141920	42996	230	0.972	3.1	0.4	324.8	0	0	84.4	84.9	24	23.7	0	0
141921	43008	230	0.992	3.1	0.4	324.8	0	0	84.2	84.9	24	23.7	0	0
141922	43000	230	0.999	3.1	0	325.2	0	0	84.2	84.9	24	23.7	0	0
141923	43000	230	0.979	3.1	0	325.2	0	0	84.2	84.9	24	23.7	0	0
141924	42996	230	0.958	3.1	-0.3	324.8	0	0	84.2	84.9	24	23.7	0	0
141925	43000	230	0.992	3.1	-0.3	324.8	0	0	84.2	84.9	24	23.6	0	0
141926	43004	230	0.983	3.1	-0.7	324.8	0	0	84.2	84.9	24	23.6	0	0
141927	43000	230	0.958	3.1	-0.7	324.8	0	0	84.2	84.7	24	23.6	0	0
141928	43004	230	0.992	3.1	-0.7	324.8	0	0	84.2	84.7	24	23.6	0	0
141929	42996	230	0.981	3.1	-0.3	324.8	0	0	84.2	84.9	24	23.6	0	0
141930	42996	230	0.956	3.1	0	324.8	0	0	84.2	84.9	24	23.6	0	0
141931	43008	230	0.986	3.1	0.4	324.8	0	0	84.2	84.7	24	23.6	0	0
141932	42996	230	0.96	3.1	0.4	324.8	0	0	84.2	84.7	23.9	23.6	0	0
141933	43004	230	0.94	3.1	0	324.8	0	0	84.2	84.7	23.9	23.6	0	0
141934	43004	230	0.99	3.1	-0.3	324.8	0	0	84.2	84.7	23.9	23.6	0	0
141935	42996	230	0.956	2.9	-0.7	324.8	0	0	84.2	84.9	23.9	23.6	0	0
141936	42996	230	0.981	2.9	-0.7	324.8	0	0	84.2	84.9	23.9	23.6	0	0
141937	42996	230	0.965	2.9	-0.7	324.8	0	0	84.2	84.7	23.9	23.5	0	0
141938	42996	230	0.97	2.9	0	324.8	0	0	84.2	84.7	23.9	23.5	0	0
141939	42996	230	0.956	2.9	0.4	324.8	0	0	84.1	84.7	23.9	23.5	0	0
141940	43000	230	0.97	2.9	0.4	324.8	0	0	84.1	84.7	23.9	23.5	0	0
141941	42992	230	0.965	2.9	0.4	324.8	0	0	84.2	84.7	23.9	23.5	0	0
141942	42996	230	0.976	2.9	0	324.8	0	0	84.2	84.7	23.7	23.5	0	0
141943	42992	230	0.981	2.9	-0.7	324.8	0	0	84.2	84.7	23.7	23.5	0	0
141944	42996	230	0.965	2.9	-0.7	324.8	0	0	84.2	84.7	23.7	23.5	0	0
141945	42992	230	0.965	3.1	-0.7	324.8	0	0	84.1	84.7	23.7	23.5	0	0
141946	42996	230	0.956	3.1	-0.3	324.8	0	0	84.1	84.7	23.7	23.5	0	0
141947	43000	230	0.97	3.1	0	324.8	0	0	84.1	84.7	23.7	23.5	0	0
141948	42992	230	0.99	3.1	0.4	325.2	0	0	84.1	84.7	23.7	23.5	0	0
141949	43000	230	0.956	3.1	0.4	325.2	0	0	84.1	84.7	23.7	23.5	0	0
141950	42996	230	0.986	3.1	0.4	325.2	0	0	84.1	84.7	23.7	23.5	0	0
141951	43000	229.5	0.976	3.1	0	325.2	0	0	83.9	84.7	23.7	23.5	0	0
141952	43008	229.5	0.965	3.1	-0.3	325.2	0	0	83.9	84.7	23.7	23.5	0	0
141953	42996	229.5	0.956	3.1	-0.7	325.2	0	0	84.1	84.7	23.7	23.5	0	0
141954	43000	229.5	0.96	3.1	-0.7	324.8	0	0	84.1	84.7	23.7	23.5	0	0
141955	43008	229.5	0.967	3.1	-0.3	324.8	0	0	84.1	84.6	23.7	23.5	0	0
141956	43000	229.5	0.974	2.9	0	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141957	42996	229.5	0.983	2.9	0.4	324.8	0	0	83.9	84.7	23.6	23.5	0	0
141958	43004	230	0.958	2.9	0.4	324.8	0	0	83.9	84.7	23.6	23.5	0	0
141959	43008	230	0.967	2.9	0	324.8	0	0	84.1	84.7	23.6	23.5	0	0
141960	43004	230	0.974	2.9	-0.7	324.8	0	0	84.1	84.7	23.6	23.5	0	0
141961	43004	230	0.953	2.9	-0.7	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141962	43004	230	0.979	2.9	-0.7	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141963	42996	230	0.974	2.9	-0.3	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141964	43000	230	0.963	2.9	0	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141965	43004	230	0.979	2.9	0.4	324.8	0	0	84.1	84.7	23.6	23.5	0	0
141966	43004	230.5	0.979	2.9	0.4	324.8	0	0	84.1	84.7	23.6	23.5	0	0
141967	43000	230.5	0.972	3.1	0	324.8	0	0	84.1	84.7	23.6	23.5	0	0
141968	43000	230.5	0.972	3.1	-0.3	324.8	0	0	84.1	84.7	23.6	23.5	0	0
141969	43000	230.5	0.999	3.1	-0.7	324.8	0	0	83.9	84.6	23.6	23.5	0	0
141970	42988	230.5	0.992	3.1	-0.7	324.8	0	0	83.9	84.6	23.6	23.5	0	0
141971	42992	230.5	0.967	3.1	-0.3	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141972	43000	230	0.972	3.1	0	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141973	42992	230	0.979	3.1	0.4	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141974	43004	230	0.951	3.1	0.4	324.8	0	0	84.1	84.6	23.6	23.5	0	0
141975	42988	230	0.972	3.1	0.4	324.8	0	0	84.1	84.4	23.6	23.5	0	0
141976	42996	230	0.942	3.1	-0.3	324.8	0	0	84.1	84.4	23.6	23.5	0	0
141977	43000	230.5	0.983	3.1	-0.7	324.8	0	0	84.1	84.6	23.6	23.4	0	0
141978	42996	230	0.963	2.9	-1	324.8	0	0	84.1	84.6	23.6	23.4	0	0
141979	43000	230.5	0.947	2.9	-0.7	324.8	0	0	83.9	84.6	23.6	23.4	0	0
141980	42992	230.5	0.958	2.9	-0.3	324.8	0	0	83.9	84.6	23.6	23.4	0	0
141981	42996	230.5	0.983	2.9	0	324.8	0	0	83.9	84.6	23.6	23.4	0	0
141982	43000	230.5	0.988	2.9	0.4	324.8	0	0	83.9	84.6	23.6	23.4	0	0
141983	43004	230.5	0.967	2.9	0.4	324.8	0	0	83.9	84.6	23.6	23.4	0	0
141984	43000	230.5	0.963	2.9	0	324.8	0	0	83.9	84.6	23.6	23.4	0	0
141985	42996	230.5	0.967	3.1	-0.3	324.8	0	0	84.1	84.6	23.6	23.4	0	0
141986	43004	230.5	0.958	3.1	-0.7	324.8	0	0	84.1	84.6	23.6	23.4	0	0
141987	42992	230.5	0.951	3.1	-0.7	324.8	0	0	84.1	84.4	23.6	23.4	0	0
141988	43004	230.5	0.963	3.1	-0.7	324.8	0	0	84.1	84.4	23.6	23.4	0	0
141989	42996	230.5	0.967	3.1	-0.3	324.8	0	0	83.9	84.6	23.6	23.3	0	0
141990	43000	230.5	0.988	3.1	0	324.8	0	0	83.9	84.6	23.6	23.3	0	0

141991	43004	230.5	0.972	3.1	0.4	324.8	0	0	83.9	84.4	23.6	23.3	0	0
141992	43004	230.5	0.947	3.1	0.4	324.8	0	0	83.9	84.4	23.6	23.3	0	0
141993	42996	230.5	0.963	3.1	0	324.8	0	0	83.9	84.4	23.6	23.3	0	0
141994	42996	230.5	0.951	3.1	0	324.8	0	0	83.9	84.4	23.6	23.3	0	0
141995	43000	230.5	0.979	3.1	-0.3	324.8	0	0	83.9	84.2	23.6	23.3	0	0
141996	43000	230	0.963	3.1	-0.7	324.8	0	0	83.9	84.2	23.6	23.3	0	0
141997	43008	230	0.958	2.9	-1	324.8	0	0	83.9	84.4	23.6	23.1	0	0
141998	43000	230	0.97	2.9	-0.7	324.8	0	0	83.9	84.4	23.6	23.1	0	0
141999	42996	230	0.974	2.9	-0.3	324.8	0	0	83.9	84.4	23.6	23.1	0	0
142000	43000	230.5	0.949	2.9	0	324.8	0	0	83.9	84.4	23.6	23.1	0	0
142001	43000	230.5	0.956	2.9	0.4	324.8	0	0	83.9	84.2	23.6	23.1	0	0
142002	42992	230.5	0.965	2.9	0	324.8	0	0	83.9	84.2	23.6	23.1	0	0
142003	43000	230.5	0.995	2.9	-0.3	324.8	0	0	83.9	84.4	23.6	23.1	0	0
142004	43000	231	0.974	3.1	-0.7	324.8	0	0	83.9	84.4	23.6	23.1	0	0
142005	42992	231	0.97	3.1	-0.7	324.8	0	0	83.9	84.2	23.6	23.1	0	0
142006	42996	231	0.986	3.1	-0.7	324.8	0	0	83.9	84.2	23.6	23.1	0	0
142007	42996	231	0.96	3.1	-0.3	324.8	0	0	83.9	84.4	23.6	23.1	0	0
142008	42992	231	0.986	3.1	0.4	324.8	0	0	83.9	84.4	23.6	23.1	0	0
142009	43004	231	0.96	3.1	0.4	324.8	0	0	83.8	84.4	23.6	23.1	0	0
142010	42992	230.5	0.965	3.1	0.4	324.8	0	0	83.8	84.4	23.6	23.1	0	0
142011	42996	230.5	0.986	3.1	0	324.8	0	0	83.9	84.4	23.6	23.1	0	0
142012	43000	230.5	0.953	3.1	-0.3	324.8	0	0	83.9	84.4	23.5	23.1	0	0
142013	42996	230.5	0.986	3.1	-1	324.8	0	0	83.9	84.2	23.5	23.1	0	0
142014	43000	230	0.97	3.1	-1	324.8	0	0	83.9	84.2	23.5	23.1	0	0
142015	43008	230	0.944	3.1	-0.7	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142016	43004	230	0.974	2.9	-0.7	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142017	43000	230.5	0.965	2.9	-0.3	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142018	43000	230.5	0.96	2.9	0	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142019	42992	230.5	0.956	2.9	0.4	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142020	42996	230.5	0.96	2.9	0.4	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142021	42996	230.5	0.974	2.9	0.4	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142022	42996	230.5	0.96	2.9	0	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142023	42996	230.5	0.986	3.1	-0.3	324.8	0	0	83.8	84.4	23.5	23.1	0	0
142024	43000	230.5	0.99	3.1	-1	324.8	0	0	83.8	84.4	23.5	23.1	0	0
142025	42996	230.5	0.986	3.1	-1	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142026	42992	230.5	0.96	3.1	-0.3	324.8	0	0	83.8	84.2	23.5	23.1	0	0
142027	42996	230.5	0.99	3.1	0	324.8	0	0	83.8	84.4	23.5	23.1	0	0
142028	43000	230.5	0.956	3.1	0.7	324.8	0	0	83.8	84.4	23.4	23.1	0	0
142029	42996	230.5	0.981	3.1	0.4	324.8	0	0	83.8	84.2	23.4	23.1	0	0
142030	43008	230	0.956	3.1	0	324.8	0	0	83.8	84.2	23.4	23.1	0	0
142031	42996	230	0.965	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23.1	0	0
142032	42996	230	0.944	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23.1	0	0
142033	43004	230	0.97	2.9	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142034	42996	230	0.96	2.9	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142035	43004	230	0.944	2.9	-0.3	324.8	0	0	83.6	84.2	23.4	23	0	0
142036	42996	230	0.995	2.9	0	324.8	0	0	83.6	84.2	23.4	23	0	0
142037	43004	230	0.995	2.9	0.4	324.8	0	0	83.6	84.1	23.4	23	0	0
142038	43008	230	0.986	3.1	0.4	324.8	0	0	83.6	84.1	23.4	23	0	0
142039	43004	229.5	0.981	3.1	-0.3	324.8	0	0	83.6	84.1	23.4	23	0	0
142040	42996	230	1.002	3.1	-0.7	324.8	0	0	83.6	84.1	23.4	23	0	0
142041	43000	229.5	0.986	3.1	-1	324.8	0	0	83.6	84.1	23.4	22.9	0	0
142042	42996	229.5	0.967	3.1	-0.3	324.8	0	0	83.6	84.1	23.4	22.9	0	0
142043	42996	229.5	0.958	3.1	0	324.8	0	0	83.6	84.1	23.4	22.9	0	0
142044	43008	229.5	0.972	3.1	0.4	324.8	0	0	83.6	84.1	23.4	22.9	0	0
142045	42996	229	0.958	3.1	0.4	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142046	43000	229.5	0.979	3.1	0	324.8	0	0	83.8	84.1	23.3	22.9	0	0
142047	42996	229	0.979	3.1	-0.3	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142048	43000	229	0.992	3.1	-0.7	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142049	43008	229	0.983	2.9	-0.7	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142050	43000	229	0.981	2.9	-0.7	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142051	42996	229	0.97	2.9	0	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142052	43000	229.5	0.965	2.9	0.4	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142053	42992	229	0.956	2.9	0.4	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142054	42996	229	0.97	2.9	0.4	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142055	42996	229	0.981	3.1	-0.3	324.8	0	0	83.8	83.9	23.3	22.8	0	0
142056	42996	229	0.99	3.1	-0.7	324.8	0	0	83.8	83.9	23.3	22.8	0	0
142057	43000	229.5	0.97	3.1	-1	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142058	42996	229	0.974	3.1	-0.7	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142059	42992	229	0.979	3.1	-0.3	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142060	43000	229.5	0.983	3.1	0.4	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142061	42996	229	0.999	3.1	0.4	324.8	0	0	83.6	84.1	23.3	22.8	0	0

142062	42996	229	0.988	3.1	0	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142063	43000	229	0.967	3.1	-0.7	324.8	0	0	83.8	83.9	23.3	22.8	0	0
142064	42996	229	0.967	3.1	-1	324.8	0	0	83.8	83.9	23.3	22.8	0	0
142065	43004	229	0.967	3.1	-0.7	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142066	43000	229	0.947	3.1	-0.7	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142067	43004	229	0.951	3.1	-0.3	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142068	42996	229	0.958	2.9	0	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142069	43000	229	0.988	2.9	0	324.8	0	0	83.8	84.1	23.3	22.8	0	0
142070	42992	229	0.979	2.9	0.4	324.8	0	0	83.8	84.1	23.3	22.8	0	0
142071	43004	229.5	0.992	3.1	0.4	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142072	43004	229	0.967	3.1	0	324.8	0	0	83.6	83.9	23.3	22.8	0	0
142073	42996	229.5	0.953	3.1	-0.3	324.8	0	0	83.8	84.1	23.3	22.8	0	0
142074	42984	229	1.004	3.1	-1	324.8	0	0	83.8	84.1	23.3	22.8	0	0
142075	42992	229	0.967	3.1	-0.7	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142076	43004	229.5	0.983	3.1	0	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142077	42996	229.5	0.983	3.1	0.4	324.8	0	0	83.8	84.1	23.3	22.8	0	0
142078	42996	229.5	0.992	3.1	0.4	324.8	0	0	83.8	84.1	23.3	22.8	0	0
142079	42996	229	0.974	3.1	0	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142080	43004	229	0.979	3.1	-0.3	324.8	0	0	83.6	84.1	23.3	22.8	0	0
142081	43004	229	0.967	3.1	-1	324.8	0	0	83.8	84.1	23.3	22.9	0	0
142082	42996	229	0.947	3.1	-1	324.8	0	0	83.8	84.1	23.3	22.9	0	0
142083	43000	229	0.947	2.9	-0.7	324.8	0	0	83.8	84.1	23.3	22.9	0	0
142084	43000	229	0.937	2.9	-0.3	324.8	0	0	83.8	84.1	23.3	22.9	0	0
142085	43000	229	0.965	2.9	0.4	324.8	0	0	83.8	84.1	23.3	22.9	0	0
142086	42996	229	0.97	2.9	0.7	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142087	43004	229	0.96	2.9	0.4	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142088	42996	229	0.976	2.9	-0.3	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142089	43000	229	0.976	2.9	-0.7	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142090	42988	229	0.997	3.1	-0.7	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142091	42992	229	0.976	3.1	-0.7	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142092	42996	229	0.976	3.1	-0.3	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142093	43000	229	1.002	3.1	0	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142094	42996	229	0.992	3.1	0	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142095	42996	228.5	0.974	3.1	0.4	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142096	42996	228.5	0.967	3.1	0.4	324.8	0	0	83.8	84.1	23.4	22.9	0	0
142097	42996	228.5	0.974	3.1	0	324.8	0	0	83.6	84.2	23.4	22.9	0	0
142098	42996	228.5	0.999	3.1	-0.3	324.8	0	0	83.6	84.2	23.4	22.9	0	0
142099	42996	228.5	0.958	2.9	-0.7	324.8	0	0	83.6	84.2	23.4	22.9	0	0
142100	43004	229	0.958	2.9	-1	324.8	0	0	83.6	84.2	23.4	22.9	0	0
142101	43000	229	0.953	2.9	-0.7	324.8	0	0	83.6	84.1	23.4	22.9	0	0
142102	43008	228.5	0.97	2.9	0	324.8	0	0	83.6	84.1	23.4	22.9	0	0
142103	42992	229	0.986	2.9	0.4	324.8	0	0	83.8	84.2	23.4	22.9	0	0
142104	42996	229	0.986	2.9	0.4	324.8	0	0	83.8	84.2	23.4	22.9	0	0
142105	42996	229	0.981	2.9	0	324.8	0	0	83.8	84.2	23.4	22.9	0	0
142106	42996	229	0.99	2.9	-0.3	324.8	0	0	83.8	84.2	23.4	22.9	0	0
142107	42996	229	0.981	2.9	-1	324.8	0	0	83.6	84.2	23.4	23	0	0
142108	42996	229	0.986	3.1	-1	324.8	0	0	83.6	84.2	23.4	23	0	0
142109	42992	229	0.99	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142110	42996	229	0.986	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142111	42992	229	0.981	3.1	0.4	324.8	0	0	83.6	84.1	23.4	23	0	0
142112	43000	229	0.981	3.1	0.4	324.8	0	0	83.6	84.1	23.4	23	0	0
142113	42996	228.5	0.995	3.1	0.4	324.8	0	0	83.6	84.2	23.4	23	0	0
142114	43004	228.5	0.965	3.1	-0.3	324.8	0	0	83.6	84.2	23.4	23	0	0
142115	43000	228.5	0.956	3.1	-0.7	324.8	0	0	83.6	84.2	23.4	23	0	0
142116	43004	228.5	0.96	3.1	-0.7	324.8	0	0	83.6	84.2	23.4	23	0	0
142117	42996	228.5	0.956	3.1	-0.7	324.8	0	0	83.8	84.1	23.4	23	0	0
142118	43004	228.5	0.96	2.9	-0.3	324.8	0	0	83.8	84.1	23.4	23	0	0
142119	43008	228.5	0.96	2.9	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142120	43008	228.5	0.972	2.9	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142121	42996	228.5	0.958	2.9	0.4	324.8	0	0	83.6	84.2	23.4	23	0	0
142122	42996	228.5	0.963	2.9	0	324.8	0	0	83.6	84.2	23.4	23	0	0
142123	42996	228.5	0.988	2.9	-0.3	324.8	0	0	83.6	84.2	23.4	23	0	0
142124	43000	228.5	0.963	2.9	-0.7	324.8	0	0	83.6	84.2	23.4	23	0	0
142125	43000	228.5	0.992	3.1	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142126	42992	228.5	0.999	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142127	42992	228.5	0.999	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142128	43004	228.5	0.995	3.1	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142129	42992	228.5	1.011	3.1	0.4	324.8	0	0	83.8	84.1	23.4	23	0	0
142130	43000	228.5	1.015	3.3	0	324.8	0	0	83.8	84.1	23.4	23	0	0
142131	42996	228.5	0.965	3.1	-0.3	324.8	0	0	83.6	84.2	23.4	23	0	0
142132	42996	228.5	0.949	3.1	-0.7	324.8	0	0	83.6	84.2	23.4	23	0	0

142133	43004	228.5	0.96	3.1	-0.7	324.8	0	0	83.6	84.2	23.4	23	0	0
142134	42996	228	0.97	3.1	-0.7	324.8	0	0	83.6	84.2	23.4	23	0	0
142135	43004	228.5	0.97	2.9	-0.3	324.8	0	0	83.6	84.1	23.4	23	0	0
142136	43004	228.5	0.981	2.9	0	324.8	0	0	83.6	84.1	23.4	23	0	0
142137	42996	228.5	0.963	2.9	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142138	42992	228.5	0.951	2.9	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142139	42996	229	0.979	2.9	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142140	43000	228.5	0.967	2.9	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142141	43000	229	0.972	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142142	43004	228.5	0.988	3.1	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142143	42996	228.5	0.992	3.1	-1.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142144	43004	228.5	0.967	3.1	-0.7	324.5	0	0	83.8	84.2	23.4	23	0	0
142145	43000	228.5	0.999	3.1	-0.3	324.5	0	0	83.8	84.1	23.4	23	0	0
142146	42992	228.5	0.965	3.1	0.4	324.5	0	0	83.8	84.1	23.4	23	0	0
142147	43004	228.5	0.97	3.1	0.4	324.5	0	0	83.8	84.2	23.4	23	0	0
142148	43008	228.5	0.956	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142149	42996	228.5	0.965	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142150	42996	228.5	0.97	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142151	42988	228.5	0.981	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142152	43000	228.5	0.965	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142153	43000	228.5	0.949	2.9	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142154	42996	228.5	0.992	2.9	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142155	43004	228.5	0.976	2.9	0.4	324.8	0	0	83.9	84.2	23.4	23	0	0
142156	43004	228.5	0.958	3.1	0.4	324.8	0	0	83.9	84.2	23.4	23	0	0
142157	43004	228.5	0.988	2.9	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142158	43000	229	0.976	2.9	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142159	43000	228.5	1.008	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142160	42992	228	0.967	2.9	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142161	42996	228	0.967	2.9	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142162	43000	228.5	0.983	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142163	42996	228.5	0.947	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142164	43000	228.5	0.951	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142165	42992	228.5	0.967	3.1	0.4	324.8	0	0	83.9	84.2	23.4	23	0	0
142166	43004	228.5	0.972	3.1	0.4	324.8	0	0	83.9	84.2	23.4	23	0	0
142167	42992	228.5	0.997	3.1	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142168	43004	228.5	0.976	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142169	43000	228.5	0.958	3.1	-0.3	324.8	0	0	83.9	84.2	23.4	23	0	0
142170	43000	228	0.947	3.1	-0.7	324.8	0	0	83.9	84.2	23.4	23	0	0
142171	43000	228.5	0.963	3.1	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142172	42996	228.5	0.956	3.1	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142173	43000	228	0.97	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142174	42996	228	0.944	3.1	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142175	43000	228.5	0.96	3.1	0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142176	42996	228	0.956	3.1	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142177	43000	228.5	0.986	3.1	0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142178	43000	228	0.96	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142179	42992	227.5	0.974	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142180	43012	227.5	0.958	3.1	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142181	43000	227.5	0.988	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142182	42996	228	0.947	2.9	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142183	43000	228	1.008	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142184	42996	228	0.988	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142185	42996	228	0.972	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142186	43004	227.5	0.958	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142187	42996	227.5	0.963	3.1	0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142188	42996	227.5	0.972	3.1	1.1	324.8	0	0	83.8	84.2	23.4	23	0	0
142189	42996	227.5	0.986	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142190	43004	227.5	1.006	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142191	42992	227	0.995	3.1	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142192	43004	227.5	1.015	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23	0	0
142193	42996	228	0.97	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142194	43004	228	0.965	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142195	43004	227.5	0.981	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142196	43008	227.5	0.965	3.1	0.4	324.8	0	0	83.8	84.2	23.4	23	0	0
142197	43004	227.5	0.981	3.1	0	324.8	0	0	83.8	84.2	23.4	23	0	0
142198	42996	227.5	0.999	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142199	43000	227	0.963	3.1	-1	324.8	0	0	83.8	84.2	23.4	23	0	0
142200	43004	227	0.972	3.1	-0.7	324.8	0	0	83.8	84.2	23.4	23	0	0
142201	43008	227.5	0.958	3.1	-0.3	324.8	0	0	83.8	84.4	23.4	23	0	0
142202	43004	227.5	0.983	3.1	-0.3	324.8	0	0	83.8	84.4	23.4	23	0	0
142203	43004	228	0.937	3.1	-0.3	324.8	0	0	83.8	84.2	23.4	23.1	0	0

142204	43004	228	0.979	3.1	0	324.8	0	0	83.8	84.2	23.4	23.1	0	0
142205	42996	228	0.947	2.9	0.4	324.8	0	0	83.9	84.2	23.4	23.1	0	0
142206	43000	228	0.981	2.9	0.4	324.8	0	0	83.9	84.2	23.5	23.1	0	0
142207	43004	228	0.944	3.1	-0.3	324.8	0	0	83.9	84.4	23.5	23.1	0	0
142208	43000	227.5	0.97	3.1	-0.7	324.8	0	0	83.9	84.4	23.5	23.1	0	0
142209	42992	227.5	0.974	3.1	-0.3	324.8	0	0	83.9	84.6	23.5	23.1	0	0
142210	43012	227.5	0.956	2.9	-0.7	324.8	0	0	83.9	84.6	23.5	23.1	0	0
142211	42992	228	0.965	2.9	-1	324.8	0	0	83.9	84.4	23.5	23.1	0	0
142212	43008	228	0.986	3.1	-1	324.8	0	0	83.9	84.4	23.5	23.1	0	0
142213	43000	228	0.965	3.1	-0.3	324.8	0	0	83.9	84.4	23.5	23.3	0	0
142214	43000	228	0.986	3.1	0.7	324.8	0	0	83.9	84.4	23.5	23.3	0	0
142215	43000	228	0.967	3.1	1.1	324.8	0	0	83.8	84.4	23.5	23.3	0	0
142216	42996	228.5	0.988	2.9	0	324.8	0	0	83.8	84.4	23.5	23.3	0	0
142217	42996	228	0.988	3.1	-0.7	324.8	0	0	83.9	84.4	23.5	23.3	0	0
142218	43000	228	0.983	3.1	-0.3	324.8	0	0	83.9	84.4	23.5	23.3	0	0
142219	43004	228	0.972	3.1	0	324.8	0	0	83.9	84.4	23.5	23.3	0	0
142220	42988	228	0.983	3.1	0.4	324.8	0	0	83.9	84.4	23.5	23.3	0	0
142221	42996	228	0.963	3.1	0	324.8	0	0	84.1	84.4	23.5	23.3	0	0
142222	43000	227.5	0.972	3.1	0	324.8	0	0	84.1	84.4	23.5	23.3	0	0
142223	42996	227.5	0.967	2.9	0	324.8	0	0	84.1	84.4	23.5	23.3	0	0
142224	43000	228.5	0.992	2.9	-0.3	324.8	0	0	84.1	84.4	23.6	23.3	0	0
142225	42992	228.5	0.988	3.1	-1	324.8	0	0	83.9	84.4	23.6	23.3	0	0
142226	42996	228.5	0.972	2.9	-1	324.8	0	0	83.9	84.4	23.6	23.3	0	0
142227	43004	228	0.967	2.9	-0.7	324.8	0	0	83.9	84.4	23.6	23.3	0	0
142228	43000	228	0.958	2.9	0	324.8	0	0	83.9	84.4	23.6	23.3	0	0
142229	43000	228	0.979	2.9	0.4	324.8	0	0	84.1	84.6	23.6	23.3	0	0
142230	43000	228.5	0.983	3.1	0.7	324.8	0	0	84.1	84.6	23.6	23.3	0	0
142231	43012	229	0.972	2.9	-0.3	324.8	0	0	83.9	84.6	23.6	23.4	0	0
142232	43000	228	0.963	2.9	-0.7	324.8	0	0	83.9	84.6	23.6	23.4	0	0
142233	43000	228.5	0.942	2.9	-1	324.8	0	0	84.1	84.7	23.6	23.4	0	0
142234	43004	228.5	0.974	2.9	-0.3	324.8	0	0	84.1	84.7	23.6	23.4	0	0
142235	43000	228	0.933	2.9	0.4	324.8	0	0	84.1	84.6	23.6	23.4	0	0
142236	43008	228	0.999	3.1	0.7	324.8	0	0	84.1	84.6	23.6	23.4	0	0
142237	43004	228	0.963	2.9	0.4	324.8	0	0	83.9	84.7	23.6	23.4	0	0
142238	43008	228.5	0.967	2.9	-0.3	324.8	0	0	83.9	84.7	23.6	23.4	0	0
142239	43000	228	0.983	3.1	-0.7	324.8	0	0	83.9	84.7	23.6	23.5	0	0
142240	42996	228.5	0.958	2.9	-1	324.8	0	0	83.9	84.7	23.6	23.5	0	0
142241	43000	228	0.976	2.9	-0.7	324.8	0	0	84.1	84.7	23.6	23.5	0	0
142242	43000	228	0.97	2.9	0.4	324.8	0	0	84.1	84.7	23.6	23.5	0	0
142243	43004	228	0.976	2.9	0.7	324.8	0	0	84.1	84.7	23.6	23.5	0	0
142244	43008	228	0.995	3.1	0.4	324.8	0	0	84.1	84.7	23.6	23.5	0	0
142245	43008	228	0.976	2.9	-0.3	324.8	0	0	83.9	84.7	23.6	23.5	0	0
142246	43004	227.5	0.981	2.9	-0.7	324.8	0	0	83.9	84.7	23.6	23.5	0	0
142247	42992	228	0.981	2.9	0	324.8	0	0	83.9	84.7	23.6	23.5	0	0
142248	43008	228.5	0.949	2.9	0	324.8	0	0	83.9	84.7	23.6	23.5	0	0
142249	42992	228.5	1.006	2.9	0	324.8	0	0	83.9	84.7	23.6	23.5	0	0
142250	43000	228.5	0.947	2.9	0	324.8	0	0	83.9	84.7	23.6	23.5	0	0
142251	42996	229	0.988	3.1	0	324.8	0	0	83.9	84.6	23.6	23.5	0	0
142252	42988	229	0.958	3.1	0.4	324.8	0	0	83.9	84.6	23.6	23.5	0	0
142253	42996	229.5	1.004	3.1	-0.3	324.8	0	0	83.9	84.6	23.6	23.6	0	0
142254	42988	229.5	0.963	3.1	-0.3	324.8	0	0	83.9	84.6	23.6	23.6	0	0
142255	43004	229.5	0.983	3.1	-0.7	324.8	0	0	84.1	84.7	23.6	23.6	0	0
142256	42996	229	0.972	3.1	-0.3	324.8	0	0	84.1	84.7	23.6	23.6	0	0
142257	43004	228.5	0.983	3.1	-0.7	324.8	0	0	84.1	84.6	23.6	23.5	0	0
142258	42992	229	0.976	3.1	-0.7	324.5	0	0	84.1	84.6	23.6	23.5	0	0
142259	43000	229	0.94	3.1	-0.7	324.5	0	0	84.1	84.7	23.6	23.5	0	0
142260	42996	229	0.956	3.1	-0.3	324.5	0	0	84.1	84.7	23.7	23.5	0	0
142261	43008	229.5	0.99	2.9	0.7	324.5	0	0	83.9	84.7	23.7	23.6	0	0
142262	43000	229	0.965	2.9	1.1	324.5	0	0	83.9	84.7	23.7	23.6	0	0
142263	43000	229	0.956	2.9	0.4	324.5	0	0	83.9	84.7	23.7	23.6	0	0
142264	42996	229	0.949	2.9	-1	324.5	0	0	83.9	84.7	23.7	23.6	0	0
142265	42996	229	0.981	2.9	-0.7	324.5	0	0	84.1	84.6	23.7	23.5	0	0
142266	42996	229.5	0.956	2.9	0	324.5	0	0	84.1	84.6	23.7	23.5	0	0
142267	43012	229	0.956	2.9	0.7	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142268	43008	229	0.976	2.9	0.4	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142269	42992	229	0.976	2.9	-0.3	324.5	0	0	84.1	84.6	23.7	23.5	0	0
142270	43004	229.5	0.944	2.9	-0.7	324.5	0	0	84.1	84.6	23.7	23.5	0	0
142271	42996	229	0.986	2.9	-0.3	324.5	0	0	84.1	84.6	23.7	23.5	0	0
142272	42996	229	0.94	2.9	-0.3	324.5	0	0	84.1	84.6	23.7	23.5	0	0
142273	42992	229	0.976	2.9	-0.7	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142274	42992	229	0.96	2.9	-0.3	324.5	0	0	83.9	84.6	23.7	23.5	0	0

142275	43004	229	0.99	2.9	0	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142276	43000	229	0.96	2.9	0.4	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142277	42992	229	0.96	3.1	0.4	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142278	43000	229.5	0.956	3.1	0	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142279	42996	229.5	0.97	2.9	-0.3	324.5	0	0	83.9	84.4	23.7	23.5	0	0
142280	42996	229.5	0.965	2.9	-0.7	324.5	0	0	83.9	84.4	23.7	23.5	0	0
142281	42992	229.5	0.995	2.9	-0.7	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142282	42996	229.5	1.015	2.9	-0.7	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142283	42996	229.5	0.981	2.9	-0.3	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142284	42996	229	0.956	2.9	0.4	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142285	43000	229	0.96	2.9	0.7	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142286	43000	229.5	0.981	3.1	0.4	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142287	42996	229.5	0.965	3.1	-0.7	324.5	0	0	83.8	84.6	23.7	23.5	0	0
142288	43004	230	0.96	3.1	-0.7	324.5	0	0	83.8	84.6	23.7	23.5	0	0
142289	42992	229.5	0.949	2.9	-0.7	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142290	43004	229.5	0.931	2.9	-0.7	324.5	0	0	83.9	84.6	23.7	23.5	0	0
142291	43004	230	0.94	2.9	-0.3	324.5	0	0	83.8	84.4	23.7	23.5	0	0
142292	42996	230	0.986	2.9	0	324.5	0	0	83.8	84.4	23.7	23.5	0	0
142293	42996	230.5	0.958	2.9	0.7	324.8	0	0	83.8	84.6	23.7	23.5	0	0
142294	43004	230	0.947	2.9	0.7	324.8	0	0	83.8	84.6	23.7	23.5	0	0
142295	43008	229.5	0.992	2.9	0.7	324.8	0	0	83.8	84.6	23.7	23.5	0	0
142296	43008	229	0.912	2.9	0.4	324.5	0	0	83.8	84.6	23.6	23.5	0	0
142297	43004	229.5	0.951	2.9	-0.7	324.5	0	0	83.9	84.6	23.6	23.5	0	0
142298	42996	230	0.988	2.9	-1.4	324.5	0	0	83.9	84.6	23.6	23.5	0	0
142299	42996	229.5	0.951	2.9	-1	324.5	0	0	83.9	84.4	23.6	23.5	0	0
142300	43000	230	0.947	2.9	-0.7	324.5	0	0	83.9	84.4	23.6	23.5	0	0
142301	42996	230	0.992	2.9	-0.3	324.5	0	0	83.9	84.6	23.6	23.5	0	0
142302	43008	230	0.979	2.9	0	324.5	0	0	83.9	84.6	23.6	23.5	0	0
142303	43004	229.5	0.988	2.9	-0.3	324.1	0	0	83.8	84.4	23.6	23.5	0	0
142304	43000	229.5	0.992	2.9	-0.3	324.5	0	0	83.8	84.4	23.6	23.5	0	0
142305	42992	229.5	0.972	2.9	0.4	324.1	0	0	83.8	84.4	23.6	23.5	0	0
142306	43004	229	0.933	2.9	0.4	324.1	0	0	83.8	84.4	23.6	23.5	0	0
142307	43004	229	1.008	3.1	-0.3	324.1	0	0	83.8	84.4	23.6	23.5	0	0
142308	43008	229	0.967	3.1	-0.3	324.1	0	0	83.8	84.4	23.6	23.5	0	0
142309	42996	229.5	0.947	2.9	-0.7	324.1	0	0	83.8	84.4	23.6	23.5	0	0
142310	42996	229	0.958	2.9	-0.7	324.1	0	0	83.8	84.4	23.6	23.5	0	0
142311	42996	229	0.992	2.9	0	324.5	0	0	83.8	84.4	23.6	23.4	0	0
142312	42996	229.5	0.972	2.9	1.1	324.1	0	0	83.8	84.4	23.6	23.4	0	0
142313	43004	229.5	0.972	2.9	1.1	324.1	0	0	83.8	84.4	23.6	23.4	0	0
142314	43000	229.5	0.972	2.9	0.7	324.1	0	0	83.8	84.4	23.6	23.4	0	0
142315	42992	229.5	0.979	2.9	0	324.5	0	0	83.8	84.2	23.6	23.4	0	0
142316	42996	229.5	0.979	2.9	-1	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142317	43004	229.5	0.979	2.9	-1	324.1	0	0	83.6	84.4	23.6	23.4	0	0
142318	43004	229.5	1.008	2.9	-1	324.1	0	0	83.6	84.4	23.6	23.4	0	0
142319	43004	229	0.947	2.9	-0.3	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142320	42996	229	0.999	3.1	0	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142321	43000	229.5	0.983	3.1	0.4	324.5	0	0	83.8	84.2	23.6	23.4	0	0
142322	42996	229.5	0.983	3.1	0.4	324.5	0	0	83.8	84.2	23.6	23.4	0	0
142323	43004	229.5	0.992	3.1	0	324.5	0	0	83.8	84.2	23.6	23.4	0	0
142324	43004	229.5	0.988	3.1	-0.3	324.5	0	0	83.8	84.2	23.6	23.4	0	0
142325	43008	229.5	0.979	2.9	-0.3	324.5	0	0	83.8	84.2	23.6	23.4	0	0
142326	42996	229.5	0.967	2.9	-0.7	324.5	0	0	83.8	84.2	23.6	23.4	0	0
142327	43000	230	0.979	2.9	-1	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142328	43008	230	0.97	2.9	-0.7	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142329	43004	230	0.97	2.9	-0.3	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142330	42996	229.5	0.974	2.9	0	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142331	43000	229.5	0.96	2.9	0.4	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142332	42996	229.5	0.97	2.9	0.4	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142333	43004	230	0.981	2.9	0	324.1	0	0	83.6	84.2	23.6	23.4	0	0
142334	42996	229.5	0.97	2.9	0	324.1	0	0	83.6	84.2	23.6	23.4	0	0
142335	43000	229	0.956	2.9	0	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142336	42996	229	0.981	2.9	-0.3	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142337	43000	229.5	0.995	2.9	0	324.1	0	0	83.6	84.2	23.6	23.4	0	0
142338	43004	229.5	0.99	2.9	0	324.1	0	0	83.6	84.2	23.6	23.4	0	0
142339	43000	229	0.99	2.9	0	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142340	43000	229	1.002	2.9	-0.3	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142341	42992	229	0.956	2.9	-0.7	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142342	43004	229	0.976	3.1	-1	324.1	0	0	83.8	84.2	23.6	23.4	0	0
142343	43000	229	0.99	3.1	-0.7	324.1	0	0	83.8	84.1	23.6	23.3	0	0
142344	42992	229	1.006	3.1	-0.3	324.1	0	0	83.8	84.1	23.6	23.3	0	0
142345	43000	229	0.992	3.1	0.4	324.1	0	0	83.8	84.2	23.6	23.3	0	0

142346	43000	228.5	0.992	3.1	0.7	324.1	0	0	83.8	84.2	23.5	23.3	0	0
142347	43008	228.5	0.983	3.1	0.7	324.1	0	0	83.8	84.1	23.5	23.3	0	0
142348	43008	228.5	0.951	3.1	0.4	324.1	0	0	83.8	84.1	23.5	23.3	0	0
142349	43000	228.5	0.988	3.1	-0.3	324.1	0	0	83.8	84.2	23.5	23.3	0	0
142350	43004	228	0.972	2.9	-1	324.1	0	0	83.8	84.2	23.5	23.3	0	0
142351	42996	228	0.967	2.9	-1.4	323.8	0	0	83.8	84.1	23.5	23.3	0	0
142352	43004	228	0.951	2.9	-1	323.8	0	0	83.8	84.1	23.5	23.3	0	0
142353	42992	228	0.947	2.9	-0.3	323.8	0	0	83.6	84.2	23.5	23.3	0	0
142354	42996	228.5	0.986	2.9	0.4	323.8	0	0	83.6	84.2	23.5	23.3	0	0
142355	42996	228.5	0.981	2.9	0.4	323.8	0	0	83.8	84.2	23.5	23.3	0	0
142356	43000	228.5	0.99	2.9	0.4	323.8	0	0	83.8	84.2	23.5	23.3	0	0
142357	42992	228.5	1.011	2.9	-0.3	324.1	0	0	83.6	84.2	23.5	23.3	0	0
142358	43004	228.5	0.981	3.1	-0.7	324.1	0	0	83.6	84.2	23.5	23.3	0	0
142359	42996	228	1.006	3.1	-0.7	323.8	0	0	83.8	84.1	23.5	23.3	0	0
142360	43004	228	0.99	3.1	-0.7	323.8	0	0	83.8	84.1	23.5	23.3	0	0
142361	42996	228.5	0.99	3.1	-0.7	323.8	0	0	83.8	84.2	23.5	23.3	0	0
142362	42992	228.5	0.963	3.1	-0.3	323.8	0	0	83.8	84.2	23.5	23.3	0	0
142363	42992	228.5	0.979	3.1	0.4	324.1	0	0	83.8	84.1	23.5	23.3	0	0
142364	42996	228.5	0.992	3.1	0.7	324.1	0	0	83.8	84.1	23.5	23.3	0	0
142365	42996	228	0.983	3.1	0.7	324.1	0	0	83.8	84.2	23.5	23.3	0	0
142366	42992	228	0.953	3.1	0	324.1	0	0	83.8	84.2	23.5	23.3	0	0
142367	43000	228	0.963	3.1	-0.3	324.1	0	0	83.8	84.2	23.5	23.3	0	0
142368	43000	228.5	0.967	3.1	-0.7	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142369	43000	228	0.958	2.9	-1	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142370	42992	228	0.963	2.9	-0.7	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142371	42996	228	0.979	2.9	-0.3	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142372	43004	228	0.972	2.9	-0.3	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142373	42992	228	0.972	2.9	0.4	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142374	42992	228	0.972	2.9	0.4	324.1	0	0	83.8	84.2	23.6	23.3	0	0
142375	43008	228	0.979	2.9	0	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142376	43004	227.5	0.999	3.1	0	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142377	43004	227.5	0.967	3.1	-0.3	324.1	0	0	83.8	84.1	23.6	23.3	0	0
142378	42992	227.5	0.988	3.1	-0.7	324.1	0	0	83.8	84.1	23.6	23.3	0	0
142379	43004	227.5	0.963	3.1	-0.7	324.1	0	0	83.9	84.1	23.6	23.3	0	0
142380	42996	227.5	0.983	3.1	-0.7	324.1	0	0	83.9	84.1	23.6	23.3	0	0
142381	43004	227.5	0.963	3.1	-0.7	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142382	42996	227.5	0.958	3.1	0	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142383	43000	227.5	0.947	3.1	0.4	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142384	43004	227.5	0.963	3.1	0.4	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142385	42992	227	0.951	3.1	0.4	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142386	43000	227.5	0.958	2.9	0	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142387	42992	227.5	0.972	2.9	-0.3	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142388	43000	227.5	0.974	2.9	-0.7	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142389	42996	227.5	0.956	2.9	-1	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142390	43008	227.5	0.965	2.9	-1	324.1	0	0	83.9	84.2	23.6	23.3	0	0
142391	42992	227.5	0.97	2.9	-0.7	323.8	0	0	83.9	84.2	23.6	23.3	0	0
142392	42996	227.5	0.97	2.9	-0.3	323.8	0	0	83.9	84.2	23.6	23.3	0	0
142393	42996	227.5	0.96	2.9	0.4	323.8	0	0	83.9	84.4	23.6	23.3	0	0
142394	42992	227.5	0.956	2.9	0.4	324.1	0	0	83.9	84.4	23.7	23.3	0	0
142395	42996	227.5	1.006	3.1	0.4	324.1	0	0	83.9	84.2	23.7	23.3	0	0
142396	42996	227.5	0.965	3.1	0	324.1	0	0	83.9	84.2	23.7	23.3	0	0
142397	42996	228	0.963	3.1	-0.3	324.1	0	0	83.9	84.2	23.7	23.3	0	0
142398	43000	228	0.963	3.1	-0.7	324.1	0	0	83.9	84.2	23.7	23.3	0	0
142399	42992	228	0.988	3.1	-0.7	324.1	0	0	84.1	84.4	23.7	23.3	0	0
142400	43004	227.5	0.967	3.1	-0.3	324.1	0	0	84.1	84.4	23.7	23.3	0	0
142401	43000	227.5	0.958	3.1	0	324.1	0	0	84.1	84.4	23.7	23.3	0	0
142402	42996	227.5	0.992	3.1	0.4	324.1	0	0	84.1	84.4	23.7	23.3	0	0
142403	42996	227.5	0.958	3.1	0.4	324.1	0	0	83.9	84.2	23.7	23.3	0	0
142404	43000	227	0.942	3.1	0	324.1	0	0	83.9	84.2	23.7	23.3	0	0
142405	43000	227	0.967	3.1	-0.3	324.1	0	0	83.9	84.4	23.7	23.3	0	0
142406	43004	227	0.97	3.1	-1	324.1	0	0	83.9	84.4	23.7	23.3	0	0
142407	43000	227	0.944	2.9	-1	324.1	0	0	84.1	84.2	23.7	23.3	0	0
142408	43008	227	0.935	2.9	-0.3	324.1	0	0	84.1	84.2	23.7	23.3	0	0
142409	43000	227	0.956	2.9	0.4	324.1	0	0	83.9	84.4	23.7	23.3	0	0
142410	43004	227	0.949	2.9	0.7	324.1	0	0	83.9	84.4	23.7	23.3	0	0
142411	42996	227	0.956	2.9	0.4	324.1	0	0	83.9	84.4	23.7	23.3	0	0
142412	43008	227	0.97	2.9	0	324.1	0	0	83.9	84.4	23.7	23.3	0	0
142413	42996	227	0.97	3.1	0	324.1	0	0	83.9	84.2	23.7	23.3	0	0
142414	43004	227	0.967	3.1	-0.3	324.1	0	0	83.9	84.2	23.7	23.3	0	0
142415	43004	227.5	1.008	3.1	-0.3	324.1	0	0	84.1	84.4	23.7	23.3	0	0
142416	42996	227.5	0.967	3.1	-0.7	324.1	0	0	84.1	84.4	23.7	23.3	0	0

142417	43000	227.5	0.967	3.1	-0.7	324.1	0	0	84.1	84.4	23.7	23.4	0	0
142418	42996	227.5	0.988	3.1	-0.3	324.1	0	0	84.1	84.4	23.7	23.4	0	0
142419	42992	227.5	0.979	3.1	-0.7	323.8	0	0	84.1	84.4	23.7	23.4	0	0
142420	42996	227.5	0.958	3.1	-0.7	323.8	0	0	84.1	84.4	23.7	23.4	0	0
142421	42996	227.5	0.967	3.1	-0.3	323.8	0	0	84.1	84.4	23.7	23.5	0	0
142422	42996	227.5	0.951	3.1	0	323.8	0	0	84.1	84.4	23.7	23.5	0	0
142423	42996	227.5	0.951	3.1	0.4	323.8	0	0	84.1	84.4	23.7	23.5	0	0
142424	42992	227.5	0.972	3.1	0.4	323.8	0	0	84.1	84.4	23.9	23.5	0	0
142425	43004	228	0.947	3.1	0	323.8	0	0	84.1	84.4	23.9	23.5	0	0
142426	43004	227.5	0.983	3.1	-0.3	324.1	0	0	84.1	84.4	23.9	23.5	0	0
142427	43000	227.5	0.983	3.1	-0.3	324.1	0	0	84.1	84.6	23.9	23.5	0	0
142428	42988	228	0.976	3.1	-0.7	324.1	0	0	84.1	84.6	23.9	23.5	0	0
142429	42996	228	0.972	3.1	-0.7	324.1	0	0	84.1	84.6	23.9	23.5	0	0
142430	42996	227.5	0.967	3.1	-0.3	324.1	0	0	84.1	84.6	23.9	23.5	0	0
142431	42996	228	0.983	3.1	0	324.1	0	0	84.1	84.4	23.9	23.5	0	0
142432	42992	228	0.96	3.1	0.4	324.1	0	0	84.1	84.4	23.9	23.5	0	0
142433	43000	228	0.981	3.1	0.7	324.1	0	0	84.1	84.6	23.9	23.6	0	0
142434	42996	227.5	1.002	3.1	0.4	324.1	0	0	84.1	84.6	23.9	23.6	0	0
142435	43004	227.5	0.981	3.1	0	324.1	0	0	84.1	84.7	23.9	23.7	0	0
142436	43004	227.5	0.99	3.1	-0.3	324.1	0	0	84.1	84.7	23.9	23.7	0	0
142437	43000	227.5	0.99	3.3	-1	324.1	0	0	84.1	84.7	23.9	23.7	0	0
142438	42992	227.5	0.99	3.3	-1	324.1	0	0	84.1	84.7	23.9	23.7	0	0
142439	43000	227.5	0.986	3.1	-0.7	324.1	0	0	84.1	84.9	23.9	23.9	0	0
142440	43000	227.5	0.967	3.1	0	324.1	0	0	84.1	84.9	23.9	23.9	0	0
142441	43000	228	0.976	3.1	0.4	324.1	0	0	84.1	85	23.9	24	0	0
142442	42996	228	0.963	3.1	0.4	324.1	0	0	84.1	85	23.9	24	0	0
142443	43000	228	0.972	3.1	0	324.1	0	0	84.1	84.9	23.9	24	0	0
142444	43004	228	0.972	3.1	-0.7	324.1	0	0	84.1	84.9	23.9	24	0	0
142445	42996	228.5	0.951	2.9	-2.8	324.1	0	0	84.1	84.9	23.9	24.1	0	0
142446	42992	228	0.972	2.9	-5.2	323.8	0	0	84.1	84.9	23.9	24.1	0	0
142447	43000	228	0.951	2.9	-7.3	323.4	0	0	84.1	85	23.9	24.1	0	0
142448	43000	228	0.958	2.9	-8	323.1	0	0	84.1	85	23.9	24.1	0	0
142449	43000	228	0.972	2.9	-8.4	322.7	0	0	84.2	85	23.9	24.1	0	0
142450	42996	228.5	0.979	2.9	-8	322.4	0	0	84.2	85	24	24.1	0	0
142451	43008	228.5	1.004	2.9	-7.3	322	0	0	84.1	85	24	24.1	0	0
142452	42992	228.5	1.024	3.1	-7	321.7	0	0	84.1	85	24	24.1	0	0
142453	43000	228.5	1.013	3.1	-6.6	321.3	0	0	84.2	85	24	24.1	0	0
142454	42992	228.5	0.992	3.1	-6.6	321.3	0	0	84.2	85	24	24.1	0	0
142455	42992	228.5	0.992	3.1	-7	321	0	0	84.2	85	24	24.2	0	0
142456	42992	228.5	0.992	3.1	-7.3	320.6	0	0	84.2	85	24	24.2	0	0
142457	42996	228.5	0.951	3.1	-7.7	320.3	0	0	84.2	85	24	24.2	0	0
142458	42996	228.5	0.976	2.9	-8	319.9	0	0	84.2	85	24	24.2	0	0
142459	42996	228.5	0.995	2.9	-7.7	319.6	0	0	84.2	85	24	24.2	0	0
142460	43004	228.5	0.995	2.9	-7	319.2	0	0	84.2	85	24	24.2	0	0
142461	43000	228.5	0.96	2.9	-6.6	319.2	0	0	84.2	85	24	24.2	0	0
142462	42992	228.5	0.986	2.9	-6.3	318.9	0	0	84.2	85	24	24.2	0	0
142463	42992	228.5	0.96	2.9	-6.6	318.5	0	0	84.2	85	24	24.2	0	0
142464	42996	228.5	0.97	2.9	-7	318.2	0	0	84.2	85	24.1	24.2	0	0
142465	42996	228.5	0.995	2.9	-7.3	318.2	0	0	84.2	85	24.1	24.1	0	0
142466	42996	228.5	1.013	2.9	-7.7	317.8	0	0	84.2	85	24.1	24.1	0	0
142467	43004	228.5	1.008	2.9	-7.7	317.5	0	0	84.2	84.9	24.1	24	0	0
142468	42992	228.5	1.004	2.9	-7.3	317.1	0	0	84.2	84.9	24.1	24	0	0
142469	43004	228.5	0.988	3.1	-7	316.8	0	0	84.2	84.9	24.1	24	0	0
142470	43004	228.5	1.024	3.1	-6.3	316.4	0	0	84.2	84.9	24	24	0	0
142471	42992	228.5	1.018	3.1	-4.2	316.4	0	0	84.2	84.9	24	24	0	0
142472	42996	228.5	0.983	3.1	-1.7	316.1	0	0	84.2	84.9	24	24	0	0
142473	43012	228.5	0.988	3.1	1.1	316.4	0	0	84.2	84.9	24	23.9	0	0
142474	42992	228.5	0.958	3.1	3.5	316.4	0	0	84.2	84.9	24	23.9	0	0
142475	43000	228.5	0.935	3.1	4.2	316.8	0	0	84.2	84.9	24	23.9	0	0
142476	42992	228.5	0.935	2.9	4.2	317.1	0	0	84.2	84.9	24	23.9	0	0
142477	42992	228	0.949	2.9	3.9	317.1	0	0	84.2	84.7	24	23.9	0	0
142478	42992	228	0.97	2.9	2.8	317.5	0	0	84.2	84.7	24	23.9	0	0
142479	42996	228	0.99	2.9	1.8	317.5	0	0	84.2	84.7	24	23.9	0	0
142480	42996	228.5	0.986	2.9	0.7	317.5	0	0	84.2	84.7	24	23.9	0	0
142481	42992	228.5	0.995	3.1	0	317.5	0	0	84.2	84.9	24	23.7	0	0
142482	43000	228.5	0.99	3.1	-0.3	317.5	0	0	84.2	84.9	24	23.7	0	0
142483	42988	228.5	0.99	3.1	-0.7	317.5	0	0	84.2	84.7	24	23.7	0	0
142484	43000	228	0.974	3.1	-0.7	317.5	0	0	84.2	84.7	24	23.7	0	0
142485	42996	228	0.981	3.1	-0.7	317.1	0	0	84.2	84.7	24	23.7	0	0
142486	43000	228.5	0.99	3.1	-1	317.1	0	0	84.2	84.7	24	23.7	0	0
142487	42992	228.5	0.956	3.1	-1.4	317.1	0	0	84.2	84.7	24	23.7	0	0

142488	42992	228.5	0.949	3.1	-1.4	317.1	0	0	84.2	84.7	24	23.7	0	0
142489	42996	228.5	0.94	3.1	-1.4	317.1	0	0	84.2	84.7	24	23.7	0	0
142490	42996	228.5	0.965	2.9	-1.4	317.1	0	0	84.2	84.7	24	23.7	0	0
142491	42992	228.5	0.96	2.9	-1.7	317.1	0	0	84.2	84.7	24	23.7	0	0
142492	43004	228.5	0.974	2.9	-1.7	316.8	0	0	84.2	84.7	24	23.7	0	0
142493	43004	228	0.986	2.9	-1.7	316.8	0	0	84.2	84.7	24	23.6	0	0
142494	43000	228	0.96	2.9	-1.7	316.8	0	0	84.2	84.7	24	23.6	0	0
142495	43000	228.5	0.99	3.1	-2.1	316.8	0	0	84.2	84.7	24	23.6	0	0
142496	42996	228.5	1.002	3.1	-2.1	316.8	0	0	84.2	84.7	24	23.6	0	0
142497	43000	228.5	1.015	3.1	-1.7	316.4	0	0	84.2	84.7	24	23.6	0	0
142498	42996	228.5	0.974	3.1	-1.4	316.4	0	0	84.2	84.7	24	23.6	0	0
142499	43004	228.5	0.96	3.1	-1	316.4	0	0	84.2	84.7	24	23.6	0	0
142500	43004	228.5	0.965	3.1	-0.7	316.4	0	0	84.2	84.7	24	23.6	0	0
142501	42992	228.5	0.99	3.1	-0.7	316.4	0	0	84.2	84.7	24	23.6	0	0
142502	42992	228.5	0.986	3.1	-1	316.4	0	0	84.2	84.7	24	23.6	0	0
142503	43000	228.5	0.981	2.9	-1.4	316.4	0	0	84.2	84.9	24	23.7	0	0
142504	43000	228.5	0.956	2.9	-1.7	316.4	0	0	84.2	84.9	24	23.7	0	0
142505	43004	228.5	0.956	2.9	-2.1	316.1	0	0	84.2	84.9	24	23.7	0	0
142506	43004	228.5	0.976	2.9	-1.7	316.1	0	0	84.2	84.9	24	23.7	0	0
142507	42996	228.5	0.956	2.9	-1	316.1	0	0	84.2	84.9	24	23.7	0	0
142508	42992	228.5	0.986	2.9	-0.7	316.1	0	0	84.2	84.9	24	23.7	0	0
142509	43000	228.5	0.99	2.9	-0.3	316.1	0	0	84.2	84.9	24	23.7	0	0
142510	43004	228.5	0.986	2.9	-0.3	316.1	0	0	84.2	84.9	24	23.7	0	0
142511	43000	228.5	0.976	3.1	-0.7	316.1	0	0	84.2	84.9	24	23.7	0	0
142512	42996	228.5	0.995	3.1	-1	316.1	0	0	84.2	84.9	24	23.7	0	0
142513	42992	228.5	0.995	3.1	-1.4	316.1	0	0	84.2	84.9	24	23.7	0	0
142514	43000	228.5	0.99	3.1	-1.4	316.1	0	0	84.2	84.9	24	23.7	0	0
142515	42996	228.5	0.965	3.1	-1.4	315.7	0	0	84.2	84.9	24	23.9	0	0
142516	42992	229	0.986	3.1	-1	315.7	0	0	84.2	84.9	24	23.9	0	0
142517	43004	228.5	0.995	3.1	-0.7	315.7	0	0	84.2	84.9	24	23.9	0	0
142518	42996	228.5	0.967	3.1	-0.3	315.7	0	0	84.2	84.9	24	23.9	0	0
142519	43000	228.5	0.963	3.1	-0.3	315.7	0	0	84.2	84.9	24	23.9	0	0
142520	42992	228.5	0.963	3.1	-0.3	315.7	0	0	84.2	84.9	24	23.9	0	0
142521	42996	228.5	0.951	3.1	-0.7	315.7	0	0	84.2	84.9	24	23.9	0	0
142522	42992	228.5	0.972	3.1	-1	315.7	0	0	84.2	84.9	24	23.9	0	0
142523	42996	228.5	0.967	2.9	-1.4	315.7	0	0	84.2	84.9	24	23.9	0	0
142524	43004	228.5	0.979	2.9	-1.4	315.7	0	0	84.2	84.9	24	23.9	0	0
142525	42996	228.5	0.988	2.9	-0.7	315.7	0	0	84.2	84.9	24	23.9	0	0
142526	42992	228.5	0.972	2.9	-0.3	315.3	0	0	84.2	84.9	24	23.9	0	0
142527	43004	228.5	0.983	2.9	0	315.7	0	0	84.4	84.9	24	23.7	0	0
142528	42996	228.5	0.974	3.1	0	315.7	0	0	84.4	84.9	24	23.7	0	0
142529	43004	228.5	0.988	3.1	0	315.7	0	0	84.2	84.9	24	23.7	0	0
142530	43000	228.5	0.988	3.1	-0.3	315.7	0	0	84.2	84.9	24	23.7	0	0
142531	42992	228.5	0.992	3.1	-0.7	315.7	0	0	84.2	84.9	24	23.7	0	0
142532	42996	228.5	0.983	3.1	-1	315.3	0	0	84.2	84.9	24	23.7	0	0
142533	43008	228.5	0.967	3.1	-1	315.3	0	0	84.4	84.9	24	23.7	0	0
142534	43000	229	0.979	3.1	-0.7	315.3	0	0	84.4	84.9	24	23.7	0	0
142535	43008	229	0.979	3.1	-0.3	315.3	0	0	84.4	84.9	24	23.7	0	0
142536	43008	229	0.992	3.1	0.4	315.3	0	0	84.4	84.9	24	23.7	0	0
142537	42996	229	0.992	3.1	0.4	315.3	0	0	84.4	84.9	24	23.7	0	0
142538	43004	229	0.972	3.1	0	315.3	0	0	84.4	84.9	24	23.7	0	0
142539	42996	229	0.947	3.1	-0.3	315.7	0	0	84.2	84.9	24	23.7	0	0
142540	43008	229	0.947	2.9	-1	315.3	0	0	84.2	84.9	24	23.7	0	0
142541	43000	229	0.979	2.9	-1	315.3	0	0	84.4	84.9	24	23.7	0	0
142542	43004	229	0.967	2.9	-0.7	315.3	0	0	84.4	84.9	24	23.7	0	0
142543	43004	229	0.972	2.9	-0.3	315.3	0	0	84.2	84.9	24	23.7	0	0
142544	43000	229	0.972	2.9	0	315.3	0	0	84.2	84.9	24	23.7	0	0
142545	43004	229	0.951	2.9	0.4	315.3	0	0	84.2	85	24	23.9	0	0
142546	42992	229	0.967	2.9	0.4	315.3	0	0	84.2	85	24	23.9	0	0
142547	42996	229	0.992	2.9	-0.3	315.3	0	0	84.4	84.9	24	23.9	0	0
142548	43000	229	0.983	2.9	-0.7	315.3	0	0	84.4	84.9	24	23.9	0	0
142549	42996	229	0.967	2.9	-1	315.3	0	0	84.2	84.9	24	23.9	0	0
142550	42992	229.5	0.999	2.9	-0.7	315.3	0	0	84.2	84.9	24	23.9	0	0
142551	42996	229	1.004	3.1	-0.3	315.3	0	0	84.4	84.9	24	23.9	0	0
142552	43000	229	0.951	3.1	0	315.3	0	0	84.4	84.9	24	23.9	0	0
142553	43004	229	0.963	3.1	0.4	315.3	0	0	84.4	84.9	24	23.9	0	0
142554	43000	229.5	0.992	3.1	0.4	315.3	0	0	84.4	84.9	24	23.9	0	0
142555	43004	229	0.942	3.1	0	315.3	0	0	84.2	84.9	24	23.9	0	0
142556	43004	229	0.972	2.9	-0.3	315.3	0	0	84.2	84.9	24	23.9	0	0
142557	42996	229.5	0.947	2.9	-0.7	315.3	0	0	84.2	84.9	24	23.9	0	0
142558	42996	229.5	0.963	2.9	-1	315.3	0	0	84.2	84.9	24	23.9	0	0

142559	42996	229.5	0.947	2.9	-0.7	315.3	0	0	84.2	84.9	24	23.9	0	0
142560	43008	229.5	0.958	2.9	-0.3	315.3	0	0	84.2	84.9	24	23.9	0	0
142561	42996	229.5	0.967	2.9	0.4	315.3	0	0	84.2	84.7	24	23.9	0	0
142562	43000	229.5	0.972	2.9	0.7	315.3	0	0	84.2	84.7	24	23.9	0	0
142563	43008	229.5	0.999	2.9	0.4	315.3	0	0	84.2	84.7	24	23.7	0	0
142564	43000	229	0.979	2.9	-0.3	315.3	0	0	84.2	84.7	24	23.7	0	0
142565	42996	229.5	0.999	3.1	-0.3	315.3	0	0	84.2	84.7	24	23.7	0	0
142566	42988	229.5	0.999	3.1	-0.7	315.3	0	0	84.2	84.7	24	23.7	0	0
142567	42992	229.5	0.983	3.1	-0.7	315.3	0	0	84.2	84.7	24	23.7	0	0
142568	42992	229.5	0.979	3.1	-0.3	315.3	0	0	84.2	84.7	24	23.7	0	0
142569	43000	229.5	0.947	3.1	0	315.3	0	0	84.2	84.7	24	23.7	0	0
142570	43004	229.5	0.99	3.1	0.4	315.3	0	0	84.2	84.7	24	23.7	0	0
142571	43004	229.5	0.949	3.1	0.4	315.3	0	0	84.2	84.7	24	23.7	0	0
142572	43000	229.5	0.99	3.1	0	315.3	0	0	84.2	84.7	24	23.7	0	0
142573	43008	229.5	0.965	2.9	-0.3	315.3	0	0	84.2	84.7	24	23.7	0	0
142574	42996	229.5	0.96	2.9	-0.7	315.3	0	0	84.2	84.7	24	23.7	0	0
142575	42996	229.5	0.956	2.9	-0.7	315.3	0	0	84.2	84.7	24	23.7	0	0
142576	43004	229.5	0.94	2.9	-0.7	315.3	0	0	84.2	84.7	24	23.7	0	0
142577	42992	229.5	0.96	2.9	0	315	0	0	84.2	84.7	24	23.7	0	0
142578	43000	229.5	0.944	2.9	0.4	315	0	0	84.2	84.7	24	23.7	0	0
142579	43004	229.5	0.986	2.9	0.7	315.3	0	0	84.1	84.7	24	23.7	0	0
142580	42988	230	0.981	2.9	0.4	315.3	0	0	84.1	84.7	24	23.7	0	0
142581	42992	230	0.974	2.9	0	315.3	0	0	84.1	84.7	24	23.7	0	0
142582	43000	230	0.981	3.1	-0.7	315.3	0	0	84.1	84.7	24	23.7	0	0
142583	43004	230	0.974	2.9	-1	315	0	0	84.1	84.7	24	23.7	0	0
142584	43004	230	0.995	3.1	-0.7	315	0	0	84.1	84.7	24	23.7	0	0
142585	43008	230	0.995	3.1	-0.3	315	0	0	84.1	84.7	24	23.7	0	0
142586	43000	230	0.981	3.1	0	315	0	0	84.1	84.7	24	23.7	0	0
142587	42996	230	0.974	3.1	0.4	315	0	0	84.2	84.7	24	23.7	0	0
142588	43008	230	0.963	3.1	0.4	315	0	0	84.2	84.7	24	23.7	0	0
142589	42992	230	0.972	3.1	0	315.3	0	0	84.1	84.6	24	23.7	0	0
142590	43004	229.5	0.963	3.1	-0.3	315.3	0	0	84.1	84.6	24	23.7	0	0
142591	43004	229.5	0.958	2.9	-0.7	315	0	0	84.1	84.7	24	23.7	0	0
142592	42992	229.5	0.958	2.9	-1	315	0	0	84.1	84.7	24	23.7	0	0
142593	43004	229.5	0.967	2.9	-0.7	315	0	0	84.1	84.6	24	23.7	0	0
142594	42996	229.5	0.972	2.9	-0.3	315	0	0	84.1	84.6	23.9	23.7	0	0
142595	43008	229.5	0.967	2.9	0	315	0	0	84.2	84.7	23.9	23.7	0	0
142596	43004	229.5	0.97	2.9	0.4	315	0	0	84.2	84.7	23.9	23.7	0	0
142597	42992	230	0.965	2.9	0.4	315	0	0	84.1	84.7	23.9	23.7	0	0
142598	43000	230	0.981	2.9	0.4	315	0	0	84.1	84.7	23.9	23.7	0	0
142599	42996	230	0.99	2.9	0	315.3	0	0	84.1	84.7	23.9	23.7	0	0
142600	42992	230	0.97	3.1	0	315.3	0	0	84.1	84.7	23.9	23.7	0	0
142601	42996	230	0.99	3.1	0	315.3	0	0	83.9	84.7	23.9	23.7	0	0
142602	43008	230	0.99	3.1	0	315.3	0	0	83.9	84.7	23.9	23.7	0	0
142603	43000	230	0.995	3.1	-0.3	315	0	0	83.9	84.7	23.9	23.7	0	0
142604	43000	229.5	0.96	3.1	-0.3	315	0	0	83.9	84.7	23.9	23.7	0	0
142605	43004	229.5	0.972	3.1	-0.7	315	0	0	84.1	84.7	23.9	23.7	0	0
142606	42988	229.5	0.967	2.9	-0.7	315	0	0	84.1	84.7	23.7	23.7	0	0
142607	43000	229.5	0.937	2.9	-0.7	315	0	0	83.9	84.6	23.7	23.6	0	0
142608	43000	229	0.963	2.9	-0.3	315	0	0	83.9	84.6	23.7	23.6	0	0
142609	42996	229.5	0.942	2.9	0	315	0	0	84.1	84.7	23.7	23.6	0	0
142610	43008	229.5	1.004	2.9	0.4	315	0	0	84.1	84.7	23.7	23.6	0	0
142611	43004	230	0.972	2.9	0.4	315	0	0	83.9	84.7	23.7	23.6	0	0
142612	43004	230	1.004	2.9	0.4	315	0	0	83.9	84.7	23.7	23.6	0	0
142613	43000	230	0.999	2.9	0	315	0	0	83.9	84.6	23.7	23.6	0	0
142614	43004	230	0.986	2.9	-0.3	315	0	0	83.9	84.6	23.7	23.6	0	0
142615	43000	230	0.995	2.9	-0.7	315	0	0	83.9	84.7	23.7	23.7	0	0
142616	43004	230.5	0.995	2.9	-0.7	315	0	0	83.9	84.7	23.7	23.7	0	0
142617	42996	230	0.986	2.9	-0.7	315	0	0	84.1	84.7	23.7	23.7	0	0
142618	43004	230	1.006	2.9	0	315	0	0	84.1	84.7	23.7	23.7	0	0
142619	42996	230	0.96	3.1	0.4	315	0	0	83.9	84.7	23.7	23.7	0	0
142620	43000	229.5	0.981	3.1	0.7	315	0	0	83.9	84.7	23.7	23.7	0	0
142621	43008	229.5	0.97	2.9	0.4	315	0	0	83.9	84.6	23.7	23.6	0	0
142622	42992	229.5	0.958	2.9	0.4	315	0	0	83.9	84.6	23.7	23.6	0	0
142623	42996	229.5	0.963	2.9	0	315	0	0	83.9	84.7	23.7	23.6	0	0
142624	43008	229.5	0.951	2.9	-0.7	315	0	0	83.9	84.7	23.7	23.6	0	0
142625	42996	230	0.972	2.9	-0.7	315	0	0	83.9	84.7	23.7	23.6	0	0
142626	43000	230	0.963	2.9	-0.7	315	0	0	83.9	84.7	23.7	23.6	0	0
142627	43000	230.5	0.988	2.9	0	315	0	0	83.9	84.7	23.7	23.6	0	0
142628	43004	230.5	0.979	2.9	0.4	315	0	0	83.9	84.7	23.7	23.6	0	0
142629	43004	230.5	0.979	2.9	0.4	315	0	0	83.9	84.6	23.7	23.6	0	0

142630	43000	230.5	0.988	2.9	0.4	315	0	0	83.9	84.6	23.7	23.6	0	0
142631	42992	230.5	1.002	2.9	0	315	0	0	83.9	84.6	23.7	23.6	0	0
142632	43000	230.5	0.981	2.9	-0.3	315	0	0	83.9	84.6	23.7	23.6	0	0
142633	42996	230.5	0.965	3.1	-0.7	315	0	0	83.9	84.6	23.7	23.6	0	0
142634	42992	230.5	0.981	3.1	-0.7	315	0	0	83.9	84.6	23.7	23.6	0	0
142635	43004	230.5	0.99	3.1	-0.7	315	0	0	83.9	84.6	23.7	23.6	0	0
142636	42992	230.5	0.976	3.1	-0.3	315	0	0	83.9	84.6	23.7	23.6	0	0
142637	42992	230.5	0.96	3.1	0.4	315	0	0	83.9	84.6	23.7	23.5	0	0
142638	43004	230.5	0.981	3.1	0.7	315	0	0	83.9	84.6	23.7	23.5	0	0
142639	43004	230.5	0.956	3.1	0.4	315	0	0	83.9	84.4	23.7	23.5	0	0
142640	43004	230	0.935	2.9	0	315	0	0	83.9	84.4	23.7	23.5	0	0
142641	43008	230	0.976	2.9	-0.3	315	0	0	83.8	84.6	23.7	23.5	0	0
142642	43000	230	0.944	2.9	-0.7	315	0	0	83.8	84.6	23.7	23.5	0	0
142643	43004	229.5	0.949	2.9	-0.7	315	0	0	83.9	84.4	23.7	23.4	0	0
142644	43012	229.5	0.981	2.9	-0.3	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142645	43004	229.5	0.97	2.9	0	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142646	42992	230	0.949	2.9	0.4	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142647	43004	230	0.976	2.9	0.4	315	0	0	83.9	84.2	23.7	23.4	0	0
142648	43000	230	0.979	2.9	0.4	315	0	0	83.9	84.2	23.7	23.4	0	0
142649	43000	230.5	1.013	3.1	0	315	0	0	83.8	84.4	23.7	23.4	0	0
142650	42992	231	0.992	3.1	-0.3	315	0	0	83.8	84.4	23.7	23.4	0	0
142651	42992	231	1.004	3.1	-0.7	315	0	0	83.8	84.4	23.7	23.4	0	0
142652	42996	230.5	0.983	3.1	-0.7	315	0	0	83.8	84.4	23.7	23.4	0	0
142653	42992	230.5	0.988	3.1	-0.3	315	0	0	83.9	84.4	23.7	23.4	0	0
142654	42996	230.5	0.983	3.1	0	315	0	0	83.9	84.4	23.7	23.4	0	0
142655	43000	230.5	0.963	3.1	0.4	315	0	0	83.9	84.4	23.7	23.4	0	0
142656	43004	231	0.951	3.1	0.4	315	0	0	83.9	84.4	23.7	23.4	0	0
142657	42992	231	0.942	2.9	0	315	0	0	83.9	84.2	23.7	23.4	0	0
142658	43004	231.5	0.953	2.9	-0.7	315	0	0	83.9	84.2	23.7	23.4	0	0
142659	42992	231.5	0.937	2.9	-1	315	0	0	83.8	84.2	23.7	23.5	0	0
142660	43008	231.5	0.937	2.9	-1	315	0	0	83.8	84.2	23.7	23.5	0	0
142661	43000	231.5	0.979	2.9	-0.3	315	0	0	83.8	84.2	23.7	23.5	0	0
142662	43000	232	0.967	2.9	0	315	0	0	83.8	84.2	23.7	23.5	0	0
142663	43000	232	0.999	2.9	0.4	315	0	0	83.8	84.4	23.7	23.5	0	0
142664	42992	232	0.999	3.1	0.4	315	0	0	83.8	84.4	23.7	23.5	0	0
142665	42992	232	0.992	3.1	0.4	315	0	0	83.8	84.2	23.7	23.5	0	0
142666	43000	232	0.988	3.1	0	315	0	0	83.8	84.2	23.7	23.5	0	0
142667	42996	232	0.967	3.1	0	315	0	0	83.6	84.2	23.7	23.5	0	0
142668	43008	232	0.967	3.1	-0.3	315	0	0	83.6	84.2	23.7	23.5	0	0
142669	43000	231.5	0.963	3.1	-0.7	315	0	0	83.8	84.2	23.7	23.5	0	0
142670	43004	231.5	0.942	2.9	-0.7	315	0	0	83.8	84.2	23.7	23.5	0	0
142671	43004	231.5	0.951	2.9	-0.3	315	0	0	83.8	84.4	23.7	23.5	0	0
142672	43000	231.5	0.958	2.9	-0.3	315	0	0	83.8	84.4	23.6	23.5	0	0
142673	43000	231.5	0.958	2.9	0	315	0	0	83.8	84.4	23.6	23.5	0	0
142674	43004	231.5	0.958	2.7	0.4	315	0	0	83.8	84.4	23.6	23.5	0	0
142675	43000	231.5	0.988	2.7	0.4	315	0	0	83.6	84.2	23.6	23.5	0	0
142676	42992	231.5	0.967	2.7	0.4	315	0	0	83.6	84.2	23.6	23.5	0	0
142677	43004	231.5	0.967	2.7	-0.3	315	0	0	83.4	84.2	23.6	23.4	0	0
142678	42996	231.5	0.967	2.9	-0.7	315	0	0	83.4	84.2	23.6	23.4	0	0
142679	42996	231.5	0.988	2.9	-1	315	0	0	83.4	84.2	23.6	23.4	0	0
142680	43000	231.5	0.992	2.9	-0.7	315	0	0	83.4	84.2	23.5	23.4	0	0
142681	43000	231.5	0.988	2.9	-0.3	315	0	0	83.4	84.2	23.5	23.4	0	0
142682	42992	231.5	1.004	3.1	0	315	0	0	83.4	84.2	23.5	23.4	0	0
142683	42992	231.5	0.965	3.1	0.4	315	0	0	83.4	84.1	23.5	23.3	0	0
142684	43000	231.5	0.986	3.1	0.4	315	0	0	83.4	84.1	23.5	23.3	0	0
142685	43004	231.5	0.986	3.1	0	315	0	0	83.4	83.9	23.5	23.3	0	0
142686	42996	231	0.97	3.1	0	315	0	0	83.4	83.9	23.5	23.3	0	0
142687	43000	231	0.956	2.9	-0.3	315	0	0	83.4	83.9	23.5	23.1	0	0
142688	43000	231	0.94	2.9	-0.3	315	0	0	83.4	83.9	23.4	23.1	0	0
142689	43004	230.5	0.944	2.9	-0.3	315	0	0	83.3	83.8	23.4	23	0	0
142690	43000	230.5	0.94	2.9	-0.3	315	0	0	83.3	83.8	23.4	23	0	0
142691	43000	230.5	0.944	2.7	-0.3	315	0	0	83.3	83.6	23.4	23	0	0
142692	43004	230.5	0.928	2.7	-0.7	315	0	0	83.3	83.6	23.4	23	0	0
142693	43000	230.5	0.981	2.7	-0.7	315	0	0	83.3	83.4	23.4	22.8	0	0
142694	43008	230	0.96	2.9	-0.3	315	0	0	83.3	83.4	23.4	22.8	0	0
142695	42996	230.5	0.97	2.9	-0.3	315	0	0	83.3	83.4	23.4	22.8	0	0
142696	42996	230.5	0.974	2.9	0.4	315	0	0	83.3	83.4	23.4	22.8	0	0
142697	42996	230	0.97	2.9	0.7	315	0	0	83.1	83.4	23.4	22.8	0	0
142698	42996	230	0.986	2.9	0.7	315.3	0	0	83.1	83.4	23.3	22.8	0	0
142699	43000	230	0.986	3.1	0.4	315.3	0	0	83.1	83.4	23.3	22.7	0	0
142700	42996	230	0.99	3.1	-0.3	315.3	0	0	83.1	83.4	23.3	22.7	0	0

142701	43004	230	0.965	3.1	-0.7	315.3	0	0	83.1	83.3	23.3	22.7	0	0
142702	42992	230	0.96	3.1	-0.7	315	0	0	83.1	83.3	23.3	22.7	0	0
142703	42988	230	0.97	3.1	-0.3	315	0	0	83.1	83.4	23.3	22.7	0	0
142704	42996	230	0.96	3.1	0	315	0	0	83.1	83.4	23.3	22.7	0	0
142705	43000	230	0.981	2.9	0.4	315	0	0	83.1	83.3	23.3	22.6	0	0
142706	42996	230	0.956	2.9	0.4	315	0	0	83.1	83.3	23.1	22.6	0	0
142707	43004	230	0.986	2.9	0	315	0	0	83.1	83.3	23.1	22.6	0	0
142708	42996	230	0.949	2.9	0	315	0	0	83.1	83.3	23.1	22.6	0	0
142709	42992	230	0.995	2.9	0	315	0	0	83.1	83.3	23.1	22.6	0	0
142710	42992	230	0.97	2.9	-0.3	315	0	0	83.1	83.3	23.1	22.6	0	0
142711	42992	230	0.99	2.9	-0.7	315	0	0	83.1	83.4	23.1	22.6	0	0
142712	42996	230	0.97	3.1	-0.7	315	0	0	83.1	83.4	23.1	22.6	0	0
142713	42996	230	0.995	3.1	-1	314.6	0	0	83.1	83.4	23.1	22.6	0	0
142714	43004	230	0.986	3.1	-1	314.6	0	0	83.1	83.4	23.1	22.6	0	0
142715	43000	229.5	0.995	3.1	-0.7	314.6	0	0	83.1	83.3	23.1	22.6	0	0
142716	43000	229.5	0.99	3.1	-0.3	314.6	0	0	83.1	83.3	23.1	22.6	0	0
142717	43000	229.5	0.965	3.1	0.4	314.6	0	0	83.1	83.4	23.1	22.6	0	0
142718	43004	229.5	0.981	3.1	0.4	314.6	0	0	83.1	83.4	23.1	22.6	0	0
142719	43000	229.5	0.97	3.1	0.4	314.6	0	0	83.1	83.4	23.1	22.6	0	0
142720	43000	229.5	0.97	2.9	0.4	315	0	0	83.1	83.4	23.1	22.6	0	0
142721	42996	229.5	0.949	2.9	0.4	315	0	0	83.1	83.4	23.1	22.6	0	0
142722	42996	229.5	0.949	2.9	-0.3	314.6	0	0	83.1	83.4	23.1	22.6	0	0
142723	43004	229.5	0.981	2.9	-0.7	314.6	0	0	83.1	83.4	23.1	22.6	0	0
142724	43000	229.5	1.002	2.9	-1	314.6	0	0	83.1	83.4	23.1	22.6	0	0
142725	43004	229.5	1.002	2.9	-1	314.6	0	0	83.3	83.6	23.1	22.6	0	0
142726	43000	229.5	0.981	2.9	-0.3	314.6	0	0	83.3	83.6	23.1	22.6	0	0
142727	42992	229.5	0.974	3.1	0	314.6	0	0	83.1	83.6	23.1	22.6	0	0
142728	43008	229	0.97	3.1	0.4	314.6	0	0	83.1	83.6	23.1	22.6	0	0
142729	43000	229	0.97	3.1	0.4	314.6	0	0	83.1	83.6	23.1	22.7	0	0
142730	42992	229	0.99	3.1	0.4	314.6	0	0	83.1	83.6	23.1	22.7	0	0
142731	43000	229	0.97	3.1	0.4	315	0	0	83.1	83.6	23.1	22.7	0	0
142732	42996	229	0.97	3.1	0	315	0	0	83.1	83.6	23.1	22.7	0	0
142733	43000	229	0.981	3.1	-0.3	315	0	0	83.1	83.6	23.1	22.7	0	0
142734	43008	229	0.97	2.9	-1	315	0	0	83.1	83.6	23.1	22.7	0	0
142735	42992	229	0.979	2.9	-1	315	0	0	83.1	83.6	23.1	22.7	0	0
142736	43000	229	0.951	2.9	-0.7	315	0	0	83.1	83.6	23.1	22.7	0	0
142737	42996	229	0.963	2.9	-0.3	314.6	0	0	83.3	83.6	23.1	22.7	0	0
142738	43000	229	0.958	2.9	0	314.6	0	0	83.3	83.6	23.1	22.7	0	0
142739	43000	229	0.972	2.9	0.4	315	0	0	83.3	83.6	23.1	22.8	0	0
142740	43000	229	0.967	2.9	0.4	315	0	0	83.3	83.6	23.1	22.8	0	0
142741	42996	229	0.963	2.9	0	315	0	0	83.3	83.8	23.1	22.8	0	0
142742	43004	229	0.963	2.9	-0.3	315	0	0	83.3	83.8	23.1	22.8	0	0
142743	42996	228.5	0.967	2.9	-0.3	315	0	0	83.3	83.8	23.1	22.8	0	0
142744	43004	229	0.992	3.1	-0.7	315	0	0	83.3	83.8	23.1	22.8	0	0
142745	42996	229	0.967	3.1	-0.7	315	0	0	83.1	83.8	23.1	22.8	0	0
142746	42996	229	0.979	3.1	-0.7	314.6	0	0	83.1	83.8	23.1	22.8	0	0
142747	42996	228.5	0.967	3.1	0	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142748	42992	228.5	0.972	3.1	0.4	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142749	42992	228.5	0.972	3.1	0.7	314.6	0	0	83.3	83.6	23.1	22.8	0	0
142750	43004	229	0.988	3.1	0.7	314.6	0	0	83.3	83.6	23.1	22.8	0	0
142751	43000	228.5	0.979	3.1	0	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142752	42992	228.5	0.972	3.1	-0.7	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142753	43000	228	0.967	3.1	-1	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142754	42996	228	0.972	3.1	-0.7	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142755	43000	228.5	0.967	3.1	-0.3	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142756	42996	228.5	0.951	3.1	0	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142757	43008	228.5	0.992	3.1	0	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142758	42996	228.5	0.983	3.1	0	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142759	43000	228.5	0.967	3.1	0	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142760	42992	228	0.972	3.1	-0.3	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142761	43008	228	0.963	3.1	-0.3	314.6	0	0	83.4	83.8	23.1	22.8	0	0
142762	43000	228	0.972	3.1	-0.3	314.6	0	0	83.4	83.8	23.1	22.8	0	0
142763	43000	227.5	0.967	3.1	0	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142764	42996	227.5	0.983	3.1	-0.3	314.6	0	0	83.3	83.8	23.1	22.8	0	0
142765	43004	227.5	0.979	2.9	0	314.6	0	0	83.4	83.6	23.1	22.8	0	0
142766	43004	228	0.988	2.9	0	314.6	0	0	83.4	83.6	23.1	22.8	0	0
142767	43004	228	0.958	2.9	0	314.6	0	0	83.4	83.8	23.1	22.7	0	0
142768	43000	228	0.979	2.9	-0.3	314.6	0	0	83.4	83.8	23.1	22.7	0	0
142769	42988	228	0.992	3.1	-0.3	314.6	0	0	83.4	83.8	23.1	22.7	0	0
142770	42988	228	0.965	3.1	-0.3	314.6	0	0	83.4	83.8	23.1	22.7	0	0
142771	43004	228	0.99	3.1	-0.7	314.6	0	0	83.6	83.6	23.1	22.7	0	0

142772	43004	228	0.986	3.1	-0.7	314.6	0	0	83.6	83.6	23.1	22.7	0	0
142773	42996	227.5	0.986	3.1	-0.7	314.6	0	0	83.4	83.6	23.1	22.7	0	0
142774	42996	228	0.981	3.1	-0.3	314.6	0	0	83.4	83.6	23.1	22.7	0	0
142775	43000	228	0.976	3.3	-0.3	314.6	0	0	83.4	83.8	23.1	22.7	0	0
142776	43004	228	0.97	3.3	-0.7	314.6	0	0	83.4	83.8	23.1	22.7	0	0
142777	42996	228	1.002	3.3	-0.7	314.6	0	0	83.4	83.9	23.1	22.7	0	0
142778	42996	227.5	0.949	3.3	-0.7	314.6	0	0	83.4	83.9	23.1	22.7	0	0
142779	42996	227.5	0.965	3.1	0	314.6	0	0	83.6	83.8	23.1	22.7	0	0
142780	42996	227.5	0.944	3.1	0.4	314.6	0	0	83.6	83.8	23.3	22.7	0	0
142781	42996	227.5	0.956	3.1	0.4	314.6	0	0	83.6	83.8	23.3	22.7	0	0
142782	42996	227.5	0.944	3.1	0.4	315	0	0	83.6	83.8	23.3	22.7	0	0
142783	43008	227.5	0.97	3.1	0	315	0	0	83.6	83.9	23.3	22.7	0	0
142784	42996	227.5	0.99	3.1	0	315	0	0	83.6	83.9	23.3	22.7	0	0
142785	43000	227	0.935	3.1	-0.3	315	0	0	83.4	83.8	23.3	22.7	0	0
142786	43000	227.5	0.995	3.1	-0.3	315	0	0	83.4	83.8	23.3	22.7	0	0
142787	42996	227.5	0.94	3.1	-0.7	315	0	0	83.6	83.9	23.3	22.8	0	0
142788	42992	227.5	0.956	3.1	-1	315	0	0	83.6	83.9	23.3	22.8	0	0
142789	43004	227.5	0.99	3.1	-1	315	0	0	83.6	83.8	23.3	22.8	0	0
142790	42996	227.5	0.995	3.1	-0.7	315	0	0	83.6	83.8	23.3	22.8	0	0
142791	42988	227.5	0.981	3.1	0	315	0	0	83.6	83.9	23.3	22.8	0	0
142792	43004	228	0.981	3.1	0.7	315	0	0	83.6	83.9	23.3	22.8	0	0
142793	43000	228	0.97	3.1	0.4	315	0	0	83.6	84.1	23.3	22.8	0	0
142794	42996	228	0.986	3.1	0	315	0	0	83.6	84.1	23.4	22.8	0	0
142795	43000	228	0.97	3.1	-0.7	315	0	0	83.6	84.1	23.4	22.9	0	0
142796	43008	228	0.97	3.1	-1	315	0	0	83.6	84.1	23.4	22.9	0	0
142797	43000	228	0.944	3.1	-1	314.6	0	0	83.6	84.2	23.4	23	0	0
142798	43004	228	0.97	3.1	-0.7	314.6	0	0	83.6	84.2	23.4	23	0	0
142799	43008	228	0.949	2.9	-0.3	314.6	0	0	83.6	84.2	23.4	23.1	0	0
142800	43000	227.5	0.96	2.9	0	314.6	0	0	83.6	84.2	23.4	23.1	0	0
142801	43008	227.5	0.97	2.9	0.4	315	0	0	83.6	84.4	23.4	23.3	0	0
142802	43004	227.5	0.965	2.9	0.4	315	0	0	83.6	84.4	23.4	23.3	0	0
142803	42996	227.5	0.986	2.9	0	315	0	0	83.6	84.6	23.4	23.3	0	0
142804	42996	227.5	0.972	2.9	-0.7	315	0	0	83.6	84.6	23.4	23.3	0	0
142805	43008	227.5	0.967	2.9	-1	315	0	0	83.6	84.4	23.4	23.3	0	0
142806	42992	227.5	0.979	2.9	-0.7	315	0	0	83.6	84.4	23.4	23.3	0	0
142807	43000	227.5	0.967	2.9	0	315	0	0	83.8	84.4	23.4	23.3	0	0
142808	42992	227.5	0.967	2.9	0.4	315	0	0	83.8	84.4	23.4	23.3	0	0
142809	42992	227.5	0.979	3.1	0.4	315	0	0	83.6	84.6	23.4	23.4	0	0
142810	42992	227.5	0.988	3.1	0.4	315	0	0	83.6	84.6	23.4	23.4	0	0
142811	42992	227.5	0.983	3.1	0	315	0	0	83.6	84.4	23.4	23.4	0	0
142812	42992	227.5	0.988	3.1	0	315	0	0	83.6	84.4	23.4	23.4	0	0
142813	42992	227	0.972	3.1	-0.3	314.6	0	0	83.8	84.6	23.4	23.4	0	0
142814	42996	227	0.983	3.1	-0.7	314.6	0	0	83.8	84.6	23.4	23.4	0	0
142815	42996	227	0.967	3.1	-1	314.6	0	0	83.8	84.6	23.4	23.4	0	0
142816	42992	227	0.951	3.1	-1	314.6	0	0	83.8	84.6	23.4	23.4	0	0
142817	43000	227	0.979	3.1	-0.3	314.6	0	0	83.8	84.6	23.4	23.4	0	0
142818	42996	227	0.972	3.3	0	314.6	0	0	83.8	84.6	23.4	23.4	0	0
142819	43008	227	0.967	3.3	0.4	314.6	0	0	83.8	84.6	23.4	23.4	0	0
142820	42992	227	0.963	3.1	0.4	315	0	0	83.8	84.6	23.4	23.4	0	0
142821	43000	227	0.947	3.1	0	315	0	0	83.8	84.6	23.4	23.4	0	0
142822	43000	227	0.958	3.1	-0.3	315	0	0	83.8	84.6	23.4	23.4	0	0
142823	43008	227	0.958	3.1	-0.7	315	0	0	83.8	84.6	23.4	23.4	0	0
142824	42992	227	0.951	3.1	-0.7	315	0	0	83.8	84.6	23.4	23.4	0	0
142825	42992	227	0.951	2.9	-0.3	315	0	0	83.8	84.6	23.4	23.4	0	0
142826	43004	227	0.972	3.1	0	315	0	0	83.8	84.6	23.5	23.4	0	0
142827	43000	227	0.972	3.1	0.4	315	0	0	83.8	84.6	23.5	23.4	0	0
142828	43000	227	0.988	3.1	0.4	315	0	0	83.8	84.6	23.5	23.4	0	0
142829	43004	227	0.972	3.1	0.4	315	0	0	83.9	84.6	23.5	23.4	0	0
142830	43008	227	0.981	3.1	-0.3	315	0	0	83.9	84.6	23.5	23.4	0	0
142831	42992	227	0.974	3.1	-0.7	315	0	0	83.9	84.6	23.5	23.5	0	0
142832	42992	227	0.986	3.1	-1	315	0	0	83.9	84.6	23.5	23.5	0	0
142833	43004	227.5	0.981	3.1	-0.7	314.6	0	0	83.9	84.6	23.5	23.5	0	0
142834	42996	227.5	0.965	3.1	-0.3	314.6	0	0	83.9	84.6	23.5	23.5	0	0
142835	42992	227.5	0.956	3.1	0	314.6	0	0	83.9	84.6	23.5	23.5	0	0
142836	42992	227.5	0.949	3.1	0.4	314.6	0	0	83.9	84.6	23.6	23.5	0	0
142837	42996	227.5	0.99	3.1	0.4	314.6	0	0	83.9	84.6	23.6	23.5	0	0
142838	43000	227.5	0.986	3.1	0	315	0	0	83.9	84.6	23.6	23.5	0	0
142839	43000	227.5	0.953	3.1	0.4	315	0	0	83.9	84.7	23.6	23.5	0	0
142840	43004	228	0.958	3.1	0.4	315	0	0	83.9	84.7	23.6	23.5	0	0
142841	43000	228	0.979	3.1	0.4	315	0	0	84.1	84.7	23.6	23.6	0	0
142842	43000	228	0.953	3.1	0	315	0	0	84.1	84.7	23.6	23.6	0	0

142843	42996	228	0.983	3.1	-0.7	315	0	0	84.1	84.7	23.6	23.6	0	0
142844	42996	228	0.963	3.1	-1	315	0	0	84.1	84.7	23.7	23.6	0	0
142845	42996	228	0.953	3.1	-0.7	315	0	0	84.1	84.7	23.7	23.6	0	0
142846	43000	228	0.958	3.1	-0.3	315	0	0	84.1	84.7	23.7	23.6	0	0
142847	43000	228	0.958	3.1	0	315	0	0	84.1	84.7	23.7	23.6	0	0
142848	43004	228	0.981	3.1	0.4	315	0	0	84.1	84.7	23.7	23.6	0	0
142849	43000	228	1.006	3.1	0.4	315	0	0	84.1	84.7	23.7	23.6	0	0
142850	42992	228	0.97	3.1	0.4	315	0	0	84.1	84.7	23.7	23.6	0	0
142851	43004	228	0.986	3.1	0	315	0	0	84.1	84.7	23.7	23.6	0	0
142852	42992	228	0.956	3.1	-0.3	315	0	0	84.1	84.7	23.7	23.6	0	0
142853	42992	228	0.981	3.1	-0.7	315	0	0	84.1	84.7	23.7	23.6	0	0
142854	42996	228	0.97	3.1	-0.7	315	0	0	84.1	84.7	23.7	23.6	0	0
142855	43008	228	0.976	3.1	-0.3	315	0	0	84.1	84.7	23.7	23.6	0	0
142856	42996	228	0.96	3.1	0	315	0	0	84.1	84.7	23.7	23.6	0	0
142857	42996	228	0.986	3.1	0.4	315	0	0	84.1	84.7	23.7	23.6	0	0
142858	43000	228	0.956	3.1	0.4	315	0	0	84.1	84.7	23.7	23.6	0	0
142859	43000	228.5	0.981	3.1	0.4	315	0	0	83.9	84.6	23.7	23.6	0	0
142860	42988	228.5	0.99	3.1	0	315	0	0	83.9	84.6	23.7	23.6	0	0
142861	43004	228.5	0.986	3.1	-0.3	315	0	0	84.1	84.6	23.7	23.5	0	0
142862	42996	228.5	0.97	3.1	-0.7	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142863	42992	228.5	1.002	3.1	-0.7	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142864	42988	228.5	0.956	3.1	-0.3	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142865	43000	228.5	0.958	3.3	0.4	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142866	43004	228.5	0.967	3.3	0.7	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142867	42996	228.5	0.983	3.3	0.4	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142868	42992	228.5	0.947	3.1	-0.3	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142869	43004	228.5	0.947	3.1	-0.7	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142870	43004	228.5	0.947	3.1	-0.7	314.6	0	0	84.1	84.6	23.7	23.5	0	0
142871	43000	228.5	0.963	3.1	-0.7	314.6	0	0	84.1	84.4	23.7	23.5	0	0
142872	43004	228.5	0.967	2.9	-0.3	314.6	0	0	84.1	84.4	23.7	23.5	0	0
142873	43004	228	0.951	2.9	0	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142874	43012	228	0.965	2.9	0.4	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142875	43000	228	0.956	2.9	0.4	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142876	43000	228	0.974	2.9	0	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142877	42996	228	0.995	2.9	-0.3	314.6	0	0	84.1	84.4	23.7	23.4	0	0
142878	42996	228	0.97	3.1	-0.7	314.6	0	0	84.1	84.4	23.7	23.4	0	0
142879	43000	227.5	0.956	3.1	-0.7	314.6	0	0	84.2	84.4	23.7	23.4	0	0
142880	42992	227.5	0.97	3.1	-0.7	314.6	0	0	84.2	84.4	23.7	23.4	0	0
142881	43004	227.5	1.006	3.1	0	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142882	42996	227.5	0.995	3.1	0.7	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142883	42996	227.5	0.974	3.3	0.7	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142884	42996	228	0.965	3.3	0.4	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142885	42992	228	0.99	3.1	-0.3	314.6	0	0	84.1	84.4	23.7	23.4	0	0
142886	42996	228.5	0.956	3.1	-0.7	314.6	0	0	84.1	84.4	23.7	23.4	0	0
142887	42996	228.5	0.96	3.1	-1	314.6	0	0	84.1	84.6	23.7	23.4	0	0
142888	42996	228.5	0.981	3.1	-0.7	314.6	0	0	84.1	84.6	23.9	23.4	0	0
142889	43004	228.5	0.965	3.1	-0.3	314.6	0	0	84.2	84.4	23.9	23.4	0	0
142890	42996	229	0.956	3.1	0.4	314.6	0	0	84.2	84.4	23.9	23.4	0	0
142891	43000	228.5	0.972	3.1	0.4	314.6	0	0	84.1	84.4	23.9	23.4	0	0
142892	43000	228.5	0.988	3.1	0.4	314.6	0	0	84.1	84.4	23.9	23.4	0	0
142893	42996	228.5	0.963	3.1	0	314.6	0	0	84.1	84.7	23.9	23.4	0	0
142894	43004	228.5	0.979	3.1	-0.3	314.6	0	0	84.1	84.7	23.9	23.4	0	0
142895	43000	228.5	0.992	3.1	-0.3	314.6	0	0	84.1	84.6	23.9	23.5	0	0
142896	43004	229	1.004	3.1	-0.7	314.6	0	0	84.1	84.6	23.9	23.5	0	0
142897	42992	228.5	0.963	3.1	-0.7	314.6	0	0	84.2	84.6	23.9	23.5	0	0
142898	43000	228.5	0.958	3.1	-0.7	314.6	0	0	84.2	84.6	23.9	23.5	0	0
142899	42996	228.5	0.979	3.1	-0.3	314.6	0	0	84.1	84.7	23.9	23.5	0	0
142900	42996	229	0.949	3.1	0.4	314.6	0	0	84.1	84.7	23.9	23.5	0	0
142901	42992	229	0.94	3.1	0.7	314.6	0	0	84.2	84.7	23.9	23.5	0	0
142902	43004	229	0.96	3.1	0.7	314.6	0	0	84.2	84.7	23.9	23.5	0	0
142903	42992	229	0.97	3.1	0.4	314.6	0	0	84.2	84.7	23.9	23.6	0	0
142904	42992	229.5	0.956	3.1	-0.3	314.6	0	0	84.2	84.7	23.9	23.6	0	0
142905	42996	229.5	0.96	3.1	-0.7	314.6	0	0	84.1	84.7	23.9	23.6	0	0
142906	42996	229.5	0.986	3.1	-1	314.6	0	0	84.1	84.7	23.9	23.6	0	0
142907	43000	230	0.974	3.1	-0.7	314.6	0	0	84.1	84.7	23.9	23.6	0	0
142908	43000	230	0.965	3.1	-0.3	314.6	0	0	84.1	84.7	23.9	23.6	0	0
142909	42992	230	1.002	3.1	0.4	314.6	0	0	84.1	84.7	23.9	23.6	0	0
142910	42996	230	0.986	3.1	0.7	314.6	0	0	84.1	84.7	23.9	23.6	0	0
142911	42992	230	0.995	3.1	0.7	314.6	0	0	84.1	84.7	23.9	23.6	0	0
142912	42996	230	0.986	3.1	0.4	314.6	0	0	84.1	84.7	23.9	23.6	0	0
142913	42996	229.5	0.986	3.1	0	314.6	0	0	84.2	84.7	23.9	23.6	0	0

142914	43000	230	0.981	3.1	-0.7	314.6	0	0	84.2	84.7	23.9	23.6	0	0
142915	43004	229.5	0.97	3.1	-1	314.6	0	0	84.2	84.7	23.9	23.6	0	0
142916	43004	229.5	0.944	3.1	-0.7	314.6	0	0	84.2	84.7	23.9	23.6	0	0
142917	43004	229.5	0.956	2.9	-0.3	314.3	0	0	84.1	84.6	23.9	23.6	0	0
142918	42996	230	0.956	2.9	0	314.3	0	0	84.1	84.6	23.9	23.6	0	0
142919	42996	230	0.96	2.9	0.4	314.3	0	0	84.2	84.7	23.9	23.6	0	0
142920	43004	230	0.97	2.9	0.4	314.3	0	0	84.2	84.7	23.9	23.6	0	0
142921	43000	230	0.965	2.9	0	314.3	0	0	84.1	84.6	23.9	23.6	0	0
142922	43008	229.5	0.981	2.9	-0.3	314.6	0	0	84.1	84.6	23.9	23.6	0	0
142923	43000	229.5	0.981	2.9	-0.3	314.6	0	0	84.1	84.4	23.9	23.5	0	0
142924	43000	229.5	0.981	2.9	-0.7	314.6	0	0	84.1	84.4	23.9	23.5	0	0
142925	43008	229.5	0.96	2.9	-0.7	314.6	0	0	84.1	84.4	23.9	23.5	0	0
142926	43000	229.5	0.981	2.9	0	314.6	0	0	84.1	84.4	23.9	23.5	0	0
142927	42996	229.5	1.002	3.1	0.4	314.6	0	0	84.1	84.4	23.9	23.4	0	0
142928	42996	229	0.981	3.1	0.4	314.6	0	0	84.1	84.4	23.7	23.4	0	0
142929	42996	229	1.006	3.1	0.4	314.6	0	0	84.1	84.4	23.7	23.4	0	0
142930	42996	229	1.002	3.1	0	314.6	0	0	84.1	84.4	23.7	23.4	0	0
142931	43012	229	1.002	3.1	-0.3	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142932	42996	229	0.97	3.1	-0.7	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142933	43004	229	0.96	3.1	-0.3	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142934	43000	229	0.972	2.9	0	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142935	42992	229	0.937	2.9	0.4	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142936	43000	229	0.951	2.9	0.7	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142937	42996	229	0.942	2.9	0.4	314.6	0	0	83.9	84.4	23.7	23.4	0	0
142938	43008	229	0.951	2.9	-0.3	314.6	0	0	83.9	84.4	23.6	23.4	0	0
142939	42996	229	0.951	2.9	-1	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142940	43004	229.5	0.958	2.9	-1	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142941	42996	229	0.999	2.9	-0.7	314.6	0	0	83.9	84.4	23.6	23.4	0	0
142942	43004	229.5	0.988	3.1	-0.3	314.6	0	0	83.9	84.4	23.6	23.4	0	0
142943	43004	229.5	0.999	3.1	0.4	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142944	43004	229.5	1.008	3.1	0.7	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142945	43000	229.5	0.958	3.1	0.4	315	0	0	83.8	84.4	23.6	23.4	0	0
142946	43000	229.5	0.992	3.1	0	315	0	0	83.8	84.4	23.6	23.4	0	0
142947	43004	229.5	0.951	3.1	-0.3	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142948	43004	229.5	0.963	3.1	-1	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142949	42996	229.5	0.979	3.1	-1	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142950	42996	229.5	0.983	3.1	-0.7	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142951	43000	230	0.983	3.1	0	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142952	42996	230	0.953	2.9	0.4	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142953	42996	229.5	0.983	2.9	0.4	314.6	0	0	83.8	84.4	23.6	23.4	0	0
142954	43004	230	0.979	2.9	0	314.6	0	0	83.8	84.4	23.5	23.4	0	0
142955	42996	229.5	0.992	3.1	0	314.6	0	0	83.8	84.4	23.5	23.4	0	0
142956	43000	229.5	0.958	3.1	0	314.6	0	0	83.8	84.4	23.5	23.4	0	0
142957	43004	229.5	0.974	3.1	0	314.6	0	0	83.8	84.4	23.5	23.4	0	0
142958	42996	229.5	0.979	3.1	0	314.6	0	0	83.8	84.4	23.5	23.4	0	0
142959	43004	229.5	0.988	2.9	-0.3	314.6	0	0	83.8	84.2	23.5	23.3	0	0
142960	43000	229.5	0.96	2.9	-0.3	314.6	0	0	83.8	84.2	23.5	23.3	0	0
142961	43012	229.5	0.99	2.9	-0.7	314.6	0	0	83.8	84.2	23.5	23.3	0	0
142962	42996	229.5	0.96	2.9	-0.7	314.6	0	0	83.8	84.2	23.5	23.3	0	0
142963	43000	229	0.976	2.9	-0.7	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142964	43000	229.5	0.956	2.9	0	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142965	43000	229	0.944	2.9	0.7	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142966	42996	229	0.96	2.9	0.7	315	0	0	83.8	84.4	23.5	23.3	0	0
142967	43008	228.5	0.951	2.9	0.4	315	0	0	83.8	84.4	23.5	23.3	0	0
142968	43000	228.5	0.96	2.9	0	315	0	0	83.8	84.4	23.5	23.3	0	0
142969	43012	228.5	0.947	2.9	-0.7	315	0	0	83.8	84.4	23.5	23.3	0	0
142970	43008	228.5	0.958	2.7	-0.7	315	0	0	83.8	84.4	23.5	23.3	0	0
142971	42992	228.5	0.967	2.7	-0.7	315	0	0	83.8	84.4	23.5	23.3	0	0
142972	43000	229	0.963	2.9	-0.3	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142973	43004	229	0.992	2.9	0	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142974	42996	229	0.988	3.1	0.4	315	0	0	83.8	84.4	23.5	23.3	0	0
142975	43000	229	0.992	3.1	0.4	315	0	0	83.8	84.4	23.5	23.3	0	0
142976	42996	229	0.988	3.1	0	315	0	0	83.8	84.4	23.5	23.3	0	0
142977	43000	229	0.974	3.1	-0.3	315	0	0	83.8	84.4	23.5	23.3	0	0
142978	42996	229	0.986	3.3	-0.3	315	0	0	83.8	84.4	23.5	23.3	0	0
142979	42996	228.5	0.995	3.1	-0.7	315	0	0	83.8	84.4	23.5	23.3	0	0
142980	42996	228.5	0.96	3.1	-0.7	315	0	0	83.8	84.4	23.5	23.3	0	0
142981	42996	228.5	0.97	3.1	-0.7	314.6	0	0	83.8	84.2	23.5	23.3	0	0
142982	43008	228	0.944	3.1	0	314.6	0	0	83.8	84.2	23.5	23.3	0	0
142983	42996	228	0.94	3.1	0	314.6	0	0	83.8	84.2	23.5	23.3	0	0
142984	43000	228	0.94	2.9	0.4	315	0	0	83.8	84.2	23.5	23.3	0	0

142985	43000	228	0.949	2.9	0.4	315	0	0	83.8	84.4	23.5	23.3	0	0
142986	43004	228	0.958	2.9	0	315	0	0	83.8	84.4	23.5	23.3	0	0
142987	43000	228	0.947	2.9	-0.3	315	0	0	83.8	84.4	23.5	23.3	0	0
142988	43004	228	0.983	2.9	-0.7	315	0	0	83.8	84.4	23.5	23.3	0	0
142989	42996	227.5	0.972	2.9	-1	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142990	42996	228	0.979	2.9	-0.7	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142991	42996	228	1.018	3.1	-0.3	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142992	42992	228.5	0.999	3.1	0.4	314.6	0	0	83.8	84.4	23.5	23.3	0	0
142993	42992	228.5	0.988	3.3	0.7	315	0	0	83.8	84.4	23.5	23.3	0	0
142994	43000	228.5	0.972	3.3	0.4	315	0	0	83.8	84.4	23.5	23.3	0	0
142995	42996	228.5	0.963	3.3	0	315	0	0	83.8	84.4	23.5	23.3	0	0
142996	43004	228.5	0.972	3.3	-0.3	315	0	0	83.8	84.4	23.5	23.3	0	0
142997	43000	228.5	0.963	3.3	-0.7	314.6	0	0	83.9	84.4	23.5	23.3	0	0
142998	42996	228	0.967	3.3	-0.7	314.6	0	0	83.9	84.4	23.5	23.3	0	0
142999	42992	228	0.972	3.1	-0.7	314.6	0	0	83.9	84.4	23.5	23.3	0	0
143000	43004	228.5	0.963	3.1	-0.3	314.6	0	0	83.9	84.4	23.5	23.3	0	0
143001	42996	228.5	0.963	3.1	-0.3	314.6	0	0	83.9	84.4	23.5	23.3	0	0
143002	42996	228.5	0.988	3.1	-0.3	314.6	0	0	83.9	84.4	23.5	23.3	0	0
143003	42992	228.5	0.967	3.1	0	314.6	0	0	83.9	84.4	23.5	23.3	0	0
143004	42992	228.5	0.974	3.1	0.4	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143005	42996	228.5	0.949	3.1	0.7	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143006	43004	228.5	0.974	3.1	0.7	315	0	0	83.9	84.4	23.6	23.3	0	0
143007	43004	228.5	1.002	3.1	0.4	315	0	0	83.9	84.4	23.6	23.3	0	0
143008	42996	229	0.995	3.1	0	315	0	0	83.9	84.4	23.6	23.3	0	0
143009	43000	229	1.006	3.1	-0.3	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143010	42992	229	0.956	3.1	-1	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143011	43004	229	0.965	3.1	-1	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143012	42996	228.5	0.958	3.1	-0.3	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143013	43000	229	0.963	3.1	0	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143014	43000	228.5	0.972	3.1	0	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143015	43000	228.5	0.988	3.1	0.4	314.6	0	0	84.1	84.2	23.6	23.3	0	0
143016	43004	228.5	0.951	3.1	0.4	314.6	0	0	84.1	84.2	23.6	23.3	0	0
143017	43000	228.5	0.976	3.1	0	314.6	0	0	83.9	84.2	23.6	23.3	0	0
143018	43000	228.5	0.983	3.1	-0.3	314.6	0	0	83.9	84.2	23.6	23.3	0	0
143019	43000	229	0.951	2.9	-0.7	314.6	0	0	83.9	84.2	23.6	23.3	0	0
143020	43000	229	0.947	2.9	-0.7	314.3	0	0	83.9	84.2	23.6	23.3	0	0
143021	42992	229.5	0.97	2.9	-0.3	314.3	0	0	84.1	84.2	23.6	23.3	0	0
143022	42996	229.5	0.974	2.9	0	314.3	0	0	84.1	84.2	23.6	23.3	0	0
143023	42996	229.5	0.96	2.9	0	314.3	0	0	84.1	84.4	23.6	23.3	0	0
143024	42992	229.5	0.995	3.1	0.4	314.3	0	0	84.1	84.4	23.7	23.3	0	0
143025	43004	229.5	0.97	3.1	0.4	314.3	0	0	84.1	84.4	23.7	23.3	0	0
143026	42996	229.5	0.974	3.1	0	314.6	0	0	84.1	84.4	23.7	23.3	0	0
143027	42996	229.5	0.986	3.1	0	314.6	0	0	84.1	84.4	23.7	23.3	0	0
143028	42996	229.5	0.995	3.1	-0.3	314.6	0	0	84.1	84.4	23.7	23.3	0	0
143029	43000	229.5	0.97	3.1	-0.7	314.6	0	0	84.1	84.4	23.7	23.3	0	0
143030	43000	229.5	0.951	3.1	-0.7	314.6	0	0	84.1	84.4	23.7	23.3	0	0
143031	42992	229.5	0.967	3.1	-0.3	314.6	0	0	83.9	84.4	23.7	23.3	0	0
143032	42996	229.5	0.942	3.1	0	314.6	0	0	83.9	84.4	23.7	23.3	0	0
143033	43004	229.5	0.951	2.9	0.4	314.6	0	0	84.1	84.4	23.7	23.3	0	0
143034	42996	229.5	0.958	2.9	0.4	314.6	0	0	84.1	84.4	23.7	23.3	0	0
143035	43004	229.5	0.967	2.9	0.4	314.6	0	0	83.9	84.2	23.7	23.3	0	0
143036	42996	229.5	0.947	2.9	0	314.6	0	0	83.9	84.2	23.7	23.3	0	0
143037	42996	229.5	0.958	2.9	-0.7	314.6	0	0	83.9	84.4	23.7	23.3	0	0
143038	42996	229.5	0.97	3.1	-1	314.6	0	0	83.9	84.4	23.7	23.3	0	0
143039	43008	229.5	0.99	3.1	-1	314.3	0	0	84.1	84.4	23.7	23.3	0	0
143040	43008	229.5	0.976	3.1	-0.3	314.3	0	0	84.1	84.4	23.6	23.3	0	0
143041	42996	229	0.986	3.1	0	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143042	42996	229.5	0.986	3.1	0.4	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143043	43004	229	1.006	3.1	0.7	314.6	0	0	83.9	84.2	23.6	23.3	0	0
143044	43008	229	0.96	3.1	-0.3	314.6	0	0	83.9	84.2	23.6	23.3	0	0
143045	43000	228.5	0.949	3.1	-1	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143046	43000	229	0.965	3.1	-0.7	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143047	43000	228.5	0.96	2.9	0	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143048	42996	228	0.944	2.9	0.7	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143049	43004	229	0.981	2.9	1.1	315	0	0	83.8	84.4	23.6	23.4	0	0
143050	43000	228.5	0.981	2.9	0.4	315	0	0	83.8	84.4	23.6	23.4	0	0
143051	42992	228.5	0.976	2.9	-0.3	315	0	0	83.9	84.4	23.6	23.4	0	0
143052	42992	229	0.986	2.9	-1	315	0	0	83.9	84.4	23.6	23.4	0	0
143053	42996	229	0.981	3.1	-0.7	315	0	0	83.8	84.4	23.6	23.4	0	0
143054	43000	228.5	0.97	2.9	-0.3	315	0	0	83.8	84.4	23.6	23.4	0	0
143055	43012	229	0.981	3.1	0.4	315	0	0	83.8	84.4	23.6	23.4	0	0

143056	43000	228.5	0.949	3.1	0.4	315	0	0	83.8	84.4	23.6	23.4	0	0
143057	43004	228.5	0.995	3.1	0.4	315	0	0	83.9	84.4	23.6	23.4	0	0
143058	43004	229	0.99	3.1	-0.3	315	0	0	83.9	84.4	23.6	23.4	0	0
143059	42992	229	0.97	3.1	-1	315	0	0	83.8	84.4	23.6	23.4	0	0
143060	43004	228.5	1.002	3.1	-1	315	0	0	83.8	84.4	23.6	23.4	0	0
143061	43000	228	0.97	3.1	-0.3	315	0	0	83.9	84.4	23.6	23.4	0	0
143062	43000	228.5	0.981	3.1	0.4	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143063	42996	228.5	0.944	3.1	0.7	315.3	0	0	83.8	84.6	23.6	23.4	0	0
143064	43004	228.5	0.979	3.1	0	315.3	0	0	83.8	84.6	23.6	23.4	0	0
143065	42996	228.5	0.963	3.1	-0.7	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143066	42996	228.5	0.958	3.1	-1	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143067	42996	228.5	0.972	3.1	-0.7	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143068	43000	228.5	0.979	3.1	0	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143069	42996	228.5	1.004	3.1	0.4	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143070	42992	228.5	1.004	3.1	0.4	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143071	43004	228.5	0.983	3.1	0	315.3	0	0	83.6	84.4	23.5	23.4	0	0
143072	43004	228.5	0.963	3.1	-0.3	315.3	0	0	83.6	84.4	23.5	23.4	0	0
143073	42992	228.5	0.956	3.1	-0.3	315	0	0	83.6	84.4	23.5	23.4	0	0
143074	43000	229	0.981	3.1	-0.7	315	0	0	83.6	84.4	23.5	23.4	0	0
143075	43008	228.5	0.956	3.1	-0.7	315	0	0	83.8	84.4	23.5	23.4	0	0
143076	43004	228.5	0.965	3.1	-0.7	315	0	0	83.8	84.4	23.5	23.4	0	0
143077	43008	228.5	0.981	3.1	-0.3	315	0	0	83.8	84.4	23.5	23.4	0	0
143078	43012	228.5	0.976	3.1	0	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143079	43004	228	0.949	3.1	0.4	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143080	43000	228	0.96	2.9	0.7	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143081	43004	228.5	0.94	2.9	0.7	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143082	42996	228.5	0.951	2.9	0.4	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143083	42996	228.5	0.967	2.9	0	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143084	43008	228.5	0.951	2.9	-0.7	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143085	42992	229	0.967	2.9	-1	315.3	0	0	83.8	84.4	23.5	23.4	0	0
143086	43004	228.5	0.967	2.9	-0.7	315	0	0	83.8	84.4	23.5	23.4	0	0
143087	42996	229	0.967	2.9	0	315	0	0	83.8	84.4	23.5	23.4	0	0
143088	42992	228.5	0.999	2.9	0.4	315	0	0	83.8	84.4	23.6	23.4	0	0
143089	43004	228.5	0.999	2.9	0	315	0	0	83.8	84.4	23.6	23.4	0	0
143090	42992	229	0.967	3.1	0	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143091	43004	229	0.999	3.1	0.7	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143092	43000	229.5	1.008	3.1	0.4	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143093	42996	229	0.979	3.1	-0.3	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143094	43000	229	0.967	3.1	-0.7	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143095	43000	229	0.979	3.1	-0.7	315	0	0	83.8	84.4	23.6	23.4	0	0
143096	42996	228.5	0.967	3.1	-0.7	315	0	0	83.8	84.4	23.6	23.4	0	0
143097	42996	229	0.951	2.9	-0.7	315	0	0	83.9	84.4	23.6	23.4	0	0
143098	43000	228.5	0.937	2.9	0	315	0	0	83.9	84.4	23.6	23.4	0	0
143099	42996	228.5	0.958	2.9	0	315	0	0	83.9	84.4	23.6	23.4	0	0
143100	42996	228.5	0.958	2.9	0	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143101	43000	229	0.921	2.9	0.4	315.3	0	0	83.9	84.2	23.6	23.4	0	0
143102	43008	228.5	0.988	2.9	0.4	315.3	0	0	83.9	84.2	23.6	23.4	0	0
143103	43000	228.5	1.013	3.1	0.4	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143104	43000	228.5	0.988	2.9	-0.3	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143105	43004	228.5	0.958	2.9	-0.7	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143106	42992	229	0.972	3.1	-0.7	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143107	42996	229	0.983	3.1	-0.3	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143108	43000	229	0.992	3.1	-0.3	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143109	43004	229	0.958	3.1	-0.3	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143110	42996	228.5	0.992	3.1	-0.3	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143111	42992	228.5	0.963	3.1	-0.7	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143112	42992	228.5	0.983	3.1	-0.3	315.3	0	0	83.8	84.4	23.6	23.4	0	0
143113	43008	229	0.983	3.1	0	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143114	42996	229	0.963	2.9	0.7	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143115	42996	229	0.979	2.9	0.7	315.3	0	0	83.9	84.2	23.6	23.4	0	0
143116	42996	229	0.942	2.9	0.4	315.3	0	0	83.9	84.2	23.6	23.4	0	0
143117	42996	229	0.953	2.9	0	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143118	42996	229	0.958	2.9	-0.7	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143119	43000	229	0.988	2.9	-0.7	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143120	42996	229	0.979	2.9	-0.7	315.3	0	0	83.9	84.4	23.6	23.4	0	0
143121	42992	229.5	0.992	2.9	0	315	0	0	83.9	84.4	23.6	23.4	0	0
143122	42992	230	0.958	2.9	0.4	315	0	0	83.9	84.4	23.6	23.4	0	0
143123	42992	229.5	0.974	2.9	0.4	315	0	0	83.8	84.4	23.6	23.4	0	0
143124	43000	230	0.983	2.9	0	315	0	0	83.8	84.4	23.6	23.4	0	0
143125	42992	229.5	0.97	2.9	-0.3	315.3	0	0	83.8	84.4	23.6	23.5	0	0
143126	43000	229.5	0.97	2.9	-0.7	315.3	0	0	83.8	84.4	23.7	23.5	0	0

143127	43000	229.5	0.976	2.9	-0.7	315.3	0	0	83.9	84.4	23.7	23.5	0	0
143128	42992	229	0.97	3.1	-0.3	315.3	0	0	83.9	84.4	23.7	23.5	0	0
143129	42996	229.5	0.986	3.1	0.4	315.3	0	0	83.9	84.4	23.7	23.5	0	0
143130	42992	230	0.965	3.1	0.7	315.3	0	0	83.9	84.4	23.7	23.5	0	0
143131	43004	230	0.986	3.1	0.7	315.3	0	0	83.9	84.4	23.7	23.5	0	0
143132	42996	230	0.976	3.1	0.4	315.3	0	0	83.9	84.4	23.7	23.5	0	0
143133	43000	230	0.99	3.1	-0.3	315.3	0	0	83.9	84.4	23.7	23.5	0	0
143134	42996	229.5	0.981	3.1	-1	315	0	0	83.9	84.4	23.7	23.5	0	0
143135	42996	229.5	0.949	3.1	-0.7	315	0	0	83.9	84.4	23.7	23.5	0	0
143136	42996	229.5	0.981	3.1	-0.7	315	0	0	83.9	84.4	23.7	23.5	0	0
143137	43000	230	0.976	3.1	-0.3	315	0	0	83.9	84.4	23.7	23.4	0	0
143138	43004	230	0.976	2.9	-0.3	315	0	0	83.9	84.4	23.7	23.4	0	0
143139	43008	230	0.981	2.9	0	315	0	0	83.8	84.4	23.7	23.4	0	0
143140	42996	230	0.97	2.9	0	315	0	0	83.8	84.4	23.7	23.4	0	0
143141	42996	230	0.976	2.9	0.4	315.3	0	0	83.8	84.2	23.7	23.4	0	0
143142	42996	230.5	0.963	2.9	0.7	315.3	0	0	83.8	84.2	23.7	23.4	0	0
143143	42996	231	0.963	2.9	0.7	315	0	0	83.8	84.4	23.7	23.4	0	0
143144	43004	230.5	0.979	2.9	-0.3	315	0	0	83.8	84.4	23.7	23.4	0	0
143145	42992	231	0.988	2.9	-1	315	0	0	83.9	84.2	23.7	23.4	0	0
143146	43004	231	0.972	2.9	-1	315	0	0	83.9	84.2	23.7	23.4	0	0
143147	42996	231	0.992	2.9	-0.7	315	0	0	83.8	84.4	23.7	23.4	0	0
143148	42996	231	1.004	2.9	-0.3	314.6	0	0	83.8	84.4	23.7	23.4	0	0
143149	42996	231	0.967	2.9	0	314.6	0	0	83.8	84.2	23.7	23.4	0	0
143150	43004	230.5	0.967	3.1	0.4	315	0	0	83.8	84.2	23.6	23.4	0	0
143151	42996	230.5	0.997	3.1	0.4	315	0	0	83.9	84.4	23.6	23.4	0	0
143152	43000	230	0.942	3.1	0.4	315	0	0	83.9	84.4	23.6	23.4	0	0
143153	43004	230	0.988	3.1	0	315	0	0	83.8	84.4	23.6	23.4	0	0
143154	43000	230	0.983	2.9	-0.3	315	0	0	83.8	84.4	23.6	23.4	0	0
143155	43004	230	0.963	2.9	-1	315	0	0	83.8	84.2	23.6	23.4	0	0
143156	43000	230	0.988	2.9	-1	315	0	0	83.8	84.2	23.6	23.4	0	0
143157	43004	230.5	0.976	2.9	-0.3	315	0	0	83.8	84.2	23.6	23.4	0	0
143158	43000	230	0.972	2.9	0.4	315	0	0	83.8	84.2	23.6	23.4	0	0
143159	42996	230.5	0.967	2.9	0.7	315	0	0	83.6	84.2	23.6	23.4	0	0
143160	42996	230.5	0.983	2.9	0.4	315	0	0	83.6	84.2	23.6	23.4	0	0
143161	43004	230.5	0.983	2.9	-0.3	315	0	0	83.6	84.2	23.6	23.3	0	0
143162	43000	230.5	0.972	2.9	-0.7	315	0	0	83.6	84.2	23.6	23.3	0	0
143163	43004	231	0.992	2.9	-0.7	315	0	0	83.6	84.2	23.6	23.3	0	0
143164	43000	231	0.983	3.1	-0.7	315	0	0	83.6	84.2	23.5	23.3	0	0
143165	42996	230.5	0.983	3.1	-0.7	315	0	0	83.6	84.1	23.5	23.3	0	0
143166	42996	230.5	0.983	3.1	-0.3	315	0	0	83.6	84.1	23.5	23.3	0	0
143167	42996	230.5	0.992	3.1	0	315	0	0	83.6	83.9	23.5	23.3	0	0
143168	43000	230	0.974	2.9	0.7	315	0	0	83.6	83.9	23.5	23.3	0	0
143169	43000	230	0.94	2.9	1.1	315	0	0	83.6	84.1	23.5	23.1	0	0
143170	43000	229.5	0.97	2.9	0.4	315	0	0	83.6	84.1	23.4	23.1	0	0
143171	43004	230	0.949	2.9	-0.7	315	0	0	83.4	84.1	23.4	23.1	0	0
143172	43004	230	0.949	2.9	-1	315.3	0	0	83.4	84.1	23.4	23.1	0	0
143173	42996	229.5	0.965	2.9	-0.7	315.3	0	0	83.6	84.1	23.4	23.1	0	0
143174	43004	230	0.96	2.7	0	315	0	0	83.6	84.1	23.4	23.1	0	0
143175	42996	230	0.981	2.9	0.4	315	0	0	83.4	84.1	23.4	23.1	0	0
143176	43000	230	0.965	2.9	0	315	0	0	83.4	84.1	23.4	23.1	0	0
143177	42996	229.5	0.967	2.9	-0.7	315	0	0	83.4	84.1	23.4	23.1	0	0
143178	43000	229.5	0.967	2.9	-1	315	0	0	83.4	84.1	23.4	23.1	0	0
143179	43004	229	0.972	2.9	-1	315	0	0	83.4	84.1	23.4	23.1	0	0
143180	42996	229	0.992	2.9	-0.7	315.3	0	0	83.4	84.1	23.4	23.1	0	0
143181	43004	228.5	1.004	3.1	0.7	315.3	0	0	83.4	84.1	23.4	23.1	0	0
143182	42996	228.5	0.972	3.1	1.4	315.7	0	0	83.4	84.1	23.4	23.1	0	0
143183	43004	228.5	1.004	3.1	1.1	315.7	0	0	83.4	84.1	23.4	23.1	0	0
143184	42996	228.5	0.951	3.1	0.7	315.7	0	0	83.4	84.1	23.3	23.1	0	0
143185	43000	228.5	0.999	3.1	0	315.7	0	0	83.4	83.9	23.3	23.1	0	0
143186	42996	228.5	0.958	3.1	-0.3	315.7	0	0	83.4	83.9	23.3	23.1	0	0
143187	42996	228.5	0.958	3.1	-0.7	315.3	0	0	83.4	84.1	23.3	23.1	0	0
143188	42992	228.5	0.953	2.9	-1.4	315.3	0	0	83.4	84.1	23.3	23.1	0	0
143189	43000	228.5	0.942	2.9	-1	315.3	0	0	83.3	84.1	23.3	23.1	0	0
143190	42992	228	0.979	2.9	-0.7	315.3	0	0	83.3	84.1	23.3	23.1	0	0
143191	43004	228.5	0.958	2.9	0	315.3	0	0	83.4	83.9	23.3	23.1	0	0
143192	43000	228.5	0.967	2.9	0.4	315.3	0	0	83.4	83.9	23.3	23.1	0	0
143193	42992	228.5	0.974	2.9	0.4	315.3	0	0	83.3	84.2	23.3	23.1	0	0
143194	43004	228	0.944	2.9	-0.3	315.3	0	0	83.3	84.2	23.3	23.1	0	0
143195	42984	228	0.965	2.9	-0.7	315.3	0	0	83.4	84.1	23.3	23.1	0	0
143196	42988	228	0.956	2.9	-0.7	315.3	0	0	83.4	84.1	23.3	23.1	0	0
143197	42992	228	0.974	2.9	-0.3	315.3	0	0	83.4	83.9	23.3	23.1	0	0

143198	43000	228.5	0.99	2.9	0.4	315.3	0	0	83.4	83.9	23.3	23.1	0	0
143199	42988	228	0.981	3.1	0.7	315.3	0	0	83.4	83.9	23.3	23.1	0	0
143200	43000	228	1.002	3.1	0.4	315.7	0	0	83.4	83.9	23.3	23.1	0	0
143201	42988	228	0.974	3.1	0	315.7	0	0	83.6	84.1	23.3	23.1	0	0
143202	42992	228	0.995	3.1	-0.3	315.7	0	0	83.6	84.1	23.4	23.1	0	0
143203	43000	228	0.986	3.1	-0.3	315.7	0	0	83.6	84.1	23.4	23.1	0	0
143204	42992	228	0.97	3.1	-0.7	315.7	0	0	83.6	84.1	23.4	23.1	0	0
143205	42992	228	0.97	3.1	-0.7	315.7	0	0	83.6	83.9	23.4	23.1	0	0
143206	43000	228	0.949	2.9	0	315.7	0	0	83.6	83.9	23.4	23.1	0	0
143207	42996	228.5	0.949	2.9	0.4	315.3	0	0	83.6	84.1	23.4	23.1	0	0
143208	42992	228.5	0.976	2.9	0.4	315.3	0	0	83.6	84.1	23.4	23.1	0	0
143209	42992	229	0.976	2.9	0	315.3	0	0	83.8	83.9	23.4	23.1	0	0
143210	42992	229.5	0.976	2.9	-0.3	315	0	0	83.8	83.9	23.5	23.1	0	0
143211	42992	229.5	0.96	2.9	-0.7	315	0	0	83.6	83.9	23.5	23	0	0
143212	43000	230	0.976	2.9	-1	315	0	0	83.6	83.9	23.5	23	0	0
143213	43008	229.5	0.965	2.9	-1	314.6	0	0	83.8	83.9	23.5	23	0	0
143214	43004	229.5	0.956	2.9	-0.3	314.6	0	0	83.8	83.9	23.5	23	0	0
143215	42996	229	0.995	3.1	0.4	315	0	0	83.8	84.1	23.5	23	0	0
143216	42992	229	0.99	3.1	0.4	315	0	0	83.8	84.1	23.5	23	0	0
143217	43004	229	0.995	3.1	0.4	315	0	0	83.8	83.9	23.5	23	0	0
143218	43000	229	0.986	3.1	0.4	315	0	0	83.8	83.9	23.5	23	0	0
143219	43000	228.5	0.976	3.1	0.4	315	0	0	83.8	84.1	23.5	23	0	0
143220	43008	228.5	0.979	3.1	-0.3	315	0	0	83.8	84.1	23.5	23	0	0
143221	42996	228.5	0.983	3.1	-0.7	315.3	0	0	83.8	83.9	23.5	23	0	0
143222	43004	228.5	0.967	3.1	-0.7	315.3	0	0	83.8	83.9	23.5	23	0	0
143223	42996	228.5	0.958	3.1	0	315	0	0	83.8	84.1	23.5	23	0	0
143224	42996	228.5	0.958	3.1	0.4	315	0	0	83.8	84.1	23.5	23	0	0
143225	43008	228	0.953	3.1	-0.3	315	0	0	83.8	84.1	23.5	23	0	0
143226	43004	227.5	0.967	3.1	-1	315	0	0	83.8	84.1	23.5	23	0	0
143227	43004	227.5	0.963	2.9	-1	315.3	0	0	83.8	83.9	23.5	23	0	0
143228	43004	227.5	0.974	2.9	0	315.3	0	0	83.8	83.9	23.5	23	0	0
143229	42992	227	0.967	2.9	1.1	315.7	0	0	83.8	83.9	23.5	23	0	0
143230	42992	227.5	0.979	2.9	1.1	315.7	0	0	83.8	83.9	23.5	23	0	0
143231	43000	227	0.988	3.1	0.4	315.7	0	0	83.9	84.1	23.5	23	0	0
143232	42992	227	0.999	3.1	0	315.7	0	0	83.9	84.1	23.5	23	0	0
143233	43004	227	1.004	3.1	-1	315.7	0	0	83.8	84.1	23.5	23	0	0
143234	43000	227	0.979	3.1	-1	315.7	0	0	83.8	84.1	23.5	23	0	0
143235	43004	227	0.983	3.1	-0.7	315.7	0	0	83.8	84.1	23.5	23.1	0	0
143236	43000	227	0.983	3.1	0	315.7	0	0	83.8	84.1	23.5	23.1	0	0
143237	42992	227.5	0.972	3.1	0.7	315.7	0	0	83.8	84.1	23.5	23.1	0	0
143238	43000	227.5	0.981	3.1	0.7	315.7	0	0	83.8	84.1	23.5	23.1	0	0
143239	42992	228	0.965	3.1	0.4	315.7	0	0	83.8	84.1	23.5	23.1	0	0
143240	42996	227.5	0.96	3.1	0	315.7	0	0	83.8	84.1	23.5	23.1	0	0
143241	43000	227.5	0.965	3.1	-1	315.3	0	0	83.8	84.2	23.5	23.1	0	0
143242	43012	227.5	0.944	3.1	-1.4	315.3	0	0	83.8	84.2	23.5	23.1	0	0
143243	43012	227.5	0.96	2.9	-1	315.7	0	0	83.8	84.2	23.5	23.1	0	0
143244	43000	228	0.96	2.9	0	315.7	0	0	83.8	84.2	23.5	23.1	0	0
143245	43000	228.5	0.965	2.9	0.7	315.7	0	0	83.8	84.1	23.5	23.1	0	0
143246	42992	229	0.947	2.9	0.7	315.7	0	0	83.8	84.1	23.6	23.1	0	0
143247	42992	229	0.999	2.9	0.4	315.3	0	0	83.8	84.1	23.6	23.1	0	0
143248	42992	229	0.972	2.9	0	315.3	0	0	83.8	84.1	23.6	23.1	0	0
143249	43004	229	0.972	2.9	-0.7	315.3	0	0	83.8	84.1	23.6	23.1	0	0
143250	42996	229	1.004	3.1	-1	315	0	0	83.8	84.1	23.6	23.1	0	0
143251	43008	229	0.963	3.1	-1	315	0	0	83.9	84.1	23.6	23.1	0	0
143252	43000	228.5	0.967	3.1	-0.7	315	0	0	83.9	84.1	23.6	23.1	0	0
143253	42988	229	0.958	3.1	0	315.3	0	0	83.9	84.2	23.6	23.1	0	0
143254	43000	229	0.992	3.1	0.7	315.3	0	0	83.9	84.2	23.6	23.1	0	0
143255	42992	229	0.972	3.1	1.1	315	0	0	83.9	84.2	23.6	23.1	0	0
143256	43004	229	0.972	3.1	0.4	315	0	0	83.9	84.2	23.6	23.1	0	0
143257	43000	229	0.992	3.1	-0.7	315	0	0	83.9	84.1	23.6	23.1	0	0
143258	42996	228.5	0.958	3.1	-1	315	0	0	83.9	84.1	23.6	23.1	0	0
143259	42996	229	0.999	3.1	-0.7	315	0	0	83.9	84.1	23.6	23.1	0	0
143260	43008	229	0.988	3.1	-0.3	315	0	0	83.9	84.1	23.6	23.1	0	0
143261	42992	229	0.963	3.1	0	315	0	0	83.9	84.1	23.6	23.1	0	0
143262	43000	228.5	0.983	3.1	0	315	0	0	83.9	84.1	23.6	23.1	0	0
143263	42996	229	0.951	3.1	0	315	0	0	83.9	84.1	23.6	23.1	0	0
143264	42996	228.5	0.912	3.1	0.4	315	0	0	83.9	84.1	23.6	23.1	0	0
143265	42996	228.5	0.953	3.1	0.4	315.3	0	0	83.8	84.2	23.6	23.1	0	0
143266	43000	228.5	0.958	3.1	0.4	315.3	0	0	83.8	84.2	23.6	23.1	0	0
143267	43004	228.5	0.942	3.1	-0.3	315.3	0	0	83.8	84.1	23.6	23.1	0	0
143268	43000	228.5	0.979	3.1	-0.7	315.3	0	0	83.8	84.1	23.6	23.1	0	0

143269	43000	228.5	0.983	3.1	-1	315.3	0	0	83.8	84.2	23.6	23.1	0	0
143270	43000	228	0.958	3.1	-0.7	315.3	0	0	83.8	84.2	23.6	23.1	0	0
143271	42996	228	0.974	3.1	-0.3	315.3	0	0	83.8	84.2	23.6	23.1	0	0
143272	42996	228	0.97	3.1	0.4	315.3	0	0	83.8	84.2	23.6	23.1	0	0
143273	42996	228	0.96	3.1	0.4	315.3	0	0	83.8	84.2	23.6	23.1	0	0
143274	42992	228	0.965	3.1	0	315.3	0	0	83.8	84.2	23.5	23.1	0	0
143275	42996	228.5	0.956	3.1	0	315.3	0	0	83.8	84.2	23.5	23.1	0	0
143276	43000	228	0.995	3.1	0	315	0	0	83.8	84.2	23.5	23.1	0	0
143277	43004	228	0.986	3.1	-0.3	315	0	0	83.8	84.2	23.5	23.1	0	0
143278	43000	227.5	0.976	3.1	-1	315	0	0	83.8	84.2	23.5	23.1	0	0
143279	42996	227.5	0.995	3.1	-1.4	315	0	0	83.8	84.2	23.5	23.1	0	0
143280	42996	227.5	0.931	3.1	-0.7	315	0	0	83.8	84.2	23.5	23.1	0	0
143281	43004	227	0.967	3.1	0.4	315.3	0	0	83.8	84.2	23.5	23.1	0	0
143282	42996	227	0.947	3.1	0.7	315.3	0	0	83.8	84.2	23.5	23.1	0	0
143283	43004	227	0.951	3.1	0.4	315.3	0	0	83.6	84.2	23.5	23.1	0	0
143284	43000	227	0.958	3.1	0	315.3	0	0	83.6	84.2	23.5	23.1	0	0
143285	42992	227	0.972	3.1	-0.3	315.3	0	0	83.8	84.2	23.5	23.3	0	0
143286	42992	227	0.979	2.9	-0.7	315.3	0	0	83.8	84.2	23.4	23.3	0	0
143287	42992	227.5	0.979	2.9	-0.7	315.3	0	0	83.8	84.2	23.4	23.3	0	0
143288	42996	227.5	0.992	3.1	-0.3	315.3	0	0	83.8	84.2	23.4	23.3	0	0
143289	43004	227.5	0.999	3.1	0	315.3	0	0	83.8	84.4	23.4	23.3	0	0
143290	43004	227.5	0.981	3.1	0.4	315.3	0	0	83.8	84.4	23.4	23.3	0	0
143291	43004	227.5	0.974	3.1	0.4	315.3	0	0	83.6	84.6	23.4	23.4	0	0
143292	42996	228	0.995	3.3	0.4	315	0	0	83.6	84.6	23.4	23.4	0	0
143293	42988	228	0.956	3.1	0	315	0	0	83.6	84.4	23.4	23.4	0	0
143294	42992	228	0.986	3.1	-0.7	315	0	0	83.6	84.4	23.4	23.4	0	0
143295	42992	228	0.956	3.1	-1	314.6	0	0	83.8	84.6	23.4	23.5	0	0
143296	42996	228	0.965	2.9	-1	314.6	0	0	83.8	84.6	23.4	23.5	0	0
143297	43004	228	0.949	3.1	-0.7	314.6	0	0	83.8	84.6	23.4	23.5	0	0
143298	43000	228	0.963	3.1	-0.3	314.6	0	0	83.8	84.6	23.4	23.5	0	0
143299	42992	228	0.947	2.9	0	314.6	0	0	83.8	84.7	23.4	23.6	0	0
143300	42996	228	0.983	2.9	0.4	315	0	0	83.8	84.7	23.5	23.6	0	0
143301	42992	227.5	0.988	2.9	0.7	315	0	0	83.8	84.7	23.5	23.7	0	0
143302	43012	228	0.963	2.9	0.7	315	0	0	83.8	84.7	23.5	23.7	0	0
143303	42992	228	1.004	3.1	0	315	0	0	83.8	84.7	23.5	23.7	0	0
143304	42988	228	0.972	3.1	-0.3	315.3	0	0	83.8	84.7	23.5	23.7	0	0
143305	43004	227.5	0.988	3.1	-0.3	315.3	0	0	83.8	84.9	23.5	23.7	0	0
143306	42980	228	0.963	3.1	0	315.3	0	0	83.8	84.9	23.6	23.7	0	0
143307	43016	227.5	0.981	3.3	0.7	315.3	0	0	83.9	84.9	23.6	23.7	0	0
143308	42984	227.5	0.97	3.1	0.7	315.3	0	0	83.9	84.9	23.6	23.7	0	0
143309	43008	227.5	0.935	3.1	0.4	315.3	0	0	83.9	84.7	23.6	23.7	0	0
143310	43000	226.5	0.99	3.1	-0.3	315.3	0	0	83.9	84.7	23.6	23.7	0	0
143311	43004	227.5	0.949	3.1	-1	315.3	0	0	83.9	84.9	23.6	23.7	0	0
143312	43008	227	0.97	3.1	-0.3	315.3	0	0	83.9	84.9	23.6	23.7	0	0
143313	43008	227	0.96	3.1	0.4	315.3	0	0	83.9	84.7	23.6	23.7	0	0
143314	42996	227	0.965	3.1	0	315	0	0	83.9	84.7	23.6	23.7	0	0
143315	42996	227	0.96	3.1	0	315	0	0	83.8	84.7	23.6	23.7	0	0
143316	43000	227.5	0.967	3.1	0	315	0	0	83.8	84.7	23.6	23.7	0	0
143317	43004	227.5	0.988	3.1	-0.3	315	0	0	84.1	84.7	23.6	23.6	0	0
143318	42992	227.5	0.976	3.1	-0.3	315	0	0	84.1	84.7	23.6	23.6	0	0
143319	42992	227.5	0.972	3.1	-0.7	315	0	0	84.1	84.7	23.6	23.6	0	0
143320	42996	228	0.983	3.1	-0.7	315	0	0	84.1	84.7	23.6	23.6	0	0
143321	43004	227.5	0.972	3.1	-0.7	314.6	0	0	84.1	84.6	23.6	23.6	0	0
143322	42992	228	0.976	3.1	-0.3	314.6	0	0	84.1	84.6	23.7	23.6	0	0
143323	43000	228	0.972	3.1	0	314.6	0	0	83.9	84.6	23.7	23.6	0	0
143324	42992	228	0.983	3.1	0.4	314.6	0	0	83.9	84.6	23.7	23.6	0	0
143325	43000	228.5	0.988	3.1	0.7	314.6	0	0	84.1	84.7	23.7	23.6	0	0
143326	42996	228.5	0.947	3.1	0.4	314.6	0	0	84.1	84.7	23.7	23.6	0	0
143327	42996	228.5	0.988	3.1	-0.3	314.6	0	0	84.1	84.7	23.7	23.6	0	0
143328	43000	228.5	0.942	3.1	-0.7	314.6	0	0	84.1	84.7	23.7	23.6	0	0
143329	42992	228.5	0.983	3.1	-0.7	314.6	0	0	84.1	84.9	23.7	23.6	0	0
143330	43004	228.5	0.947	2.9	-0.3	314.6	0	0	84.1	84.9	23.7	23.6	0	0
143331	43008	229	0.947	3.1	0	314.6	0	0	84.1	84.7	23.7	23.7	0	0
143332	43000	228.5	0.958	2.9	0	314.6	0	0	84.1	84.7	23.7	23.7	0	0
143333	43004	228.5	0.965	2.9	0.4	314.6	0	0	84.1	84.7	23.7	23.7	0	0
143334	43016	228.5	0.981	2.9	1.1	314.6	0	0	84.1	84.7	23.7	23.7	0	0
143335	43004	228.5	0.986	2.9	0.7	314.6	0	0	84.1	84.7	23.7	23.7	0	0
143336	42996	229	0.99	2.9	0	314.6	0	0	84.1	84.7	23.7	23.7	0	0
143337	43008	229.5	0.981	2.9	-0.7	314.6	0	0	84.1	84.9	23.7	23.7	0	0
143338	42996	229	0.935	2.9	-1	314.6	0	0	84.1	84.9	23.7	23.7	0	0
143339	43004	229	0.96	2.9	-0.3	314.6	0	0	84.1	84.7	23.7	23.7	0	0

143340	43004	229	0.965	3.1	0.4	314.6	0	0	84.1	84.7	23.7	23.7	0	0
143341	43000	229.5	0.96	3.1	0	314.6	0	0	84.2	84.9	23.7	23.7	0	0
143342	42992	229.5	0.988	3.1	-0.7	314.6	0	0	84.2	84.9	23.9	23.7	0	0
143343	42996	230	0.992	3.1	-1	314.6	0	0	84.1	84.7	23.9	23.7	0	0
143344	42988	230	1.004	3.1	-1	314.6	0	0	84.1	84.7	23.9	23.7	0	0
143345	43004	229.5	0.999	3.1	-0.7	314.6	0	0	84.1	84.7	23.9	23.7	0	0
143346	42984	230	0.999	3.1	0.4	314.6	0	0	84.1	84.7	23.9	23.7	0	0
143347	43000	230	1.004	3.1	1.1	314.6	0	0	84.1	84.7	23.9	23.7	0	0
143348	43000	230	1.008	3.1	0.7	314.6	0	0	84.1	84.7	23.9	23.7	0	0
143349	43000	230.5	1.018	3.1	0	314.6	0	0	84.2	84.7	23.9	23.7	0	0
143350	43004	231	0.995	3.1	-0.7	314.6	0	0	84.2	84.7	23.9	23.7	0	0
143351	43008	230	0.965	3.1	0	314.6	0	0	84.1	84.6	23.9	23.6	0	0
143352	43004	229.5	0.99	3.1	0.7	314.6	0	0	84.1	84.6	23.9	23.6	0	0
143353	42996	229.5	0.944	3.1	0.4	315	0	0	84.1	84.6	23.9	23.6	0	0
143354	43012	229.5	0.91	2.9	0	315	0	0	84.1	84.6	23.9	23.6	0	0
143355	43000	230	0.949	2.9	-0.3	315	0	0	84.1	84.6	23.9	23.6	0	0
143356	43016	230	0.976	2.7	-0.3	315	0	0	84.1	84.6	23.9	23.6	0	0
143357	43012	230	0.94	2.7	-0.7	315	0	0	84.2	84.4	23.9	23.5	0	0
143358	42996	230	0.99	2.7	-0.7	314.6	0	0	84.2	84.4	23.9	23.5	0	0
143359	42996	230	0.979	2.9	-0.3	314.6	0	0	84.2	84.4	23.9	23.5	0	0
143360	43000	230	0.992	2.9	-0.3	315	0	0	84.2	84.4	23.9	23.5	0	0
143361	42996	230.5	0.967	2.9	0.4	315	0	0	84.1	84.6	23.9	23.5	0	0
143362	42992	230.5	0.983	2.9	0.7	315	0	0	84.1	84.6	23.9	23.5	0	0
143363	43000	230	0.983	2.9	0.4	315	0	0	84.2	84.6	23.9	23.5	0	0
143364	42992	230.5	1.013	2.9	0	315	0	0	84.2	84.6	23.9	23.5	0	0
143365	42996	230	0.988	3.1	-0.3	315	0	0	84.1	84.4	23.9	23.5	0	0
143366	43000	230.5	0.972	3.1	-0.7	315	0	0	84.1	84.4	23.9	23.5	0	0
143367	42996	230.5	0.967	2.9	-0.7	315	0	0	84.1	84.6	23.9	23.5	0	0
143368	43004	230.5	0.979	3.1	-1	315	0	0	84.1	84.6	23.9	23.5	0	0
143369	42996	230	0.983	2.9	-0.7	315	0	0	84.1	84.4	23.9	23.5	0	0
143370	43000	230.5	0.963	2.9	0	315	0	0	84.1	84.4	23.9	23.5	0	0
143371	43000	230	0.967	2.9	0.7	315	0	0	84.1	84.4	23.9	23.5	0	0
143372	43000	230.5	0.972	2.9	0.7	315	0	0	84.1	84.4	23.9	23.5	0	0
143373	42992	230	0.958	2.9	0	315	0	0	84.1	84.6	23.9	23.5	0	0
143374	43004	230.5	0.967	2.9	-0.7	315	0	0	84.1	84.6	23.9	23.5	0	0
143375	43000	230.5	0.951	2.9	-0.7	315	0	0	83.9	84.6	23.9	23.5	0	0
143376	43004	230.5	0.979	2.9	-1	315	0	0	83.9	84.6	23.7	23.5	0	0
143377	43000	230.5	0.963	2.9	-0.3	315	0	0	83.9	84.4	23.7	23.5	0	0
143378	43004	230.5	0.972	2.9	1.1	315	0	0	83.9	84.4	23.7	23.5	0	0
143379	43004	230.5	0.983	2.9	1.1	315	0	0	83.9	84.4	23.7	23.5	0	0
143380	42992	230.5	0.979	2.9	0.7	315	0	0	83.9	84.4	23.7	23.5	0	0
143381	43012	230	0.979	2.9	0	315	0	0	83.9	84.4	23.7	23.5	0	0
143382	43000	230	0.988	2.9	-0.7	315	0	0	83.9	84.4	23.6	23.5	0	0
143383	43000	230.5	0.947	2.9	-1	315	0	0	83.8	84.4	23.6	23.5	0	0
143384	42992	230	0.988	2.9	-0.3	315	0	0	83.8	84.4	23.6	23.5	0	0
143385	42992	230.5	0.965	2.9	0	315	0	0	83.8	84.4	23.6	23.5	0	0
143386	43004	230.5	0.99	2.9	0	315	0	0	83.8	84.4	23.6	23.5	0	0
143387	42992	231	0.965	2.9	0	315	0	0	83.8	84.4	23.6	23.5	0	0
143388	43000	230.5	0.949	2.9	-0.3	315	0	0	83.8	84.4	23.5	23.5	0	0
143389	42992	230	0.956	2.9	-1	315	0	0	83.6	84.2	23.5	23.4	0	0
143390	42988	230	0.97	2.9	0.4	315	0	0	83.6	84.2	23.5	23.4	0	0
143391	43004	230.5	0.995	2.9	0.7	315	0	0	83.6	84.2	23.5	23.4	0	0
143392	43008	230.5	0.986	2.9	0	315	0	0	83.6	84.2	23.5	23.4	0	0
143393	43004	229.5	0.956	2.9	-0.3	315	0	0	83.8	84.2	23.5	23.4	0	0
143394	43008	229.5	0.949	2.9	-0.7	315.3	0	0	83.8	84.2	23.5	23.4	0	0
143395	42996	229.5	0.956	2.9	-0.3	315.3	0	0	83.6	84.1	23.5	23.3	0	0
143396	43000	229.5	0.97	2.9	0.4	315.3	0	0	83.6	84.1	23.5	23.3	0	0
143397	43004	229.5	0.949	2.9	0	315.3	0	0	83.8	84.2	23.5	23.3	0	0
143398	43000	229.5	0.97	2.9	-0.7	315.3	0	0	83.8	84.2	23.4	23.3	0	0
143399	43004	229	0.956	2.9	-0.3	315.3	0	0	83.6	84.2	23.4	23.3	0	0
143400	43000	229.5	0.97	2.9	-0.3	315.3	0	0	83.6	84.2	23.4	23.3	0	0
143401	42992	229.5	0.97	2.9	-0.3	315.3	0	0	83.4	84.1	23.4	23.3	0	0
143402	42992	229.5	0.981	2.9	-0.7	315	0	0	83.4	84.1	23.4	23.3	0	0
143403	43000	229	0.99	2.9	-0.7	315	0	0	83.6	84.1	23.4	23.3	0	0
143404	42992	229	0.986	2.9	-0.3	315.3	0	0	83.6	84.1	23.4	23.3	0	0
143405	42992	229.5	1.002	3.1	0.4	315.3	0	0	83.6	84.1	23.4	23.3	0	0
143406	43008	229.5	0.97	3.1	0.7	315.3	0	0	83.6	84.1	23.4	23.3	0	0
143407	42996	229.5	0.99	3.1	0.4	315.3	0	0	83.4	84.1	23.4	23.3	0	0
143408	42992	229.5	1.002	3.1	0.7	315.3	0	0	83.4	84.1	23.4	23.3	0	0
143409	42992	229.5	0.96	3.1	0.4	315.3	0	0	83.6	84.1	23.4	23.3	0	0
143410	42992	229.5	0.94	2.9	-0.3	315.3	0	0	83.6	84.1	23.4	23.3	0	0

143411	42996	229.5	0.953	2.9	-1	315.3	0	0	83.6	84.2	23.4	23.3	0	0
143412	42992	229.5	0.958	2.9	-1.4	315.3	0	0	83.6	84.2	23.4	23.3	0	0
143413	42996	230	0.942	2.9	-0.7	315.3	0	0	83.4	84.2	23.4	23.3	0	0
143414	43000	230	0.953	2.9	0	315.3	0	0	83.4	84.2	23.4	23.3	0	0
143415	42996	230	0.947	2.9	0.4	315	0	0	83.6	84.1	23.4	23.3	0	0
143416	42996	229.5	0.967	2.9	0.4	315	0	0	83.6	84.1	23.4	23.3	0	0
143417	42988	230	0.928	2.9	0	315.3	0	0	83.6	84.1	23.4	23.3	0	0
143418	43000	230.5	0.942	2.9	0	315	0	0	83.6	84.1	23.4	23.3	0	0
143419	42988	230.5	0.963	2.9	0	315	0	0	83.6	84.1	23.4	23.3	0	0
143420	43000	231	1.006	2.9	-0.7	315	0	0	83.6	84.1	23.4	23.3	0	0
143421	42992	231	1.015	2.9	-1	315	0	0	83.6	84.2	23.4	23.3	0	0
143422	42992	231	0.986	2.9	-0.7	315	0	0	83.6	84.2	23.4	23.3	0	0
143423	43000	231	1.006	2.9	-0.3	315	0	0	83.6	84.1	23.4	23.3	0	0
143424	42996	231	0.976	2.9	0.4	315	0	0	83.6	84.1	23.4	23.3	0	0
143425	43000	231	1.006	3.1	0.7	315	0	0	83.6	84.1	23.4	23.3	0	0
143426	43000	231	1.006	3.1	0.4	315	0	0	83.6	84.1	23.4	23.3	0	0
143427	43000	231	0.986	2.9	0	315	0	0	83.6	84.2	23.4	23.3	0	0
143428	42996	230.5	0.976	2.9	-0.3	315	0	0	83.6	84.2	23.5	23.3	0	0
143429	43012	231	0.94	2.9	-0.7	315	0	0	83.6	84.2	23.5	23.3	0	0
143430	43000	230.5	0.935	2.9	-0.7	315	0	0	83.6	84.2	23.5	23.3	0	0
143431	43008	230.5	0.949	2.7	-0.3	314.6	0	0	83.6	84.1	23.5	23.3	0	0
143432	43012	231	0.97	2.7	0	314.6	0	0	83.6	84.1	23.5	23.3	0	0
143433	43004	231	0.96	2.7	0.4	314.6	0	0	83.6	84.1	23.5	23.3	0	0
143434	43004	231	0.976	2.7	0.4	314.6	0	0	83.6	84.1	23.5	23.3	0	0
143435	43000	231	0.949	2.7	0	314.6	0	0	83.6	84.1	23.5	23.1	0	0
143436	43008	231	0.986	2.7	-0.3	314.6	0	0	83.6	84.1	23.4	23.1	0	0
143437	42996	231	0.974	2.9	-0.7	314.6	0	0	83.6	84.1	23.4	23.1	0	0
143438	42992	231	0.99	2.9	-0.7	314.6	0	0	83.6	84.1	23.4	23.1	0	0
143439	42996	231	0.97	2.9	-0.3	314.6	0	0	83.6	84.1	23.4	23.1	0	0
143440	43000	231	0.96	2.9	0	314.6	0	0	83.6	84.1	23.4	23.1	0	0
143441	42992	231	0.974	2.9	0.4	314.6	0	0	83.6	84.1	23.4	23.1	0	0
143442	42996	231	0.99	2.9	0	314.3	0	0	83.6	84.1	23.4	23.1	0	0
143443	43000	231	0.974	2.9	-0.3	314.6	0	0	83.6	84.1	23.4	23.1	0	0
143444	42988	231	0.96	2.9	-0.3	314.6	0	0	83.6	84.1	23.4	23.1	0	0
143445	43000	231	0.97	2.9	-0.3	314.3	0	0	83.6	84.1	23.4	23.1	0	0
143446	42996	231.5	0.97	2.9	-0.7	314.3	0	0	83.6	84.1	23.4	23.1	0	0
143447	42996	231.5	0.974	2.9	-0.7	314.3	0	0	83.6	84.1	23.4	23.1	0	0
143448	43000	231.5	0.986	2.9	-0.7	314.3	0	0	83.6	84.1	23.4	23.1	0	0
143449	42996	231.5	0.981	2.9	0	314.3	0	0	83.4	83.9	23.4	23	0	0
143450	42992	231.5	0.981	2.9	0.4	314.3	0	0	83.4	83.9	23.3	23	0	0
143451	42992	231.5	0.981	2.9	0.7	314.3	0	0	83.6	83.9	23.3	23	0	0
143452	43000	231.5	0.974	2.9	0.4	314.3	0	0	83.6	83.9	23.3	23	0	0
143453	42992	231.5	0.974	2.9	0	314.3	0	0	83.4	83.9	23.3	23	0	0
143454	43000	231.5	0.983	2.9	-0.3	314.3	0	0	83.4	83.9	23.3	23	0	0
143455	43000	231	0.988	2.9	-0.7	314.3	0	0	83.4	83.9	23.3	22.9	0	0
143456	42992	231	0.972	2.9	-0.7	314.3	0	0	83.4	83.9	23.3	22.9	0	0
143457	42996	231	0.967	2.9	-0.3	314.3	0	0	83.4	83.8	23.3	22.9	0	0
143458	43008	231	0.992	2.9	0	314.3	0	0	83.4	83.8	23.3	22.9	0	0
143459	43000	230.5	0.963	2.9	0.4	314.6	0	0	83.4	83.8	23.3	22.8	0	0
143460	43000	230.5	0.963	2.9	0.4	314.6	0	0	83.4	83.8	23.1	22.8	0	0
143461	43004	230.5	0.976	2.9	0.4	314.6	0	0	83.3	83.8	23.1	22.8	0	0
143462	43000	230.5	0.963	2.9	0	314.6	0	0	83.3	83.8	23.1	22.8	0	0
143463	43000	230.5	0.992	2.9	-0.3	314.6	0	0	83.3	83.8	23.1	22.8	0	0
143464	42996	230.5	0.967	2.9	-0.7	314.6	0	0	83.3	83.8	23.1	22.8	0	0
143465	42996	230	0.958	2.9	-1	314.6	0	0	83.3	83.6	23.1	22.7	0	0
143466	43000	230	0.967	2.9	-0.7	314.6	0	0	83.3	83.6	23.1	22.7	0	0
143467	43004	230	0.951	2.9	0	314.6	0	0	83.1	83.6	23.1	22.7	0	0
143468	42996	230	0.958	2.9	0.4	314.6	0	0	83.1	83.6	23	22.7	0	0
143469	42996	230	0.992	2.9	0.4	314.6	0	0	83.1	83.6	23	22.7	0	0
143470	42988	230	1.004	2.9	-0.3	314.6	0	0	83.1	83.6	23	22.7	0	0
143471	43000	230	0.997	2.9	-0.3	314.6	0	0	83.3	83.4	23	22.6	0	0
143472	43008	230	1.004	3.1	-0.7	314.6	0	0	83.3	83.4	23	22.6	0	0
143473	43008	230	0.983	3.1	-0.7	314.6	0	0	83.3	83.4	23	22.6	0	0
143474	42992	230	1.004	3.1	-0.7	314.3	0	0	83.3	83.4	23	22.6	0	0
143475	43000	230	0.972	3.1	-0.7	314.3	0	0	83.1	83.4	23	22.6	0	0
143476	43000	230	0.992	3.1	-0.7	314.3	0	0	83.1	83.4	23	22.6	0	0
143477	42992	230	0.979	3.1	-0.3	314.3	0	0	83.3	83.4	23	22.6	0	0
143478	43000	230	0.967	3.1	0	314.3	0	0	83.3	83.4	23	22.6	0	0
143479	42992	230	0.958	3.1	0.4	314.3	0	0	83.1	83.4	23	22.4	0	0
143480	42996	230	0.972	2.9	0.4	314.3	0	0	83.1	83.4	23	22.4	0	0
143481	42996	229.5	0.972	2.9	0	314.3	0	0	83.1	83.4	23	22.4	0	0

143482	43000	229.5	0.967	2.9	0	314.3	0	0	83.1	83.4	22.9	22.4	0	0
143483	43008	229.5	0.963	2.9	0	314.3	0	0	83.1	83.4	22.9	22.4	0	0
143484	42992	229.5	0.967	2.9	-0.3	314.3	0	0	83.1	83.4	22.9	22.4	0	0
143485	43004	229.5	0.967	2.9	-0.3	314.3	0	0	83.3	83.4	22.9	22.4	0	0
143486	43004	229.5	0.979	2.9	-0.3	314.3	0	0	83.3	83.4	22.9	22.4	0	0
143487	42996	229.5	0.983	2.9	-0.3	314.3	0	0	83.1	83.4	22.9	22.4	0	0
143488	43000	229.5	1.008	2.9	-0.7	314.3	0	0	83.1	83.4	22.9	22.4	0	0
143489	43004	229.5	0.988	2.9	-0.7	314.3	0	0	83.1	83.6	22.9	22.4	0	0
143490	42992	229.5	0.979	2.9	-0.7	314.3	0	0	83.1	83.6	22.9	22.4	0	0
143491	42996	229.5	0.967	3.1	-0.7	314.3	0	0	83.3	83.6	22.9	22.4	0	0
143492	43004	229	0.963	3.1	-0.3	314.3	0	0	83.3	83.6	22.9	22.4	0	0
143493	42996	229	0.992	3.1	0	314.3	0	0	83.3	83.4	22.9	22.4	0	0
143494	42996	229	0.983	3.1	0	314.3	0	0	83.3	83.4	22.9	22.4	0	0
143495	43008	228.5	0.992	3.1	0.4	314.3	0	0	83.3	83.6	22.9	22.4	0	0
143496	43012	229	0.979	3.1	0.4	314.3	0	0	83.3	83.6	22.9	22.4	0	0
143497	42996	228.5	0.983	3.1	0.4	314.6	0	0	83.3	83.4	22.9	22.4	0	0
143498	43000	228.5	0.96	3.1	0	314.6	0	0	83.3	83.4	22.9	22.4	0	0
143499	42996	228.5	0.986	2.9	-0.3	314.6	0	0	83.3	83.4	22.9	22.4	0	0
143500	43000	228.5	0.981	2.9	-0.7	314.6	0	0	83.3	83.4	22.9	22.4	0	0
143501	42992	228.5	0.981	2.9	-1	314.3	0	0	83.3	83.6	22.9	22.6	0	0
143502	42992	228.5	0.935	2.9	-1	314.3	0	0	83.3	83.6	22.9	22.6	0	0
143503	43004	228.5	0.96	2.9	-0.7	314.3	0	0	83.1	83.6	22.9	22.6	0	0
143504	42996	228.5	0.981	2.9	-0.3	314.3	0	0	83.1	83.6	22.9	22.6	0	0
143505	43004	228.5	0.97	2.9	0.4	314.3	0	0	83.3	83.8	22.9	22.6	0	0
143506	43000	228.5	0.97	2.9	0.7	314.3	0	0	83.3	83.8	22.9	22.6	0	0
143507	43000	228.5	1.002	2.9	0.4	314.3	0	0	83.3	83.8	22.9	22.6	0	0
143508	43008	228.5	0.99	2.9	0	314.6	0	0	83.3	83.8	22.9	22.6	0	0
143509	42996	228.5	0.995	3.1	-0.3	314.6	0	0	83.1	83.8	22.9	22.6	0	0
143510	43004	228.5	0.965	3.1	-0.7	314.3	0	0	83.1	83.8	22.9	22.6	0	0
143511	42992	228.5	0.97	3.1	-0.7	314.3	0	0	83.3	83.8	22.9	22.7	0	0
143512	42992	228.5	0.995	3.1	-0.3	314.3	0	0	83.3	83.8	22.9	22.7	0	0
143513	42996	228.5	0.974	3.1	0	314.3	0	0	83.1	83.6	22.9	22.7	0	0
143514	43004	228	0.99	3.1	0.4	314.6	0	0	83.1	83.6	22.9	22.7	0	0
143515	43000	228	0.992	3.1	0.4	314.6	0	0	83.3	83.8	22.9	22.7	0	0
143516	42996	228	0.988	3.1	0	314.6	0	0	83.3	83.8	22.9	22.7	0	0
143517	43004	228	0.963	3.1	0	314.6	0	0	83.3	83.8	22.9	22.7	0	0
143518	42996	228	0.958	3.1	0	314.6	0	0	83.3	83.8	23	22.7	0	0
143519	42992	228	0.997	3.1	-0.3	314.6	0	0	83.3	83.8	23	22.7	0	0
143520	42992	228.5	0.951	2.9	-0.7	314.6	0	0	83.3	83.8	23	22.7	0	0
143521	43000	228.5	0.997	2.9	-0.7	314.3	0	0	83.3	83.8	23	22.7	0	0
143522	42996	228.5	0.976	2.9	-1	314.3	0	0	83.3	83.8	23	22.7	0	0
143523	42996	228.5	0.958	2.9	-0.7	314.3	0	0	83.4	83.9	23	22.7	0	0
143524	42992	228.5	0.983	2.9	0	314.3	0	0	83.4	83.9	23	22.7	0	0
143525	43000	228.5	0.963	2.9	0.4	314.3	0	0	83.3	83.8	23	22.8	0	0
143526	42992	228.5	0.974	3.1	0.4	314.3	0	0	83.3	83.8	23	22.8	0	0
143527	42992	228.5	0.992	3.1	0.4	314.3	0	0	83.4	83.8	23	22.8	0	0
143528	42996	228	0.974	3.1	0	314.3	0	0	83.4	83.8	23	22.8	0	0
143529	43000	228	0.983	3.1	-0.3	314.3	0	0	83.4	83.9	23	22.8	0	0
143530	42996	228	0.983	3.1	-0.7	314.3	0	0	83.4	83.9	23	22.8	0	0
143531	42996	228.5	0.974	3.1	-0.7	314.3	0	0	83.4	83.9	23	22.8	0	0
143532	43004	228.5	0.976	3.1	-0.7	314.3	0	0	83.4	83.9	23	22.8	0	0
143533	42996	228.5	0.976	3.1	0	314.3	0	0	83.4	83.9	23	22.8	0	0
143534	43004	228.5	0.976	3.1	0.4	314.3	0	0	83.4	83.9	23	22.8	0	0
143535	42996	228.5	0.976	3.1	0.4	314.3	0	0	83.4	83.9	23	22.8	0	0
143536	43008	228	0.96	3.1	0.4	314.3	0	0	83.4	83.9	23	22.8	0	0
143537	43004	228.5	0.965	2.9	-0.3	314.3	0	0	83.4	83.9	23	22.8	0	0
143538	43000	228.5	0.976	2.9	-0.7	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143539	43000	228.5	0.956	2.9	-0.7	314.3	0	0	83.4	83.8	23.1	22.8	0	0
143540	43004	228.5	0.956	2.9	-0.7	314.3	0	0	83.4	83.8	23.1	22.8	0	0
143541	43004	228.5	0.942	2.9	-0.3	314.3	0	0	83.4	83.8	23.1	22.8	0	0
143542	42996	228.5	0.974	2.9	0	314.3	0	0	83.4	83.8	23.1	22.8	0	0
143543	42992	228.5	0.983	2.9	0	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143544	43000	228.5	0.963	2.9	0	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143545	42996	228.5	0.967	2.9	0.4	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143546	43004	228	0.999	3.1	0.4	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143547	42996	228	0.988	3.1	0	314.3	0	0	83.4	83.8	23.1	22.8	0	0
143548	42992	228.5	0.979	3.1	-0.3	314.6	0	0	83.4	83.8	23.1	22.8	0	0
143549	42996	228.5	0.983	3.1	-0.7	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143550	42988	228.5	0.999	3.1	-1	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143551	43004	228	0.979	3.1	-1	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143552	43000	228	0.999	3.1	-0.3	314.3	0	0	83.4	83.9	23.1	22.8	0	0

143553	43000	228	0.988	3.1	0	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143554	43000	228	0.979	3.1	0.7	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143555	43000	228	0.983	3.1	0.4	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143556	43008	228	0.972	3.1	0	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143557	42992	228	0.967	3.1	-0.3	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143558	42996	227.5	0.965	3.1	-0.7	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143559	43000	228	0.976	2.9	-0.7	314.6	0	0	83.4	83.8	23.1	22.8	0	0
143560	43000	227.5	0.956	2.9	-0.3	314.6	0	0	83.4	83.8	23.1	22.8	0	0
143561	43000	227.5	0.96	2.9	0	314.6	0	0	83.4	83.8	23.1	22.8	0	0
143562	43000	227.5	0.956	2.9	0.4	314.6	0	0	83.4	83.8	23.1	22.8	0	0
143563	43000	228	0.986	3.1	0.4	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143564	42996	228	0.981	3.1	0	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143565	42996	228	0.965	3.1	-0.3	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143566	42988	227.5	0.986	3.1	-0.7	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143567	43000	228	0.981	3.1	-1	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143568	42988	228	0.981	3.1	-0.7	314.3	0	0	83.4	83.9	23.1	22.8	0	0
143569	42996	228	1.002	3.1	-0.3	314.3	0	0	83.4	83.8	23.1	22.8	0	0
143570	43008	228	0.995	3.3	0	314.3	0	0	83.4	83.8	23.1	22.8	0	0
143571	42996	227.5	0.965	3.3	0.4	314.3	0	0	83.6	83.9	23.1	22.8	0	0
143572	42996	227.5	0.976	3.1	0.4	314.6	0	0	83.6	83.9	23.1	22.8	0	0
143573	42996	227.5	0.944	3.1	0	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143574	43000	227.5	0.935	3.1	0	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143575	43004	227.5	0.944	3.1	-0.3	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143576	43000	227.5	0.942	2.9	-0.7	314.6	0	0	83.4	83.9	23.1	22.8	0	0
143577	42996	227.5	0.967	2.9	-1	314.3	0	0	83.6	83.9	23.1	22.8	0	0
143578	42996	227.5	0.983	2.9	-0.7	314.3	0	0	83.6	83.9	23.1	22.8	0	0
143579	42996	227.5	0.951	2.9	-0.3	314.3	0	0	83.6	83.9	23.1	22.8	0	0
143580	43004	227.5	0.979	2.9	0	314.3	0	0	83.6	83.9	23.1	22.8	0	0
143581	43000	227.5	0.967	3.1	0.4	314.3	0	0	83.6	83.9	23.1	22.8	0	0
143582	43000	227.5	1.018	3.1	0.4	314.3	0	0	83.6	83.9	23.1	22.8	0	0
143583	43004	227.5	0.967	3.1	0	314.6	0	0	83.4	83.9	23.1	22.9	0	0
143584	43000	227.5	1.004	3.1	-0.3	314.3	0	0	83.4	83.9	23.1	22.9	0	0
143585	42988	227.5	0.988	3.1	-0.7	314.3	0	0	83.6	83.9	23.1	22.9	0	0
143586	42996	227.5	0.958	3.1	-1	314.3	0	0	83.6	83.9	23.1	22.9	0	0
143587	42992	227.5	0.942	3.1	-0.7	314.3	0	0	83.4	83.9	23.1	22.9	0	0
143588	42996	228	0.951	3.1	0	314.3	0	0	83.4	83.9	23.1	22.9	0	0
143589	43000	228	0.942	3.1	0.4	314.3	0	0	83.6	84.1	23.1	22.9	0	0
143590	43004	227.5	0.958	3.1	0.4	314.3	0	0	83.6	84.1	23.1	22.9	0	0
143591	43000	228	0.972	3.1	0	314.3	0	0	83.6	84.1	23.1	22.9	0	0
143592	42992	227.5	0.951	3.1	0	314.3	0	0	83.6	84.1	23.1	22.9	0	0
143593	42996	227.5	0.963	3.1	-0.3	314.3	0	0	83.6	84.1	23.1	23	0	0
143594	43004	228	0.972	3.1	-0.7	314.3	0	0	83.6	84.1	23.1	23	0	0
143595	42992	228	0.979	3.1	-0.7	314.3	0	0	83.6	84.4	23.1	23.1	0	0
143596	42996	228	0.979	3.1	-0.7	314.3	0	0	83.6	84.4	23.3	23.1	0	0
143597	42996	228.5	0.951	3.1	-0.3	314.3	0	0	83.6	84.4	23.3	23.1	0	0
143598	43000	228	0.983	3.1	0	314.3	0	0	83.6	84.4	23.3	23.1	0	0
143599	43004	228	0.958	3.1	0	314.3	0	0	83.6	84.4	23.3	23.3	0	0
143600	43004	228	0.979	3.1	0.4	314.3	0	0	83.6	84.4	23.3	23.3	0	0
143601	42996	228	0.999	3.1	0.4	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143602	43008	227.5	0.986	3.1	0	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143603	43004	228	0.981	3.1	-0.3	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143604	43008	228	0.99	3.1	-0.7	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143605	43000	227.5	0.97	3.1	-0.7	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143606	42996	227.5	0.96	3.1	-0.3	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143607	43000	227.5	0.981	3.1	0	314.3	0	0	83.6	84.4	23.3	23.3	0	0
143608	42996	227.5	0.981	2.9	0.4	314.3	0	0	83.6	84.4	23.3	23.3	0	0
143609	43004	227.5	0.99	3.1	0.4	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143610	42996	227.5	0.97	3.1	0.4	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143611	42996	227.5	0.981	3.1	0	314.3	0	0	83.6	84.4	23.3	23.3	0	0
143612	43000	227.5	0.97	2.9	-0.7	314.3	0	0	83.6	84.4	23.3	23.3	0	0
143613	43000	227.5	0.97	2.9	-0.7	314.3	0	0	83.8	84.4	23.3	23.3	0	0
143614	42992	228	0.981	2.9	-0.7	314.3	0	0	83.8	84.4	23.4	23.3	0	0
143615	42992	227.5	0.981	2.9	-0.3	314.3	0	0	83.6	84.4	23.4	23.3	0	0
143616	43000	227.5	0.976	2.9	0	314.3	0	0	83.6	84.4	23.4	23.3	0	0
143617	43004	227.5	0.986	2.9	0.4	314.3	0	0	83.8	84.4	23.4	23.3	0	0
143618	43008	228	0.981	3.1	0.7	314.3	0	0	83.8	84.4	23.4	23.3	0	0
143619	43000	228	0.976	3.1	0.4	314.3	0	0	83.8	84.6	23.4	23.3	0	0
143620	42996	228	0.976	2.9	0	314.3	0	0	83.8	84.6	23.4	23.3	0	0
143621	42996	228	0.988	3.1	-0.3	314.3	0	0	83.8	84.4	23.4	23.4	0	0
143622	43000	228	0.983	3.1	-0.7	314.3	0	0	83.8	84.4	23.4	23.4	0	0
143623	42988	228	0.988	3.1	-0.7	314.3	0	0	83.8	84.4	23.4	23.4	0	0

143624	43008	228.5	0.988	3.1	-0.3	314.3	0	0	83.8	84.4	23.4	23.4	0	0
143625	43004	228	0.992	3.1	0.4	314.3	0	0	83.8	84.4	23.4	23.4	0	0
143626	43004	228	0.988	3.1	0.4	314.3	0	0	83.8	84.4	23.4	23.4	0	0
143627	42996	227.5	0.992	3.1	0.4	314.3	0	0	83.8	84.2	23.4	23.3	0	0
143628	42992	227.5	0.981	3.1	0	314.3	0	0	83.8	84.2	23.4	23.3	0	0
143629	43004	227.5	0.94	3.1	0	314.3	0	0	83.9	84.4	23.4	23.3	0	0
143630	43004	227.5	0.96	2.9	-0.3	314.3	0	0	83.9	84.4	23.4	23.3	0	0
143631	42996	227.5	0.956	2.9	-0.7	314.3	0	0	83.9	84.2	23.4	23.3	0	0
143632	43000	228	0.944	2.9	-0.7	314.3	0	0	83.9	84.2	23.5	23.3	0	0
143633	42992	228	0.986	2.9	-0.7	314.3	0	0	83.8	84.2	23.5	23.3	0	0
143634	42996	228	1.006	2.9	-0.3	314.3	0	0	83.8	84.2	23.5	23.3	0	0
143635	42996	228	0.974	2.9	0	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143636	42996	228	0.976	2.9	0.4	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143637	43008	228	0.972	3.1	0.4	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143638	42992	227.5	1.004	3.1	0.4	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143639	42996	228	0.997	3.1	0	314.3	0	0	83.8	84.4	23.5	23.3	0	0
143640	42992	228	0.988	3.1	-0.3	314.3	0	0	83.8	84.4	23.5	23.3	0	0
143641	42996	228	0.967	3.1	-0.7	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143642	42992	228	0.976	3.1	-0.7	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143643	42988	228	0.972	3.1	-0.7	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143644	43004	228	0.951	3.1	-0.3	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143645	43008	228	0.965	3.1	0.4	314.3	0	0	83.9	84.2	23.5	23.3	0	0
143646	43000	228	0.956	3.1	0.7	314.3	0	0	83.9	84.2	23.5	23.3	0	0
143647	43004	228	0.986	3.1	0.7	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143648	43004	228	0.97	3.1	0	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143649	43000	228	0.981	3.1	-0.7	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143650	43008	228	0.974	2.9	-1	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143651	42992	228	0.981	2.9	-0.7	314.3	0	0	83.8	84.4	23.5	23.3	0	0
143652	43000	228	0.974	2.9	-0.3	314.3	0	0	83.8	84.4	23.5	23.3	0	0
143653	42996	228	0.974	2.9	0	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143654	43000	228	0.958	3.1	0.4	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143655	43000	228	0.979	3.1	0.4	314.6	0	0	83.9	84.4	23.5	23.4	0	0
143656	42996	228	0.992	3.1	0	314.6	0	0	83.9	84.4	23.5	23.4	0	0
143657	43000	228	0.967	3.1	0	314.6	0	0	84.1	84.4	23.5	23.4	0	0
143658	42992	228	0.979	3.1	-0.3	314.6	0	0	84.1	84.4	23.5	23.4	0	0
143659	42996	228	0.963	3.1	-0.7	314.6	0	0	83.9	84.4	23.5	23.4	0	0
143660	42996	228	0.983	3.1	-0.7	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143661	43004	228.5	0.979	3.1	-0.7	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143662	42996	228.5	0.965	3.1	-0.3	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143663	43004	228.5	0.986	3.1	0.4	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143664	42992	228.5	0.99	3.1	0.4	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143665	42988	228.5	0.986	3.1	0.4	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143666	43000	228.5	0.965	3.1	0	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143667	43000	228.5	0.965	3.1	-0.3	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143668	43004	228.5	0.986	3.1	-0.3	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143669	43000	228.5	1.002	3.1	-0.7	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143670	42996	228.5	0.97	3.1	-1	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143671	42996	228.5	0.958	3.1	-0.3	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143672	43004	228.5	0.979	3.1	0	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143673	43000	228.5	0.979	3.1	0.7	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143674	42992	228.5	0.958	2.9	0.7	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143675	43000	228.5	0.979	2.9	0.4	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143676	43000	228.5	0.979	2.9	-0.7	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143677	42996	228.5	0.967	3.1	-1	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143678	42996	228	1.004	3.1	-0.7	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143679	43008	228	0.992	2.9	-0.3	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143680	42996	228	0.949	2.9	0.4	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143681	43008	228	0.981	2.9	0.4	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143682	42996	228	0.97	2.9	0.4	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143683	42996	228.5	0.935	2.9	0	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143684	43004	228.5	0.97	2.9	0	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143685	43000	228.5	0.949	3.1	-0.3	314.3	0	0	83.8	84.4	23.6	23.4	0	0
143686	42996	228.5	0.981	3.1	-0.7	314.3	0	0	83.8	84.4	23.6	23.4	0	0
143687	42992	229	0.956	2.9	-0.7	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143688	43000	228.5	0.983	2.9	-0.7	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143689	43008	229	0.958	2.9	-0.3	314.3	0	0	83.9	84.2	23.6	23.4	0	0
143690	42996	229	0.951	2.9	0	314.3	0	0	83.9	84.2	23.6	23.4	0	0
143691	43008	229	0.963	2.9	0.4	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143692	42992	229	0.958	2.9	0.4	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143693	42996	229	0.972	2.9	0.4	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143694	43000	229	0.979	3.1	0.4	314.3	0	0	83.9	84.4	23.6	23.4	0	0

143695	43000	229	0.979	3.1	0.4	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143696	43000	229	0.979	3.1	-0.3	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143697	42992	228.5	0.944	3.1	-0.7	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143698	43004	228.5	0.97	3.1	-0.7	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143699	42996	228.5	0.965	3.1	-0.7	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143700	43004	228.5	0.96	3.1	0	314.3	0	0	83.9	84.4	23.6	23.4	0	0
143701	42992	228.5	0.986	3.1	0.4	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143702	43000	228	0.981	3.1	0.4	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143703	42996	228.5	0.97	3.1	0	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143704	42996	228.5	0.97	3.1	0	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143705	42988	228	0.97	3.1	0	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143706	42996	228.5	0.967	3.1	-0.3	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143707	43008	228.5	0.974	3.1	-0.7	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143708	43008	228	0.979	3.1	-1	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143709	42992	228	0.963	3.1	-1	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143710	42996	228	0.963	3.1	-0.3	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143711	42996	228	0.958	2.9	0	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143712	43000	228	0.963	2.9	0.7	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143713	43004	228	0.974	2.9	0.4	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143714	42996	228.5	0.979	2.9	0	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143715	42996	228.5	0.963	2.9	-0.3	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143716	43000	228.5	0.967	2.9	-0.7	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143717	43000	229	0.979	3.1	-0.7	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143718	43000	229	0.988	3.1	-0.3	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143719	42992	229	0.983	3.1	-0.3	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143720	42996	229	0.979	3.1	-0.3	314.3	0	0	83.9	84.4	23.6	23.3	0	0
143721	42996	229	0.979	3.1	0	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143722	42992	229	0.963	3.1	0.4	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143723	42996	229	0.967	3.1	0.7	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143724	43000	229	0.988	3.1	0.4	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143725	43000	229	0.979	3.1	0	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143726	43000	228.5	0.967	3.1	-0.3	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143727	42996	228.5	0.967	3.1	-0.7	314.6	0	0	83.9	84.6	23.6	23.4	0	0
143728	43000	229	0.974	3.1	-0.7	314.3	0	0	83.9	84.6	23.6	23.4	0	0
143729	43004	229	0.958	3.1	-0.3	314.3	0	0	83.9	84.6	23.6	23.4	0	0
143730	42996	229	0.963	3.1	-0.3	314.3	0	0	83.9	84.6	23.6	23.4	0	0
143731	43008	229	0.947	3.1	-0.7	314.3	0	0	83.9	84.6	23.6	23.4	0	0
143732	43004	229	0.986	3.1	-0.3	314.3	0	0	83.9	84.6	23.6	23.4	0	0
143733	43004	229	0.97	3.1	0.4	314.6	0	0	83.9	84.6	23.6	23.5	0	0
143734	42996	229	0.981	3.1	1.1	314.6	0	0	83.9	84.6	23.6	23.5	0	0
143735	43004	229	0.935	2.9	1.1	314.6	0	0	83.9	84.4	23.6	23.5	0	0
143736	43000	229	0.96	2.9	0.4	314.6	0	0	83.9	84.4	23.6	23.5	0	0
143737	43004	229	0.97	2.9	0	314.6	0	0	84.1	84.6	23.6	23.5	0	0
143738	43008	229	0.949	2.9	-0.7	314.6	0	0	84.1	84.6	23.6	23.5	0	0
143739	42996	229	0.97	2.9	-1.4	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143740	43004	229	0.972	2.9	-0.7	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143741	43000	228.5	0.992	2.9	0	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143742	42996	229	0.979	2.9	0.4	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143743	43004	228.5	0.963	2.9	0.7	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143744	42992	228.5	0.958	2.9	0.7	315	0	0	83.9	84.4	23.6	23.4	0	0
143745	42996	228.5	0.958	2.9	0.4	315	0	0	83.9	84.4	23.6	23.4	0	0
143746	43008	228.5	0.972	3.1	0	315	0	0	83.9	84.4	23.6	23.4	0	0
143747	42992	228.5	0.967	3.1	-0.7	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143748	43004	228.5	0.983	3.1	-1	314.6	0	0	83.9	84.4	23.6	23.4	0	0
143749	42992	228	0.986	3.1	-0.7	314.6	0	0	83.9	84.2	23.6	23.3	0	0
143750	42996	228	0.965	3.1	-0.7	314.6	0	0	83.9	84.2	23.6	23.3	0	0
143751	43004	228	0.944	3.1	-0.7	314.3	0	0	83.9	84.2	23.6	23.3	0	0
143752	43008	228	0.953	2.9	-0.7	314.6	0	0	83.9	84.2	23.6	23.3	0	0
143753	42996	228	0.96	2.9	-0.3	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143754	42996	228	0.974	2.9	0	314.6	0	0	83.9	84.4	23.6	23.3	0	0
143755	43004	228	0.986	2.9	0.4	314.6	0	0	83.8	84.2	23.6	23.3	0	0
143756	42996	227.5	0.97	2.9	0.7	314.6	0	0	83.8	84.2	23.5	23.3	0	0
143757	43004	227.5	0.953	2.9	0.4	314.6	0	0	83.9	84.4	23.5	23.3	0	0
143758	43000	228	1.002	2.9	0	314.6	0	0	83.9	84.4	23.5	23.3	0	0
143759	42988	228	0.965	2.9	0	314.6	0	0	83.9	84.4	23.5	23.3	0	0
143760	42988	228	0.986	3.1	-0.3	314.3	0	0	83.9	84.4	23.5	23.3	0	0
143761	42996	228.5	0.981	3.1	-0.3	314.3	0	0	83.9	84.2	23.5	23.3	0	0
143762	42996	228	0.97	3.1	-0.3	314.3	0	0	83.9	84.2	23.5	23.3	0	0
143763	43008	228	0.974	3.1	-0.7	314.3	0	0	83.8	84.4	23.5	23.3	0	0
143764	43000	228	1.002	3.1	-1	314.3	0	0	83.8	84.4	23.5	23.3	0	0
143765	43000	228.5	0.986	3.1	-0.3	314.3	0	0	83.9	84.2	23.5	23.3	0	0

143766	42988	228.5	0.995	3.1	0.7	313.9	0	0	83.9	84.2	23.5	23.3	0	0
143767	42992	228.5	0.974	3.1	1.1	313.9	0	0	83.9	84.2	23.5	23.3	0	0
143768	43000	228.5	0.981	3.1	0.7	313.9	0	0	83.9	84.2	23.5	23.3	0	0
143769	43000	228.5	0.974	3.1	0	313.9	0	0	83.9	84.6	23.5	23.3	0	0
143770	43008	228.5	0.974	3.1	-1	314.3	0	0	83.9	84.6	23.5	23.3	0	0
143771	43004	228.5	0.96	3.1	-1	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143772	42996	228	0.949	3.1	-0.7	314.3	0	0	83.9	84.4	23.5	23.4	0	0
143773	43012	228.5	0.97	2.9	-0.7	314.3	0	0	83.9	84.6	23.5	23.4	0	0
143774	43000	228.5	0.986	3.1	0.4	314.3	0	0	83.9	84.6	23.5	23.4	0	0
143775	43012	228.5	0.958	2.9	1.1	314.3	0	0	84.1	84.6	23.5	23.5	0	0
143776	42996	228.5	0.999	2.9	0.4	314.3	0	0	84.1	84.6	23.5	23.5	0	0
143777	43000	229	0.983	2.9	-0.7	314.3	0	0	83.9	84.6	23.5	23.5	0	0
143778	43004	228.5	0.988	2.9	-0.3	314.3	0	0	83.9	84.6	23.6	23.5	0	0
143779	42992	228	0.979	2.9	-0.3	314.3	0	0	83.9	84.6	23.6	23.5	0	0
143780	43000	228.5	0.972	2.9	0	314.3	0	0	83.9	84.6	23.6	23.5	0	0
143781	43000	228.5	0.972	2.9	0.7	314.3	0	0	84.1	84.6	23.6	23.5	0	0
143782	43004	228.5	1.008	3.1	0.4	314.3	0	0	84.1	84.6	23.6	23.5	0	0
143783	42996	228.5	1.004	3.1	-0.3	313.9	0	0	83.9	84.6	23.6	23.5	0	0
143784	42996	228.5	0.976	3.1	-1	313.9	0	0	83.9	84.6	23.6	23.5	0	0
143785	43004	229	0.976	3.1	-0.7	313.9	0	0	83.9	84.7	23.6	23.5	0	0
143786	43008	228.5	0.986	3.1	0	313.9	0	0	83.9	84.7	23.6	23.5	0	0
143787	43012	228.5	0.981	2.9	0.4	313.9	0	0	83.9	84.6	23.6	23.5	0	0
143788	42992	228.5	0.976	3.1	0	313.9	0	0	83.9	84.6	23.6	23.5	0	0
143789	42996	228.5	0.981	3.1	0	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143790	42992	229	0.931	2.9	0	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143791	42996	229.5	0.97	2.9	-0.3	313.9	0	0	83.9	84.6	23.6	23.5	0	0
143792	42996	229.5	0.986	2.9	-0.7	313.9	0	0	83.9	84.6	23.6	23.5	0	0
143793	42992	229	0.974	2.9	-0.7	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143794	42992	229.5	0.99	2.9	-0.3	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143795	42996	229.5	0.995	2.9	0	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143796	42996	229.5	0.974	2.9	0.4	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143797	43004	229.5	0.99	3.1	0.4	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143798	42992	229.5	0.986	3.1	0	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143799	42996	229.5	0.974	3.1	0	313.9	0	0	83.9	84.7	23.6	23.5	0	0
143800	42988	229.5	0.99	3.1	0.4	313.9	0	0	83.9	84.7	23.6	23.5	0	0
143801	43008	229	0.965	3.1	0	313.9	0	0	84.1	84.4	23.6	23.5	0	0
143802	43000	229.5	0.981	3.1	-0.3	313.9	0	0	84.1	84.4	23.6	23.5	0	0
143803	42996	229.5	0.97	3.1	-0.7	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143804	43000	229	0.97	2.9	-0.7	313.9	0	0	84.1	84.6	23.6	23.5	0	0
143805	43004	230	0.944	2.9	-0.7	313.9	0	0	83.9	84.6	23.6	23.4	0	0
143806	42996	230.5	0.981	2.9	-0.7	313.9	0	0	83.9	84.6	23.6	23.4	0	0
143807	43004	231	0.965	2.9	-0.3	313.9	0	0	84.1	84.6	23.6	23.4	0	0
143808	42992	231	0.97	2.9	0	313.9	0	0	84.1	84.6	23.6	23.4	0	0
143809	43000	231	0.986	2.9	0.7	313.9	0	0	84.1	84.4	23.6	23.4	0	0
143810	42988	231	0.963	2.9	0.4	313.9	0	0	84.1	84.4	23.6	23.4	0	0
143811	42992	231.5	0.979	2.9	0	313.9	0	0	84.1	84.4	23.6	23.4	0	0
143812	43000	231.5	1.004	2.9	-0.3	313.9	0	0	84.1	84.4	23.6	23.4	0	0
143813	42988	231	0.992	2.9	-0.7	313.9	0	0	84.1	84.6	23.6	23.4	0	0
143814	43008	231	0.963	2.9	-0.7	313.9	0	0	84.1	84.6	23.6	23.4	0	0
143815	43000	231	0.988	2.9	-0.3	313.6	0	0	84.1	84.4	23.6	23.4	0	0
143816	42996	231	0.967	2.9	-0.3	313.6	0	0	84.1	84.4	23.6	23.4	0	0
143817	42988	231	0.967	2.9	0	313.9	0	0	84.1	84.6	23.6	23.4	0	0
143818	42996	230.5	0.965	2.9	0.4	313.9	0	0	84.1	84.6	23.6	23.4	0	0
143819	43008	231	0.96	2.9	0.4	313.9	0	0	83.9	84.4	23.6	23.4	0	0
143820	43008	231	0.981	2.9	0.4	313.9	0	0	83.9	84.4	23.6	23.4	0	0
143821	42996	231	0.956	2.9	0	313.9	0	0	84.1	84.4	23.6	23.3	0	0
143822	42996	231	0.986	2.9	-0.3	313.9	0	0	84.1	84.4	23.6	23.3	0	0
143823	42996	231	0.956	2.9	-0.7	313.9	0	0	84.1	84.4	23.6	23.3	0	0
143824	43000	231	0.99	2.9	-1	313.9	0	0	84.1	84.4	23.6	23.3	0	0
143825	43008	230.5	0.956	2.9	-0.7	313.9	0	0	83.9	84.4	23.6	23.3	0	0
143826	43004	230.5	0.974	2.9	-0.3	313.9	0	0	83.9	84.4	23.6	23.3	0	0
143827	42996	230.5	0.958	2.9	0.4	313.9	0	0	83.9	84.4	23.6	23.3	0	0
143828	42996	230.5	0.958	2.9	0.4	313.9	0	0	83.9	84.4	23.6	23.3	0	0
143829	42992	230.5	0.967	3.1	0.4	313.9	0	0	83.9	84.4	23.6	23.3	0	0
143830	43000	230	0.967	2.9	0	313.9	0	0	83.9	84.4	23.5	23.3	0	0
143831	42992	230.5	1.004	2.9	-0.3	313.9	0	0	83.8	84.2	23.5	23.3	0	0
143832	42988	230	0.999	3.1	-0.7	313.9	0	0	83.8	84.2	23.5	23.3	0	0
143833	42996	230.5	0.988	3.1	-0.7	313.9	0	0	83.8	84.2	23.5	23.3	0	0
143834	42992	230	0.992	3.1	-0.3	313.9	0	0	83.8	84.2	23.5	23.3	0	0
143835	43000	230	0.979	3.1	0	313.9	0	0	83.8	84.4	23.5	23.3	0	0
143836	42992	230.5	0.972	3.1	0.4	313.9	0	0	83.8	84.4	23.4	23.3	0	0

143837	42952	230	0.983	3.1	0.4	313.9	0	0	83.8	84.2	23.4	23.1	0	0
143838	42996	230	0.992	3.1	0.4	313.9	0	0	83.8	84.2	23.4	23.1	0	0
143839	43000	230	0.972	3.1	-0.3	313.9	0	0	83.8	84.2	23.4	23.1	1	0
143840	42992	230.5	0.979	3.3	-0.7	313.9	0	0	83.8	84.2	23.4	23.1	1	0
143841	42992	230	0.983	3.1	-0.7	313.9	0	0	83.8	84.2	23.4	23.1	1	0
143842	42992	230.5	0.979	3.1	-0.7	313.9	0	0	83.8	84.2	23.4	23.1	1	0
143843	43004	230.5	0.983	3.1	-0.3	313.6	0	0	83.6	84.2	23.4	23.1	1	0
143844	43000	230.5	0.981	3.1	-0.3	313.6	0	0	83.6	84.2	23.4	23.1	1	0
143845	43012	230.5	0.965	3.1	-0.3	313.6	0	0	83.6	84.2	23.4	23.1	1	0
143846	43000	230.5	0.976	3.1	0	313.6	0	0	83.6	84.2	23.3	23.1	1	0
143847	42996	230	0.97	2.9	0	313.6	0	0	83.6	84.2	23.3	23.1	1	0
143848	43004	230.5	0.97	2.9	0.4	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143849	43012	230.5	0.981	2.9	0.4	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143850	43012	230.5	0.965	2.9	0	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143851	43000	230	0.981	2.9	-0.3	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143852	43004	230	0.986	2.9	-0.3	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143853	43000	230	0.96	2.9	-0.3	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143854	43004	229.5	0.981	2.9	-0.3	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143855	43000	229.5	0.96	2.9	-0.7	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143856	43004	229.5	0.949	2.9	-0.7	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143857	43004	229.5	0.96	2.9	-0.7	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143858	42996	230	0.965	2.9	-0.7	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143859	43012	230	0.97	2.9	-0.3	313.9	0	0	83.6	84.2	23.3	23.1	1	0
143860	43004	230	0.96	2.9	0.4	313.9	0	1	83.6	84.2	23.3	23.1	1	1
143861	43000	229.5	0.976	2.9	0.4	313.9	0	1	83.6	84.2	23.3	23.1	1	1
143862	42996	230	0.963	2.9	0.4	313.9	0	1	83.6	84.2	23.1	23.1	1	1
143863	42996	230	0.947	2.9	0	313.9	0	1	83.4	84.2	23.1	23.1	1	1
143864	43000	230	0.963	2.9	-0.3	313.9	0	1	83.4	84.2	23.1	23.1	1	1
143865	43000	230	0.992	2.9	-1	313.9	0	1	83.6	84.2	23.1	23.1	1	1
143866	43004	230	0.947	2.9	-1	313.9	0	1	83.6	84.2	23.1	23.1	1	1
143867	43004	230	0.947	2.9	-0.3	313.9	0	1	83.6	84.1	23.1	23	1	1
143868	43004	230	0.972	2.9	0.4	313.9	0	1	83.6	84.1	23.1	23	1	1
143869	43000	230	0.972	2.9	0.7	313.9	0	1	83.6	84.1	23.1	23	1	1
143870	43000	230	0.974	2.9	0.4	313.9	0	1	83.6	84.1	23.1	23	1	1
143871	43004	229.5	0.958	2.9	0	313.9	0	1	83.6	84.1	23.1	23	1	1
143872	43000	229.5	0.974	2.7	-0.7	313.9	0	1	83.6	84.1	23.1	23	1	1
143873	43000	229.5	0.947	2.7	-1	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143874	43004	229.5	0.953	2.7	-1	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143875	43000	229.5	0.963	2.7	-0.3	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143876	43008	229.5	0.974	2.7	0.4	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143877	43004	229.5	0.979	2.7	0.7	313.9	0	1	83.6	83.9	23.1	22.9	1	1
143878	43000	229.5	0.979	2.7	0.4	313.9	0	1	83.6	83.9	23.1	22.9	1	1
143879	43004	229.5	0.956	2.7	0	313.9	0	1	83.6	83.9	23.1	22.9	1	1
143880	42996	229.5	0.96	2.7	-0.3	313.9	0	1	83.6	83.9	23.1	22.9	1	1
143881	43004	229.5	0.965	2.9	-0.7	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143882	42992	229.5	1.006	2.9	-1	313.6	0	1	83.6	84.1	23.1	22.9	1	1
143883	42996	229.5	0.981	2.9	-1	313.6	0	1	83.6	84.1	23.1	22.9	1	1
143884	42988	229.5	0.976	2.9	-0.3	313.6	0	1	83.6	84.1	23.1	22.9	1	1
143885	42992	229.5	0.976	2.9	0	313.6	0	1	83.6	84.1	23.1	22.9	1	1
143886	42992	229.5	0.965	2.9	0	313.6	0	1	83.6	84.1	23.1	22.9	1	1
143887	42992	229	0.96	2.9	0.4	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143888	42996	229	0.979	2.9	0	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143889	43004	229.5	0.958	2.9	-0.3	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143890	42996	229.5	0.947	2.9	-0.7	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143891	43004	229.5	0.967	2.9	-0.7	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143892	42992	229.5	0.947	2.9	-0.3	313.9	0	1	83.6	84.1	23.1	22.9	1	1
143893	42992	230	0.988	2.9	0	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143894	42996	229.5	0.963	2.9	0.4	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143895	42992	229.5	0.963	2.9	0	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143896	42996	230	0.981	2.9	0	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143897	43000	229.5	0.965	2.9	-0.3	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143898	43004	229.5	0.981	2.9	-0.7	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143899	43008	229.5	0.99	2.9	-1	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143900	42996	229.5	0.97	2.9	-0.7	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143901	43008	229.5	0.981	2.9	-0.3	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143902	42996	229.5	0.97	2.9	0	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143903	43000	229.5	0.99	2.9	0.4	313.9	0	1	83.6	83.9	23.1	22.8	1	1
143904	43004	229.5	0.981	2.9	0.4	313.9	0	1	83.6	83.9	23.3	22.8	1	1
143905	42996	229	0.97	2.9	0.4	313.9	0	1	83.6	84.1	23.3	22.8	1	1
143906	43000	229.5	0.99	2.9	-0.3	313.9	0	1	83.6	84.1	23.3	22.8	1	1
143907	42992	229.5	0.97	2.9	-0.7	313.9	0	1	83.6	84.1	23.3	22.8	1	1

143908	42992	229	0.97	3.1	-1	313.9	0	1	83.6	84.1	23.3	22.8	1	1
143909	42988	229.5	0.974	2.9	-0.7	313.9	0	1	83.6	83.9	23.3	22.8	1	1
143910	43000	229.5	0.974	2.9	0	313.9	0	1	83.6	83.9	23.3	22.8	1	1
143911	42992	229.5	0.974	2.9	0.4	313.9	0	1	83.6	84.1	23.3	22.8	1	1
143912	42996	230	0.981	2.9	0.4	313.9	0	1	83.6	84.1	23.3	22.8	1	1
143913	42988	230.5	0.974	2.9	0	313.9	0	1	83.6	83.9	23.3	22.8	1	1
143914	42992	230	0.963	2.9	-0.3	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143915	43000	230.5	0.976	2.9	-0.7	313.6	0	1	83.6	84.1	23.3	22.8	1	1
143916	42996	230	0.951	2.9	-1	313.6	0	1	83.6	84.1	23.3	22.8	1	1
143917	43000	230	0.951	2.9	-0.7	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143918	42996	230	0.967	2.9	-0.3	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143919	42996	230	0.963	2.9	0	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143920	43008	229.5	0.983	2.9	0.4	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143921	43004	230	0.983	2.9	0.4	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143922	43004	229.5	0.972	2.9	0	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143923	43008	230	0.958	2.9	-0.3	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143924	43000	229.5	0.967	2.9	-0.7	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143925	43000	229.5	0.958	2.9	-1	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143926	42996	229.5	0.972	2.9	-1	313.6	0	1	83.6	83.9	23.3	22.8	1	1
143927	43004	229.5	0.967	2.9	-0.7	313.6	0	1	83.6	83.9	23.3	22.8	1	0
143928	43008	229.5	0.947	2.9	0	313.6	0	1	83.6	83.9	23.3	22.8	0	0
143929	42996	229.5	0.958	2.9	0.4	313.6	0	1	83.6	83.9	23.3	22.8	0	0
143930	43012	229.5	0.963	2.9	0.4	313.6	0	1	83.6	83.9	23.3	22.8	0	0
143931	42996	229.5	0.992	2.9	0	313.6	0	1	83.6	84.1	23.3	22.8	0	0
143932	43004	229.5	0.958	2.7	-0.3	313.6	0	1	83.6	84.1	23.3	22.8	0	0
143933	42996	229.5	0.951	2.9	-0.7	313.6	0	1	83.6	84.1	23.3	22.8	0	0
143934	42988	229.5	0.958	2.9	-0.7	313.6	0	1	83.6	84.1	23.3	22.8	0	0
143935	42992	229.5	0.999	2.9	-0.7	313.6	0	1	83.6	83.9	23.3	22.8	0	0
143936	42988	229.5	0.999	2.9	-0.7	313.6	0	1	83.6	83.9	23.3	22.8	0	0
143937	42988	229.5	0.967	2.9	0	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143938	43000	229.5	0.999	2.9	0.4	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143939	42996	229	0.999	3.1	0.4	313.6	0	1	83.6	83.9	23.3	22.8	0	0
143940	43004	229.5	0.979	3.1	0.4	313.6	0	1	83.6	83.9	23.3	22.8	0	0
143941	42992	229.5	0.983	2.9	0	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143942	42996	229	0.988	3.1	-0.3	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143943	43000	228.5	0.988	2.9	-1	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143944	42992	229	0.992	2.9	-1	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143945	42996	229.5	0.963	2.7	-0.3	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143946	43008	229	0.963	2.9	0	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143947	42996	228.5	0.988	2.9	0	313.6	0	1	83.6	84.1	23.3	22.8	0	0
143948	43008	229	0.983	2.7	0	313.9	0	1	83.6	84.1	23.3	22.8	0	0
143949	43000	229.5	0.958	2.7	0	313.9	0	1	83.4	84.1	23.3	22.8	0	0
143950	43004	229.5	0.958	2.9	0	313.9	0	1	83.4	84.1	23.3	22.8	0	0
143951	43008	229	1.013	3.1	-0.3	313.9	0	1	83.4	83.9	23.3	22.8	0	0
143952	43000	229.5	0.979	2.9	-0.7	313.9	0	1	83.4	83.9	23.3	22.8	0	0
143953	42992	229	0.963	2.9	-0.7	313.6	0	1	83.4	83.9	23.3	22.8	0	0
143954	42996	229.5	0.979	2.9	-0.7	313.6	0	1	83.4	83.9	23.1	22.8	0	0
143955	42992	229.5	0.983	2.9	-0.3	313.6	0	1	83.3	83.9	23.1	22.8	0	0
143956	43004	229	0.958	2.9	0	313.6	0	1	83.3	83.9	23.1	22.8	0	0
143957	42996	229	0.974	2.9	0.4	313.6	0	1	83.4	83.9	23.1	22.8	0	0
143958	43004	229.5	0.974	3.1	0.4	313.6	0	1	83.4	83.9	23.1	22.8	0	0
143959	42992	229	0.965	2.9	-0.3	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143960	42996	228.5	0.974	2.9	-0.7	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143961	42992	229	0.974	2.9	-0.7	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143962	43000	229	0.965	2.9	-0.7	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143963	43000	229	0.97	2.7	0	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143964	42992	229.5	0.97	2.9	0.4	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143965	43000	229.5	0.986	2.9	0.4	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143966	42996	229	0.979	2.9	0.4	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143967	43000	229	0.979	3.1	0	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143968	43004	229	1.008	3.1	-0.3	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143969	42996	229	0.983	3.1	-1	313.9	0	1	83.4	84.1	23.1	22.8	0	0
143970	42988	229	0.983	3.1	-1	313.9	0	1	83.4	84.1	23.1	22.8	0	0
143971	42996	229	0.967	3.1	-0.7	313.9	0	1	83.6	84.1	23.1	22.8	0	0
143972	43000	229	0.963	2.9	-0.3	313.9	0	1	83.6	84.1	23.1	22.8	0	0
143973	42996	229	0.983	2.9	0	313.9	0	1	83.6	83.9	23.1	22.8	0	0
143974	43004	228.5	0.96	2.9	0.4	313.9	0	1	83.6	83.9	23.1	22.8	0	0
143975	43004	228.5	0.96	3.1	0.4	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143976	43008	228.5	0.995	2.9	0	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143977	43012	228.5	0.965	2.9	-0.3	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143978	43004	228.5	0.986	2.9	-1	313.9	0	1	83.4	83.9	23.1	22.8	0	0

143979	43004	228.5	0.99	2.9	-1	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143980	42996	228.5	0.99	2.9	-0.3	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143981	43000	228	0.981	2.9	0	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143982	43008	228.5	0.986	2.9	0.4	313.9	0	1	83.4	83.9	23.1	22.8	0	0
143983	43004	228	0.99	2.9	0.4	313.9	0	1	83.6	84.1	23.1	22.8	0	0
143984	42992	228.5	0.976	2.9	0	313.9	0	1	83.6	84.1	23.1	22.8	0	0
143985	42996	228.5	0.981	2.9	-0.7	313.9	0	1	83.6	83.9	23.1	22.8	0	0
143986	43008	228.5	0.981	2.9	-0.7	313.9	0	1	83.6	83.9	23.1	22.8	0	0
143987	43008	228	0.981	2.9	-0.7	313.9	0	1	83.6	84.1	23.1	22.8	0	0
143988	43004	228	0.97	2.9	-0.3	313.9	0	1	83.6	84.1	23.1	22.8	0	0
143989	43008	228	0.976	2.9	0	313.9	0	1	83.6	83.9	23.1	22.8	0	0
143990	43000	228	0.965	2.9	0	313.9	0	1	83.6	83.9	23.3	22.8	0	0
143991	43004	228	0.976	2.9	0	313.9	0	1	83.6	84.1	23.3	22.8	0	0
143992	43000	228	0.967	2.9	0.4	314.3	0	1	83.6	84.1	23.3	22.8	0	0
143993	43004	228	0.983	2.9	0.4	314.3	0	1	83.6	83.9	23.3	22.8	0	0
143994	43004	228	0.979	2.9	-0.3	314.3	0	1	83.6	83.9	23.3	22.8	0	0
143995	43004	228	0.992	2.9	-0.7	314.3	0	1	83.8	84.1	23.3	22.8	0	0
143996	42992	228	0.979	2.9	-1	314.3	0	1	83.8	84.1	23.3	22.8	0	0
143997	42984	228	0.917	2.7	-0.7	313.9	0	1	83.6	83.9	23.3	22.8	0	0
143998	42980	227.5	0.917	2.5	-0.7	313.9	0	1	83.6	83.9	23.3	22.8	0	0
143999	42972	228	0.88	2.2	-0.3	313.9	0	1	83.8	84.1	23.3	22.9	0	0
144000	42964	228	0.896	2	-0.3	313.9	0	1	83.8	84.1	23.3	22.9	0	0
144001	42948	228	0.855	1.8	-0.3	313.9	0	1	83.8	84.1	23.3	22.9	0	0
144002	42940	228	0.862	1.5	0	313.9	0	1	83.8	84.1	23.3	22.9	0	0
144003	42904	228.5	0.871	1.1	0.4	313.9	0	1	83.1	83.9	23.3	22.9	0	0
144004	42880	228.5	0.896	1	0	313.9	0	1	83.1	83.9	22.9	22.9	0	0
144005	42868	228.5	0.867	0.8	-0.3	313.9	0	1	82.6	83.9	22.9	22.9	0	0
144006	42844	229	0.892	0.4	-0.3	313.9	0	1	82.6	83.9	22.4	22.9	0	0
144007	42816	229.5	0.901	0.3	-1	313.9	0	1	81.7	83	22.4	22.4	0	0
144008	42760	230	0.892	0.1	-1	313.9	0	1	81.7	83	21.8	22.4	0	0
144009	42732	230.5	0.894	0	-0.7	313.9	0	1	81.2	81.4	21.8	21.4	0	0
144010	42676	230.5	0.889	-0.2	0	313.9	0	1	81.2	81.4	21	21.4	0	0
144011	42644	231	0.915	-0.4	0.4	313.6	0	1	80.6	80.6	21	20.3	0	0
144012	42600	231.5	0.883	-0.6	0.7	313.9	0	1	80.6	80.6	20.3	20.3	0	0
144013	42560	231.5	0.919	-0.7	0.7	313.9	0	1	80.1	79.9	20.3	19.6	0	0
144014	42500	231.5	0.974	-0.7	0.7	313.9	0	1	80.1	79.9	19.7	19.6	0	0
144015	42464	232	0.981	-0.6	0.7	313.9	0	1	79.6	79.6	19.7	19.1	0	0
144016	42408	232	0.995	-0.6	0.4	313.9	0	1	79.6	79.6	19.1	19.1	0	0
144017	42368	232.5	0.99	-0.6	0	313.9	0	1	79.1	79.1	19.1	18.7	0	0
144018	42308	233	0.974	-0.6	-0.3	314.3	0	1	79.1	79.1	18.6	18.7	0	0
144019	42272	233.5	0.99	-0.6	-0.3	314.3	0	1	78.8	78.8	18.6	18.5	0	0
144020	42212	234.5	0.981	-0.6	0.4	314.3	0	1	78.8	78.8	18.4	18.5	0	0
144021	42168	235	0.965	-0.6	0.7	314.3	0	1	78.5	78.6	18.4	18.3	0	0
144022	42108	236	0.956	-0.6	1.1	314.3	0	1	78.5	78.6	18.3	18.3	0	0
144023	42068	236.5	0.935	-0.6	1.1	314.6	0	1	78.5	78.5	18.3	18.1	0	0
144024	42024	236.5	0.99	-0.4	1.8	314.6	0	1	78.5	78.5	18.3	18.1	0	0
144025	41984	236.5	0.981	-0.6	1.4	315	0	1	78.5	78.3	18.3	18	0	0
144026	41924	236.5	0.949	-0.6	0.7	315	0	1	78.5	78.3	18.1	18	0	0
144027	41892	236.5	0.949	-0.6	0.4	315	0	1	78.3	78	18.1	17.9	0	0
144028	41836	235.5	0.915	-0.6	1.8	315	0	1	78.3	78	18.1	17.9	0	0
144029	41788	237	1.002	-0.6	3.9	315.3	0	1	78	77.8	18.1	17.8	0	0
144030	41728	237	0.956	-0.6	6.3	315.7	0	1	78	77.8	18	17.8	0	0
144031	41708	239	0.956	-0.6	8.8	316.1	0	1	77.8	77.5	18	17.7	0	0
144032	41664	238.5	0.919	-0.6	9.8	316.8	0	1	77.8	77.5	18	17.7	0	0
144033	41608	238.5	0.96	-0.6	13.7	317.5	0	1	77.7	77.5	18	17.5	0	0
144034	41560	240	1.015	-0.6	15.8	318.2	0	1	77.7	77.5	17.9	17.5	0	0
144035	41496	241	0.986	-0.7	16.9	319.2	0	1	77.5	77.4	17.9	17.4	0	0
144036	41456	242.5	1.089	-0.4	19.3	319.9	0	1	77.5	77.4	17.9	17.4	0	0
144037	41404	242	1.022	-0.6	19.3	321	0	1	77.5	77.2	17.9	17.4	0	0
144038	41368	242.5	1.057	-0.4	19.7	322	0	1	77.5	77.2	17.9	17.4	0	0
144039	41320	242	1.047	-0.4	21.1	323.1	0	1	77.5	77	17.9	17.4	0	0
144040	41264	243	1.082	-0.2	20.7	324.1	0	1	77.5	77	17.9	17.4	0	0
144041	41224	243	1.011	-0.4	20.4	325.2	0	1	77.4	77	17.9	17.4	0	0
144042	41184	244	1.043	-0.2	19.3	325.9	0	1	77.4	77	17.8	17.4	0	0
144043	41132	244	0.997	-0.4	19.3	326.6	0	1	77.4	77	17.8	17.4	0	0
144044	41080	245	1.002	-0.4	20	327.7	0	1	77.4	77	17.9	17.4	0	0
144045	41032	246.5	0.981	-0.4	20	328.4	0	1	77.4	76.9	17.9	17.5	0	0
144046	40988	247.5	0.981	-0.6	20	329.4	0	1	77.4	76.9	17.9	17.5	0	0
144047	49124	249.5	1.022	-0.7	20.4	330.5	0	1	77.4	76.9	17.9	17.8	0	0
144048	40888	250	0.986	-0.7	19	331.2	0	1	77.4	76.9	18	17.8	0	0
144049	40844	250.5	1.022	-0.6	17.6	331.5	0	1	77.4	77	18	17.9	0	0

144050	40792	251	1.027	-0.6	15.1	332.2	0	1	77.4	77	18.1	17.9	0	0
144051	40756	251.5	1.036	-0.4	13	332.9	0	1	77.4	77	18.1	18	0	0
144052	40712	251.5	1.027	-0.4	10.5	333.3	0	1	77.4	77	18.3	18	0	0
144053	40664	252	1.022	-0.2	8.4	333.3	0	1	77.4	77	18.3	18.1	0	0
144054	40620	252	1.011	-0.2	5.6	333.6	0	1	77.4	77	18.3	18.1	0	0
144055	40580	252	0.965	-0.4	4.2	333.6	0	1	76.9	76.7	18.3	18.1	0	0
144056	40540	252.5	0.935	-0.4	3.5	334	0	1	76.9	76.7	18	18.1	0	0
144057	40492	252.5	0.924	-0.6	3.2	334	0	1	76.4	76.4	18	17.9	0	0
144058	40448	253	0.944	-0.7	3.5	334	0	1	76.4	76.4	17.4	17.9	0	0
144059	40400	253.5	0.949	-0.7	3.5	334	0	1	76.2	76.2	17.4	17.7	0	0
144060	40360	253.5	0.986	-0.7	3.5	334.3	0	1	76.2	76.2	16.9	17.7	0	0
144061	40324	254	1.004	-0.6	2.8	334.3	0	1	75.6	75.8	16.9	17.2	0	0
144062	40280	254	1.043	-0.4	2.1	334.3	0	1	75.6	75.8	16.5	17.2	0	0
144063	40240	254.5	1.075	0	1.4	334.3	0	1	74.8	75.1	16.5	16.7	0	0
144064	40204	254.5	1.1	0.1	0.7	334.3	0	1	74.8	75.1	15.8	16.7	0	0
144065	40176	254.5	1.084	0.4	1.1	334.3	0	1	74.5	74.8	15.8	16.5	0	0
144066	40144	254	1.116	0.8	1.4	334.3	0	1	74.5	74.8	18.9	16.5	1	0
144067	40116	254	1.05	1	1.4	334.7	0	1	74.3	74.8	18.9	16.3	1	0
144068	40084	254	1.013	1	1.4	334.7	0	1	74.3	74.8	18.9	16.3	1	0
144069	40060	253.5	0.967	1	1.4	334.7	0	1	74.2	74.8	18.9	17.2	1	0
144070	40032	254	0.933	0.8	1.1	334.7	0	1	74.2	74.8	18.9	17.2	1	0
144071	40004	254	0.908	0.4	1.4	334.7	0	1	74.2	74.8	18.9	18.3	0	0
144072	39988	254	0.903	0.3	1.4	334.7	0	1	74.2	74.8	18.7	18.3	0	0
144073	39964	253.5	0.915	0.3	0.7	334.7	0	1	74	74.6	18.7	18.5	0	0
144074	39928	254	0.94	0.3	0	334.7	0	1	74	74.6	18.9	18.5	0	0
144075	39888	254	0.974	0.3	-0.3	334.7	0	1	73.7	74.8	18.9	18.7	0	0
144076	39868	254.5	0.944	0.3	-0.3	334.7	0	1	73.7	74.8	19	18.7	0	0
144077	39828	254.5	1.006	0.3	0.7	334.7	0	1	73.7	74.6	19	18.7	0	0
144078	39792	254.5	1.013	0.3	1.4	334.7	0	1	73.7	74.6	18.9	18.7	0	0
144079	39764	254.5	0.983	0.4	2.1	334.7	0	1	73.5	74.8	18.9	18.9	0	0
144080	39736	254	0.992	0.4	1.8	334.7	0	1	73.5	74.8	18.9	18.9	0	0
144081	39712	253.5	0.972	0.4	1.4	335	0	1	73.7	74.8	18.9	18.9	0	0
144082	39676	253	0.937	0.4	1.4	335	0	1	73.7	74.8	18.9	18.9	0	0
144083	39632	252.5	0.901	0.3	1.1	335	0	1	73.7	74.6	18.9	18.9	0	0
144084	39612	252	0.885	0	0.4	335	0	1	73.7	74.6	18.9	18.9	0	0
144085	39568	252	0.855	-0.4	-0.7	335	0	1	73.7	74.6	18.9	18.9	0	0
144086	39528	251.5	0.83	-0.7	-1	335	0	1	73.7	74.6	18.9	18.9	0	0
144087	39480	251.5	0.823	-1.1	-1.4	335	0	1	73.7	74.8	18.9	19	0	0
144088	39432	251.5	0.853	-1.4	-0.7	335	0	1	73.7	74.8	18.9	19	0	0
144089	39384	252	0.782	-1.6	-0.7	334.7	0	1	73.5	74.6	18.9	19	0	0
144090	39312	252.5	0.761	-1.8	-0.7	334.7	0	1	73.5	74.6	18.9	19	0	0
144091	39260	252.5	0.796	-2.1	0.4	334.3	0	1	73.4	74.5	18.9	19	0	0
144092	39176	253	0.869	-2.3	0.7	334.3	0	1	73.4	74.5	18.9	19	0	0
144093	39108	253.5	0.94	-2.3	1.8	334.3	0	1	73.4	74.5	18.9	19	0	0
144094	39036	254	1.036	-2	3.2	334.7	0	1	73.4	74.5	18.9	19	0	0
144095	38960	254.5	1.073	-1.8	3.5	334.7	0	1	73.2	74.3	18.9	19	0	0
144096	38892	255	1.089	-1.6	2.8	335	0	1	73.2	74.3	18.9	19	0	0
144097	38820	255.5	1.061	-1.4	0.7	335	0	1	73.4	74.3	18.9	19	0	0
144098	38748	255.5	0.995	-1.4	0	335	0	1	73.4	74.3	19	19	0	0
144099	38676	255.5	0.976	-1.4	0.4	335	0	1	73.4	74.3	19	19	0	0
144100	38616	256	0.96	-1.6	0.4	334.7	0	1	73.4	74.3	19	19	0	0
144101	38544	256	0.976	-1.6	0.4	335	0	1	73.2	74.5	19	19	0	0
144102	38488	256	0.94	-1.6	1.1	335	0	1	73.2	74.5	19	19	0	0
144103	38412	256	0.981	-1.6	1.8	335	0	1	73.2	74.5	19	19	0	0
144104	38352	256	0.988	-1.6	1.1	335	0	1	73.2	74.5	19	19	0	0
144105	38284	257	0.953	-1.6	0.4	335	0	1	73.2	74.5	19	19	0	0
144106	38220	257.5	0.974	-1.6	-0.7	335	0	1	73.2	74.5	19	19	0	0
144107	38148	258.5	0.983	-1.6	-1	335	0	1	72.9	74.5	19	19	0	0
144108	38084	259.5	0.988	-1.6	-0.3	335	0	1	72.9	74.5	19	19	0	0
144109	38020	259.5	0.963	-1.4	0	335.4	0	1	73	74.3	19	19	0	0
144110	37944	260	0.983	-1.4	0.7	335	0	1	73	74.3	19	19	0	0
144111	37888	260.5	1.004	-1.4	0.4	335	0	1	73	74.5	19	18.9	0	0
144112	37832	261.5	0.933	-1.4	-1	335	0	1	73	74.5	19	18.9	0	0
144113	37760	263	0.908	-1.4	-1.7	335	0	1	73	74.5	19	18.9	0	0
144114	37692	263.5	0.869	-1.6	-1	334.7	0	1	73	74.5	19	18.9	0	0
144115	37624	264	0.903	-1.6	-0.7	334.7	0	1	72.7	74.5	19	18.9	0	0
144116	37536	264.5	0.981	-1.6	-1	334.7	0	1	72.7	74.5	19	18.9	0	0
144117	37472	262.5	0.995	-1.3	-0.3	335	0	1	72.7	74.3	19	18.9	0	0
144118	37408	265	1.036	-1.1	1.8	335.4	0	1	72.7	74.3	19	18.9	0	0
144119	37324	264	1.077	-0.9	1.4	335.7	0	1	72.9	74.3	19	18.9	0	0
144120	37260	265	1.107	-0.7	0.4	335.7	0	1	72.9	74.3	19	18.9	0	0

144121	37184	265	1.077	-0.7	-1.4	335.7	0	1	72.7	74.5	19	18.9	0	0
144122	37132	265	0.976	-0.9	-3.8	335.4	0	1	72.7	74.5	19	18.9	0	0
144123	37056	264.5	0.947	-0.9	-3.8	335.4	0	1	72.9	74.3	19	18.9	0	0
144124	37008	264.5	0.818	-1.1	-3.8	335	0	1	72.9	74.3	19	18.9	0	0
144125	36932	263.5	0.892	-1.3	-2.4	335.4	0	1	72.9	74.3	19	18.7	0	0
144126	36852	265	0.947	-1.3	-0.7	335	0	1	72.9	74.3	19	18.7	0	0
144127	36768	265.5	1.034	-1.1	-1.4	335	0	1	72.9	74.2	19	18.7	0	0
144128	36720	265	1.054	-0.9	-1	335	0	1	72.9	74.2	19.1	18.7	0	0
144129	36628	264.5	1.024	-0.7	-1.7	335	0	1	72.9	74.3	19.1	18.7	0	0
144130	36568	265	1.024	-0.6	-2.1	335.4	0	1	72.9	74.3	19.1	18.7	0	0
144131	36512	264	1.008	-0.6	-1.4	335.4	0	1	72.9	74.2	19.1	18.7	0	0
144132	36436	266	0.988	-0.6	-0.7	335.4	0	1	72.9	74.2	19.1	18.7	0	0
144133	36364	265.5	0.942	-0.7	-2.1	335.4	0	1	73	74.5	19.1	18.7	0	0
144134	36320	264.5	0.958	-0.7	-3.1	335	0	1	73	74.5	19.2	18.7	0	0
144135	36248	265	0.947	-0.7	-3.1	335.4	0	1	73.7	74.6	19.2	18.9	0	0
144136	36196	264.5	0.972	-0.7	-2.1	335.4	0	1	73.7	74.6	19.3	18.9	0	0
144137	36132	264.5	0.999	-0.7	-1.7	335.4	0	1	74	74.6	19.3	18.9	0	0
144138	36068	264.5	1.004	-0.6	-1.7	335.4	0	1	74	74.6	19.3	18.9	0	0
144139	36004	265	1.011	-0.6	-2.4	335.4	0	1	74.5	74.8	19.3	19	0	0
144140	35940	265	0.986	-0.6	-2.8	335.7	0	1	74.5	74.8	19.3	19	0	0
144141	35864	264.5	0.944	-0.6	-2.1	335.7	0	1	74.6	75.1	19.3	19.1	0	0
144142	35800	264.5	0.949	-0.7	-2.8	335.4	0	1	74.6	75.1	19.3	19.1	0	0
144143	35744	264.5	0.944	-0.7	-4.2	335	0	1	75	75.6	19.3	19.1	0	0
144144	35676	265	0.96	-0.7	-4.2	334.7	0	1	75	75.6	19.6	19.1	0	0
144145	35620	265.5	1.015	-0.7	-3.1	334.7	0	1	76.9	76.6	19.6	19.9	0	0
144146	35552	266.5	1.006	-0.6	-1.7	334.7	0	1	76.9	76.6	21.1	19.9	0	0
144147	35492	267	1.02	-0.6	-0.7	334.7	0	1	77.8	77.7	21.1	21.4	0	0
144148	35416	267.5	0.981	-0.6	0	334.7	0	1	77.8	77.7	22.6	21.4	0	0
144149	35356	268	0.974	-0.7	-0.3	335	0	1	78.2	78.5	22.6	22.6	0	0
144150	35284	268.5	0.935	-0.7	-1.4	334.7	0	1	78.2	78.5	22.9	22.6	0	0
144151	35228	269	0.935	-0.9	-2.4	334.7	0	1	78.2	79	22.9	23.5	0	0
144152	35160	269.5	0.935	-0.9	-2.4	334.7	0	1	78.2	79	23	23.5	0	0
144153	35108	269.5	0.96	-0.7	-1.7	334.7	0	1	78	79.3	23	23.9	0	0
144154	35040	270.5	1.002	-0.7	-1.4	334.7	0	1	78	79.3	23	23.9	0	0
144155	34968	270.5	1.011	-0.7	-0.7	334.7	0	1	77.8	79.4	23	24.2	0	0
144156	34904	271.5	0.992	-0.7	-0.3	334.7	0	1	77.8	79.4	22.8	24.2	0	0
144157	34852	271.5	0.983	-0.7	0	334.7	0	1	77.8	79.3	22.8	24.3	0	0
144158	34784	271.5	0.967	-0.7	0	334.7	0	1	77.8	79.3	22.8	24.3	0	0
144159	34724	272	0.937	-0.9	0	334.3	0	1	78.3	79.4	22.8	24.5	0	0
144160	34660	272.5	0.992	-0.9	-0.3	334.3	0	1	78.3	79.4	23.4	24.5	0	0
144161	34584	272.5	0.972	-0.9	0.4	334.3	0	1	79	79.4	23.4	24.5	0	0
144162	34528	273	0.979	-0.9	1.4	334.7	0	1	79	79.4	24.1	24.5	0	0
144163	34452	273.5	0.979	-0.9	1.1	334.7	0	1	78.8	79.1	24.1	24.3	0	0
144164	34400	274	0.979	-0.7	0	334.7	0	1	78.8	79.1	24.1	24.3	0	0
144165	34340	274	0.992	-0.7	0	334.7	0	1	78.3	79.1	24.1	24.2	0	0
144166	34276	274.5	0.992	-0.9	0.7	334.7	0	1	78.3	79.1	24	24.2	0	0
144167	34204	275	0.979	-0.9	0.7	334.7	0	1	78.3	79.1	24	24.2	0	0
144168	34144	275.5	0.979	-0.9	0.7	334.3	0	1	78.3	79.1	23.9	24.2	0	0
144169	34084	275.5	0.958	-0.9	0.4	334.3	0	1	79.1	79.4	23.9	24.3	0	0
144170	34012	276.5	0.967	-0.9	0.7	334.7	0	1	79.1	79.4	24.8	24.3	0	0
144171	33948	276.5	0.979	-0.9	1.1	334.7	0	1	79.6	79.6	24.8	24.7	0	0
144172	33900	277	0.999	-0.9	1.4	334.7	0	1	79.6	79.6	25.4	24.7	0	0
144173	33828	277	0.992	-0.9	1.1	334.7	0	1	79.4	79.6	25.4	24.9	0	0
144174	33768	277.5	0.96	-0.9	0	334.7	0	1	79.4	79.6	25.4	24.9	0	0
144175	33692	277.5	0.94	-1.1	0	334.7	0	1	79.1	79.8	25.4	25.2	0	0
144176	33624	278	0.94	-1.1	0.7	334.7	0	1	79.1	79.8	25.1	25.2	0	0
144177	33572	278	0.965	-1.1	0.7	334.7	0	1	78.8	79.8	25.1	25.3	0	0
144178	33512	278	0.986	-1.1	1.1	335	0	1	78.8	79.8	24.9	25.3	0	0
144179	33448	279	1.011	-0.9	1.1	335	0	1	79.1	79.9	24.9	25.5	0	0
144180	33376	279	0.99	-0.9	0	335	0	1	79.1	79.9	25.2	25.5	0	0
144181	33308	279	0.974	-0.9	-0.7	335	0	1	80.1	80.1	25.2	25.8	0	0
144182	33248	280	1.022	-0.9	0	335	0	1	80.1	80.1	26.5	25.8	0	0
144183	33188	280	0.97	-0.9	0.4	335	0	1	80.1	80.1	26.5	25.9	0	0
144184	33116	280	0.949	-0.9	-0.7	335	0	1	80.1	80.1	26.6	25.9	0	0
144185	33064	280	0.97	-1.1	-1.4	335	0	1	79.8	80.2	26.6	26	0	0
144186	32988	279.5	0.965	-1.1	-1.7	335	0	1	79.8	80.2	26.4	26	0	0
144187	32924	280.5	0.96	-1.1	-0.7	335	0	1	79.6	80.4	26.4	26.4	0	0
144188	32872	280	0.986	-1.1	-0.3	335	0	1	79.6	80.4	26.1	26.4	0	0
144189	32812	280	1.031	-1.1	-0.3	335	0	1	79.6	80.6	26.1	26.5	0	0
144190	40932	279.5	0.965	-1.1	-0.3	335	0	1	79.6	80.6	26.1	26.5	0	0
144191	40868	279	0.97	-1.1	-0.3	335	0	1	81	80.6	26.1	26.7	0	0

144192	32612	279	0.956	-1.1	0.4	335	0	1	81	80.6	27.9	26.7	0	0
144193	32544	279	1.002	-0.9	-0.3	335	0	1	81	80.7	27.9	27.1	0	0
144194	32476	279	0.986	-1.1	-1.4	335	0	1	81	80.7	28.3	27.1	0	0
144195	32416	279.5	0.965	-1.1	-1	334.7	0	1	81	81	28.3	27.4	0	0
144196	32356	279.5	0.949	-1.1	0	334.7	0	1	81	81	28.5	27.4	0	0
144197	32292	280	0.986	-1.1	0.4	334.7	0	1	80.9	81.2	28.5	27.9	0	0
144198	32228	280.5	0.995	-1.1	0.4	334.7	0	1	80.9	81.2	28.6	27.9	0	0
144199	32156	280.5	0.981	-1.1	0	334.7	0	1	81.5	81.5	28.6	28.5	0	0
144200	32096	281	0.986	-1.1	-0.3	334.7	0	1	81.5	81.5	29.2	28.5	0	0
144201	32028	281	0.949	-1.1	0	334.7	0	1	81.7	81.7	29.2	29.1	0	0
144202	31972	281.5	0.919	-1.3	1.1	334.7	0	1	81.7	81.7	29.7	29.1	0	0
144203	31896	281.5	0.96	-1.3	1.1	334.7	0	1	82	82.2	29.7	29.8	0	0
144204	31844	282	0.981	-1.3	0.4	334.7	0	1	82	82.2	30.5	29.8	0	0
144205	31768	283	1.027	-1.1	0.4	334.7	0	1	82.5	82.6	30.5	30.3	0	0
144206	31708	283.5	0.995	-1.1	0.7	334.7	0	1	82.5	82.6	31.3	30.3	0	0
144207	31652	284	0.986	-1.1	1.1	334.7	0	1	82.8	83	31.3	30.9	0	0
144208	31584	284.5	0.983	-1.1	1.1	335	0	1	82.8	83	32	30.9	0	0
144209	31500	285	0.979	-1.1	0.4	335	0	1	83	83.4	32	31.6	0	0
144210	31448	285.5	0.963	-1.3	-0.3	335	0	1	83	83.4	32.7	31.6	0	0
144211	31380	286	0.951	-1.3	-0.3	335	0	1	83.4	83.6	32.7	32.3	0	0
144212	31320	287	0.963	-1.3	-0.7	335	0	1	83.4	83.6	33.3	32.3	0	0
144213	31260	288	0.983	-1.3	-1	335	0	1	83.4	83.9	33.3	33.2	0	0
144214	31192	289	1.013	-1.3	-0.3	335.4	0	1	83.4	83.9	33.8	33.2	0	0
144215	31128	289.5	1.018	-1.1	-0.3	335.4	0	1	83.6	83.9	33.8	33.6	0	0
144216	31052	290	0.972	-1.3	-1.4	335.4	0	1	83.6	83.9	34.1	33.6	0	0
144217	31000	290.5	0.944	-1.3	-2.1	335	0	1	83.6	84.1	34.1	34.1	0	0
144218	30936	291	0.965	-1.3	-1.4	335	0	1	83.6	84.1	34.2	34.1	0	0
144219	30856	291.5	0.97	-1.3	-0.7	335	0	1	83.8	83.9	34.2	34.4	0	0
144220	30792	292.5	1.006	-1.3	-0.7	335	0	1	83.8	83.9	34.4	34.4	0	0
144221	30736	293	1.027	-1.3	-1	335	0	1	83.8	83.9	34.4	34.6	0	0
144222	30672	293.5	0.899	-1.4	-0.7	335	0	1	83.8	83.9	34.5	34.6	0	0
144223	30592	293.5	0.956	-1.4	0	335	0	1	83.6	84.1	34.5	34.7	0	0
144224	30544	294	0.96	-1.4	0	335	0	1	83.6	84.1	34.6	34.7	0	0
144225	30480	295	0.99	-1.3	-0.3	335	0	1	83.8	84.1	34.6	34.8	0	0
144226	30412	295.5	0.99	-1.3	0	335	0	1	83.8	84.1	35	34.8	0	0
144227	30344	296	1.002	-1.3	-0.7	335	0	1	83.6	83.8	35	34.8	0	0
144228	30280	297	0.995	-1.3	-0.7	334.7	0	1	83.6	83.8	33.6	34.8	0	0
144229	30204	297.5	0.995	-1.3	-0.3	334.7	0	1	82	83.1	33.6	33.9	0	0
144230	30152	298	0.935	-1.4	0.4	334.7	0	1	82	83.1	31.1	33.9	0	0
144231	30092	298.5	0.94	-1.4	0.4	334.7	0	1	81.4	81.8	31.1	32.5	0	0
144232	30016	298.5	0.986	-1.4	0	334.7	0	1	81.4	81.8	29.7	32.5	0	0
144233	29948	299	0.99	-1.3	-0.3	334.7	0	1	80.9	81	29.7	30.1	0	0
144234	29876	300	1.018	-1.3	0	335	0	1	80.9	81	29.2	30.1	0	0
144235	29820	300.5	0.979	-1.3	0	335	0	1	80.7	80.2	29.2	28.8	0	0
144236	29756	300.5	0.979	-1.3	0	335	0	1	80.7	80.2	29	28.8	0	0
144237	29692	301	0.983	-1.3	-0.3	335	0	1	80.6	79.9	29	27.9	0	0
144238	29624	300.5	1.004	-1.4	-1	335	0	1	80.6	79.9	28.6	27.9	0	0
144239	29568	301	0.951	-1.4	-1	335	0	1	80.4	79.8	28.6	27.4	0	0
144240	29500	301.5	0.988	-1.3	-1	335	0	1	80.4	79.8	28.4	27.4	0	0
144241	29428	302	0.999	-1.3	-1	335	0	1	80.2	79.6	28.4	27.3	0	0
144242	29364	303	0.983	-1.3	-0.3	335	0	1	80.2	79.6	28	27.3	0	0
144243	29296	301.5	0.958	-1.3	0	335	0	1	80.1	79.6	28	27.3	0	0
144244	29228	302.5	0.992	-1.3	-1.4	335	0	1	80.1	79.6	27.8	27.3	0	0
144245	29176	302	0.947	-1.4	-0.7	335	0	1	79.8	79.6	27.8	27.3	0	0
144246	29088	302.5	0.988	-1.3	-0.3	335	0	1	79.8	79.6	27.4	27.3	0	0
144247	29040	303	0.988	-1.3	-1	335	0	1	79.6	79.6	27.4	27.3	0	0
144248	28976	303	0.972	-1.3	-1	335	0	1	79.6	79.6	27.2	27.3	0	0
144249	28908	303.5	0.972	-1.3	-1	335	0	1	79.4	79.4	27.2	27.4	0	0
144250	28852	303.5	0.958	-1.4	-0.3	335	0	1	79.4	79.4	27	27.4	0	0
144251	28780	304	0.979	-1.4	-0.3	335	0	1	79.3	79.3	27	27.4	0	0
144252	28716	304	0.986	-1.3	-0.7	335	0	1	79.3	79.3	26.8	27.4	0	0
144253	28648	304	0.956	-1.4	-1	335	0	1	79.1	79.3	26.8	27.2	0	0
144254	28596	303.5	0.915	-1.4	-0.3	335	0	1	79.1	79.3	26.6	27.2	0	0
144255	28524	303.5	0.981	-1.4	-1	334.7	0	1	79	79	26.6	27	0	0
144256	28472	304.5	0.976	-1.4	-1.7	335	0	1	79	79	26.4	27	0	0
144257	28392	304	0.995	-1.4	-0.3	335	0	1	79	78.8	26.4	26.6	0	0
144258	28324	304.5	0.97	-1.4	-0.3	335	0	1	79	78.8	26.3	26.6	0	0
144259	28272	304.5	0.956	-1.4	-1.4	335	0	1	78.8	78.5	26.3	26.3	0	0
144260	28204	304	0.965	-1.4	-1.4	335	0	1	78.8	78.5	26.1	26.3	0	0
144261	28136	304	0.96	-1.6	-0.7	335	0	1	78.8	78.6	26.1	26.1	0	0
144262	28072	304	1.002	-1.4	-0.7	335	0	1	78.8	78.6	26	26.1	0	0

144263	28012	304	1.006	-1.4	-0.7	335	0	1	78.6	78.5	26	26.1	0	0
144264	27948	304	0.981	-1.4	-0.3	334.7	0	1	78.6	78.5	25.8	26.1	0	0
144265	27884	303.5	0.944	-1.4	0	334.7	0	1	78.6	78.5	25.8	26	0	0
144266	27816	303.5	0.974	-1.4	0	334.7	0	1	78.6	78.5	25.8	26	0	0
144267	27748	303	0.96	-1.4	0	334.7	0	1	78.5	78.3	25.8	26	0	0
144268	27672	303.5	0.981	-1.4	0.4	334.3	0	1	78.5	78.3	25.7	26	0	0
144269	27624	304	0.986	-1.4	0.7	334.3	0	1	78.5	78.3	25.7	26	0	0
144270	27560	303.5	0.97	-1.4	1.4	334.3	0	1	78.5	78.3	25.7	26	0	0
144271	27492	303	0.974	-1.4	2.1	334.3	0	1	78.3	78.3	25.7	26	0	0
144272	27420	303	0.974	-1.4	2.1	334.3	0	1	78.3	78.3	25.7	26	0	0
144273	27360	302.5	0.981	-1.4	1.8	334.7	0	1	78.3	78.3	25.7	26	0	0
144274	27296	302	0.956	-1.6	1.4	334.7	0	1	78.3	78.3	25.7	26	0	0
144275	27228	302	0.995	-1.6	1.1	334.7	0	1	78.5	78.3	25.7	26	0	0
144276	27168	301	0.99	-1.6	1.4	334.7	0	1	78.5	78.3	25.7	26	0	0
144277	27100	300.5	0.981	-1.4	1.1	334.7	0	1	78.5	78.3	25.7	26	0	0
144278	27036	300	0.976	-1.4	1.4	334.7	0	1	78.5	78.3	25.7	26	0	0
144279	26968	299.5	0.965	-1.4	1.8	334.7	0	1	78.5	78.5	25.7	26	0	0
144280	26900	299	0.96	-1.6	1.8	334.7	0	1	78.5	78.5	25.7	26	0	0
144281	26844	298.5	0.97	-1.6	1.8	334.7	0	1	78.5	78.5	25.7	26.1	0	0
144282	26780	298.5	0.97	-1.6	1.8	334.7	0	1	78.5	78.5	25.8	26.1	0	0
144283	26716	298.5	0.995	-1.6	1.8	334.7	0	1	78.8	78.6	25.8	26.4	0	0
144284	26644	297.5	0.96	-1.6	1.4	334.7	0	1	78.8	78.6	26	26.4	0	0
144285	26576	298	0.965	-1.6	1.8	334.7	0	1	79.1	78.6	26	26.4	0	0
144286	26524	298	0.956	-1.6	1.8	334.7	0	1	79.1	78.6	26.6	26.4	0	0
144287	26460	297.5	0.949	-1.6	2.1	334.7	0	1	79.4	78.6	26.6	26.5	0	0
144288	26392	297	0.965	-1.6	2.1	334.7	0	1	79.4	78.6	27.1	26.5	0	0
144289	26328	297	0.956	-1.6	2.1	335	0	1	79.6	78.8	27.1	26.6	0	0
144290	26260	297	0.976	-1.6	1.8	335	0	1	79.6	78.8	27.7	26.6	0	0
144291	26200	297	0.96	-1.6	1.4	335	0	1	79.9	79.1	27.7	27.2	0	0
144292	26132	297	0.981	-1.6	1.1	335.4	0	1	79.9	79.1	28.2	27.2	0	0
144293	26068	297	0.981	-1.6	0.4	335.4	0	1	79.9	79.3	28.2	27.4	0	0
144294	26008	297	0.976	-1.6	-0.3	335.4	0	1	79.9	79.3	28.5	27.4	0	0
144295	25940	297	0.986	-1.6	-0.3	335.4	0	1	80.1	80.2	28.5	28.8	0	0
144296	25880	297	0.94	-1.8	-0.3	335	0	1	80.1	80.2	28.9	28.8	0	0
144297	25804	297	0.949	-1.8	-0.3	335	0	1	80.1	80.7	28.9	30.3	0	0
144298	25740	297.5	0.97	-1.8	-0.3	335	0	1	80.1	80.7	29.1	30.3	0	0
144299	25672	297.5	0.981	-1.6	0	335	0	1	80.4	80.9	29.1	30.9	0	0
144300	25612	298	0.935	-1.8	0	335	0	1	80.4	80.9	29.4	30.9	0	0
144301	25552	298	0.965	-1.8	0	335	0	1	80.2	81	29.4	31.1	0	0
144302	25480	298	0.956	-1.8	0	335	0	1	80.2	81	29.5	31.1	0	0
144303	25420	299	0.995	-1.8	0	335	0	1	80.4	81	29.5	31.3	0	0
144304	25352	299	0.995	-1.8	0	335	0	1	80.4	81	29.6	31.3	0	0
144305	25280	299	0.97	-1.8	-0.3	335	0	1	80.6	80.7	29.6	31.1	0	0
144306	25216	300.5	1.002	-1.8	0	335.4	0	1	80.6	80.7	29.7	31.1	0	0
144307	25156	300.5	0.995	-1.8	-0.3	335.4	0	1	80.6	80.7	29.7	30.9	0	0
144308	25088	301.5	1.011	-1.8	-0.7	335.4	0	1	80.6	80.7	30.4	30.9	0	0
144309	25028	302.5	0.974	-1.8	-1	335.4	0	1	81.2	80.7	30.4	30.8	0	0
144310	24960	303	0.96	-1.8	-1	335.4	0	1	81.2	80.7	31.6	30.8	0	0
144311	24884	303	0.944	-1.8	-1	335.4	0	1	80.9	80.4	31.6	30.7	0	0
144312	24836	303.5	0.965	-1.8	-1	335.4	0	1	80.9	80.4	31.6	30.7	0	0
144313	24760	304.5	0.99	-1.8	-1.4	335	0	1	80.9	80.4	31.6	30.4	0	0
144314	24696	304.5	1.002	-1.8	-1	335.4	0	1	80.9	80.4	30.9	30.4	0	0
144315	24636	304.5	0.995	-1.8	-1	335.4	0	1	80.7	80.2	30.9	30.2	0	0
144316	24556	305	0.99	-1.8	-1	335	0	1	80.7	80.2	30.5	30.2	0	0
144317	24508	305	0.956	-1.8	-1.4	335	0	1	80.2	80.1	30.5	29.9	0	0
144318	24428	305	0.99	-1.8	-1.4	335	0	1	80.2	80.1	30.1	29.9	0	0
144319	24372	305.5	0.995	-1.8	-1	335	0	1	80.1	80.1	30.1	29.8	0	0
144320	24316	305.5	1.015	-1.8	-1	335	0	1	80.1	80.1	29.1	29.8	0	0
144321	24232	305.5	0.97	-1.8	-1	335	0	1	79.8	79.9	29.1	29.6	0	0
144322	24188	306	1.002	-1.8	-0.7	335	0	1	79.8	79.9	28.5	29.6	0	0
144323	24108	306	0.976	-1.8	-0.3	335	0	1	79.6	79.9	28.5	29.5	0	0
144324	24028	306	0.97	-1.8	0.4	335	0	1	79.6	79.9	28.2	29.5	0	0
144325	23972	306	1.011	-1.8	0	335	0	1	79.3	79.8	28.2	29.5	0	0
144326	23920	306.5	0.995	-1.8	-1	335	0	1	79.3	79.8	27.8	29.5	0	0
144327	23840	306.5	0.97	-1.8	-0.3	335	0	1	79.3	79.4	27.8	29.4	0	0
144328	23776	306.5	0.949	-1.8	0	335	0	1	79.3	79.4	27.6	29.4	0	0
144329	23728	306.5	0.96	-1.8	-0.7	335	0	1	79	79.1	27.6	28.8	0	0
144330	23640	306	0.949	-1.8	-1	335	0	1	79	79.1	27.2	28.8	0	0
144331	23572	306	0.96	-2	0	335	0	1	78.8	79	27.2	27.8	0	0
144332	23524	306	0.99	-2	0	335	0	1	78.8	79	26.8	27.8	0	0
144333	23460	306	0.99	-1.8	-0.3	335	0	1	78.8	78.6	26.8	27.4	0	0

144334	23392	306.5	0.981	-1.8	-0.7	335	0	1	78.8	78.6	26.5	27.4	0	0
144335	23328	307	1.006	-1.8	0	335	0	1	78.6	78.5	26.5	26.8	0	0
144336	23248	306.5	1.006	-1.8	0	334.7	0	1	78.6	78.5	26.3	26.8	0	0
144337	23180	306.5	0.986	-1.8	-0.3	334.7	0	1	78.6	78.2	26.3	26.3	0	0
144338	23116	306	0.965	-2	0	334.7	0	1	78.6	78.2	25.9	26.3	0	0
144339	23060	306	0.935	-2	0.4	334.7	0	1	78.5	78.2	25.9	25.4	0	0
144340	23008	305.5	0.99	-2	0.4	334.7	0	1	78.5	78.2	25.4	25.4	0	0
144341	22932	305.5	0.99	-2	0.4	335	0	1	0	77.8	25.4	25.1	0	0
144342	22868	306	1.011	-2	0.4	335	0	1	0	77.8	24.9	25.1	0	0
144343	22796	305.5	0.986	-1.8	0	335	0	1	78.3	77.8	24.9	24.9	0	0
144344	22724	305.5	0.995	-1.8	0	335	0	1	78.3	77.8	24.8	24.9	0	0
144345	22660	305.5	0.965	-2	-1	335	0	1	78.2	77.8	24.8	24.8	0	0
144346	22616	305.5	0.97	-2	-1.4	335	0	1	78.2	77.8	24.7	24.8	0	0
144347	22544	305.5	0.976	-2	-0.7	335	0	1	78.3	77.8	24.7	24.8	0	0
144348	22480	305	0.958	-2	-0.7	335	0	1	78.3	77.8	24.7	24.8	0	0
144349	22408	305	0.958	-2	-1.4	335	0	1	78.2	77.8	24.7	24.8	0	0
144350	22340	305	0.988	-2	-1.7	335	0	1	78.2	77.8	24.7	24.8	0	0
144351	22268	305	0.992	-2	-1.4	335	0	1	78.3	78	24.7	25.1	0	0
144352	22212	305	0.963	-2	-0.7	335	0	1	78.3	78	24.7	25.1	0	0
144353	22148	305	0.988	-2	-0.7	335	0	1	78.3	78	24.7	25.1	0	0
144354	22092	304.5	0.967	-2	-0.7	335	0	1	78.3	78	24.8	25.1	0	0
144355	22008	304.5	0.997	-2	-0.7	335	0	1	78.5	78	24.8	25.1	0	0
144356	21944	304.5	0.99	-2	-0.7	334.7	0	1	78.5	78	24.9	25.1	0	0
144357	21888	304.5	1.006	-2	-0.7	334.7	0	1	78.3	78.2	24.9	25.2	0	0
144358	21820	304.5	0.99	-2	-0.3	334.7	0	1	78.3	78.2	24.9	25.2	0	0
144359	21760	303.5	0.981	-2	0	334.7	0	1	78.5	78.2	24.9	25.3	0	0
144360	21700	303.5	0.956	-2	0.4	334.7	0	1	78.5	78.2	25.1	25.3	0	0
144361	21624	303	0.99	-2.1	0.7	334.7	0	1	78.5	78.2	25.1	25.4	0	0
144362	21564	302.5	0.986	-2.1	1.1	334.7	0	1	78.5	78.2	25.1	25.4	0	0
144363	21496	303	1.006	-2	1.1	334.7	0	1	78.5	78.2	25.1	25.4	0	0
144364	21436	303	0.97	-2	1.1	334.7	0	1	78.5	78.2	25.3	25.4	0	0
144365	21364	303	0.965	-2	0.7	334.7	0	1	78.8	78.3	25.3	25.5	0	0
144366	21308	303	0.965	-2.1	0.7	334.7	0	1	78.8	78.3	25.8	25.5	0	0
144367	21228	303	0.96	-2.1	0.7	334.7	0	1	78.6	78.3	25.8	25.7	0	0
144368	21172	302.5	0.97	-2.1	0.4	335	0	1	78.6	78.3	26	25.7	0	0
144369	21112	302	1.015	-2	0.7	335	0	1	78.8	78.2	26	25.7	0	0
144370	21044	301	1.031	-1.8	0.4	335	0	1	78.8	78.2	26.3	25.7	0	0
144371	20988	301	1.114	-1.6	0.4	335	0	1	78.8	78.3	26.3	25.7	0	0
144372	20936	300.5	1.077	-1.4	0.4	335	0	1	78.8	78.3	26.5	25.7	0	0
144373	20864	300	1.107	-1.3	0.7	335	0	1	79.3	78.5	26.5	25.9	0	0
144374	20820	299.5	1.098	-1.3	0.4	335	0	1	79.3	78.5	27.8	25.9	0	0
144375	20780	299	1.061	-1.1	0	335	0	1	79.6	79.3	27.8	26.3	0	0
144376	20732	299	0.889	-1.6	-0.3	334.7	0	1	79.6	79.3	28.9	26.3	0	0
144377	20688	299	0.96	-1.6	0	334.7	0	1	80.7	81.5	28.9	31.7	0	0
144378	20640	300	0.981	-1.4	0	334.7	0	1	80.7	81.5	31.4	31.7	0	0
144379	20608	300.5	1.047	-1.3	0.7	334.7	0	1	81.7	82.3	31.4	35.6	0	0
144380	20552	301	1.073	-1.1	1.4	334.7	0	1	81.7	82.3	34.5	35.6	0	0
144381	20508	302	1.057	-0.9	1.8	334.7	0	1	82.5	82.8	34.5	37	0	0
144382	20464	303	1.07	-0.9	1.8	334.7	0	1	82.5	82.8	36.4	37	0	0
144383	20436	304	1.034	-0.7	1.8	334.7	0	1	83.1	83.3	36.4	38.2	0	0
144384	20400	305	0.979	-0.7	1.4	334.7	0	1	83.1	83.3	38.3	38.2	0	0
144385	20372	305.5	1.008	-0.9	1.8	334.7	0	1	83.8	83.8	38.3	39.4	0	0
144386	20344	306	0.979	-0.9	1.8	334.7	0	1	83.8	83.8	39.4	39.4	0	0
144387	20304	306.5	1.054	-0.7	1.4	334.7	0	1	83.8	84.1	39.4	40	0	0
144388	20284	307	1.075	-0.7	1.4	334.7	0	1	83.8	84.1	39.4	40	0	1
144389	20252	307	1.146	-0.6	1.8	335	0	1	83.1	83.6	39.4	40	0	1
144390	20240	307	1.002	-0.6	1.4	335	0	1	83.1	83.6	37.2	40	0	1
144391	20216	308	0.908	-0.7	0.4	335	0	1	83.6	83.6	37.2	39.3	0	1
144392	20196	309	0.915	-0.9	0.7	335	0	1	83.6	83.6	37.6	39.3	0	1
144393	20164	309.5	1.006	-0.9	1.1	335	0	1	83.8	83.6	37.6	39.4	0	1
144394	20140	310	1.073	-0.6	0.4	334.7	0	1	83.8	83.6	38.4	39.4	0	1
144395	20120	309	1.086	-0.2	0.4	334.7	0	1	83	83.3	38.4	39.3	0	1
144396	20096	309.5	1.068	0	0.7	334.7	0	1	83	83.3	36.5	39.3	0	1
144397	20076	309.5	1.04	0.1	1.4	334.7	0	1	83	82.8	36.5	37.8	0	1
144398	20068	309.5	1.086	0.4	1.4	335	0	1	83	82.8	36	37.8	0	0
144399	20044	309	0.976	0.4	1.1	335	0	1	82.8	83	36	37.2	0	0
144400	20032	308.5	1.027	0.6	0.7	335	0	1	82.8	83	35.8	37.2	0	0
144401	20028	308.5	1.022	0.8	0.7	335	0	1	83.9	83.4	35.8	38.2	0	0
144402	20024	309	1.073	1	0.7	334.7	0	1	83.9	83.4	37.7	38.2	0	0
144403	20024	309.5	1.052	1.1	0.7	334.7	0	1	84.4	84.2	37.7	39.7	0	0
144404	20016	309.5	1.027	1.1	1.1	334.7	0	1	84.4	84.2	39.1	39.7	0	0

144405	20008	309.5	0.981	1.1	1.1	334.7	0	1	84.7	84.6	39.1	41.3	0	0
144406	20004	309.5	0.99	1.1	2.1	334.7	0	1	84.7	84.6	40.2	41.3	0	0
144407	20000	309.5	1.015	1.3	2.1	334.7	0	1	84.9	85	40.2	42.6	0	0
144408	20000	310	0.983	1.3	2.1	335	0	1	84.9	85	41	42.6	0	0
144409	19996	310	0.999	1.3	1.8	335	0	1	85.5	85.8	41	43.9	0	0
144410	20004	310	0.992	1.3	1.4	335	0	1	85.5	85.8	42.5	43.9	0	0
144411	20000	310.5	0.967	1.3	1.1	335	0	1	86.5	86.6	42.5	45.7	0	0
144412	19996	310.5	0.958	1.3	0.7	335	0	1	86.5	86.6	43	45.7	0	0
144413	19996	310.5	0.947	1.1	0.4	335	0	1	87.1	87.3	43	46.1	0	0
144414	19996	311	0.988	1.3	0	335.4	0	1	87.1	87.3	42.7	46.1	0	0
144415	19984	312	1.004	1.3	0	335.4	0	1	87.6	87.9	42.7	44.1	0	0
144416	19988	312	0.999	1.3	-0.3	335.4	0	1	87.6	87.9	42.6	44.1	0	0
144417	19996	313.5	0.963	1.1	-0.3	335.4	0	1	87.9	88.5	42.6	43.8	0	0
144418	19996	314.5	0.999	1.3	-0.7	335.4	0	1	87.9	88.5	42.6	43.8	0	0
144419	19992	315.5	0.967	1.3	-2.4	335.4	0	1	88.4	88.7	42.6	43.8	0	0
144420	19992	316.5	0.947	1.3	-4.9	335	0	1	88.4	88.7	42.6	43.8	0	0
144421	19992	317.5	0.972	1.1	-7.7	335	0	1	88.4	88.7	42.6	43.8	0	0
144422	19992	318	1.013	1.3	-10.5	334.3	0	1	88.4	88.7	42.5	43.8	0	0
144423	19988	318.5	1.013	1.3	-12.6	334	0	1	88.5	88.9	42.5	43.8	0	0
144424	19988	320	1.013	1.3	-14.4	333.3	0	1	88.5	88.9	42.5	43.8	0	0
144425	19988	320.5	1.004	1.3	-15.1	332.6	0	1	88.2	88.5	42.5	43.8	0	0
144426	19992	321	1.008	1.3	-14.4	331.9	0	1	88.2	88.5	42.4	43.8	0	0
144427	19996	321.5	1.02	1.3	-13	331.2	0	1	87.9	88.4	42.4	43.6	0	0
144428	19992	322	0.992	1.3	-10.9	330.8	0	1	87.9	88.4	42.4	43.6	0	0
144429	20000	322	0.963	1.3	-8.7	330.5	0	1	88.7	88.4	42.4	43.6	0	0
144430	19996	323.5	0.967	1.3	-5.6	330.1	0	1	88.7	88.4	42.6	43.6	0	0
144431	19996	324	0.908	1.1	-3.5	330.1	0	1	88.9	88.5	42.6	43.8	0	0
144432	19996	324.5	0.999	1.1	-2.1	329.8	0	1	88.9	88.5	42.2	43.8	0	0
144433	19996	325	0.979	1.1	-1.4	329.8	0	1	88.2	88.7	42.2	43.8	0	0
144434	19996	325.5	0.99	1.1	-1.4	329.8	0	1	88.2	88.7	42.2	43.8	0	0
144435	19988	326.5	0.97	1.1	-1.7	329.4	0	1	88.2	88.5	42.2	43.8	0	0
144436	19992	327	0.976	1.1	-2.4	329.4	0	1	88.2	88.5	42.2	43.8	0	0
144437	19992	327	0.956	1.1	-2.8	329.4	0	1	88.2	88.2	42.2	43.7	0	0
144438	19992	328	0.956	1.1	-3.5	329.1	0	1	88.2	88.2	42.2	43.7	0	0
144439	19992	328.5	1.015	1.1	-3.8	329.1	0	1	88.2	88.4	42.2	43.4	0	0
144440	19992	329	1.015	1.1	-4.5	328.7	0	1	88.2	88.4	42.2	43.4	0	0
144441	19992	329	0.986	1.1	-4.9	328.7	0	1	88.1	88.2	42.2	43.4	0	0
144442	19988	329.5	0.967	1.1	-5.6	328.4	0	1	88.1	88.2	42.2	43.4	0	0
144443	19984	330	0.958	1.1	-5.9	328	0	1	88.2	88.1	42.2	43.4	0	0
144444	19992	331	0.988	1.1	-6.6	327.7	0	1	88.2	88.1	42.2	43.4	0	0
144445	19992	331	1.004	1.1	-6.6	327.3	0	1	88.2	88.1	42.2	43.3	0	0
144446	19992	331	0.979	1.1	-7	327	0	1	88.2	88.1	42.2	43.3	0	0
144447	19996	331.5	0.974	1.1	-7.3	327	0	1	88.1	88.1	42.2	43.3	0	0
144448	19988	331.5	0.983	1.1	-7.7	326.2	0	1	88.1	88.1	42.2	43.3	0	0
144449	19992	332	0.979	1.1	-8	326.2	0	1	87.9	87.9	42.2	43.3	0	0
144450	19996	332	1.013	1.1	-8	325.5	0	1	87.9	87.9	42.2	43.3	0	0
144451	19996	332.5	0.976	1.1	-8	325.5	0	1	87.7	87.9	42.2	43.3	0	0
144452	19992	333	1.002	1.1	-8	325.2	0	1	87.7	87.9	42.2	43.3	0	0
144453	19988	333.5	0.981	1.1	-7.7	324.8	0	1	87.6	87.7	42.2	43.3	0	0
144454	19992	334	0.995	1.1	-7.7	324.5	0	1	87.6	87.7	42.2	43.3	0	0
144455	19996	334	0.995	1.1	-8	324.1	0	1	87.6	87.9	42.2	43.3	0	0
144456	19992	334.5	0.995	1.1	-8	323.8	0	1	87.6	87.9	42.2	43.3	0	0
144457	19992	334.5	1.006	1.1	-8	323.4	0	1	87.6	87.7	42.2	43.3	0	0
144458	19984	335	0.981	1.1	-8.4	323.1	0	1	87.6	87.7	42.6	43.3	0	0
144459	19992	335	0.99	1.1	-8.4	322.7	0	1	87.4	87.6	42.6	43.4	0	0
144460	19992	335	0.999	1.1	-8.4	322.4	0	1	87.4	87.6	42.4	43.4	0	0
144461	19992	335.5	0.983	1.1	-7.7	322	0	1	87.4	87.6	42.4	43.3	0	0
144462	19996	336	0.983	1.1	-8	321.7	0	1	87.4	87.6	42.2	43.3	0	0
144463	19992	336	1.004	1.1	-8.4	321.3	0	1	87.4	87.4	42.2	43.2	0	0
144464	19992	336.5	0.974	1.1	-8.4	321	0	1	87.4	87.4	42.2	43.2	0	0
144465	19992	337	0.979	1.1	-8	320.6	0	1	87.3	87.3	42.2	43.2	0	0
144466	19984	337	1.034	1.3	-7.7	320.3	0	1	87.3	87.3	42.2	43.2	0	0
144467	19992	336.5	0.988	1.3	-8.4	319.9	0	1	87.1	87.1	42.2	43.2	0	0
144468	19992	337	0.958	1.1	-8	319.6	0	1	87.1	87.1	42.2	43.2	0	0
144469	19988	336.5	0.967	1.1	-7.7	318.9	0	1	87.1	86.9	42.2	43.2	0	0
144470	19988	337.5	0.958	1.1	-8	318.5	0	1	87.1	86.9	42.2	43.2	0	0
144471	19996	337	0.988	1.1	-8	318.5	0	1	86.9	86.8	42.2	43.2	0	0
144472	19996	337	0.967	1.3	-7.7	318.2	0	1	86.9	86.8	42.2	43.2	0	0
144473	20000	337	1.004	1.3	-8	317.5	0	1	86.9	86.6	42.2	43.2	0	0
144474	19996	337	0.999	1.3	-8	317.1	0	1	86.9	86.6	42.1	43.2	0	0
144475	19988	337	0.951	1.1	-7.7	316.8	0	1	86.8	86.6	42.1	43.2	0	0

144476	19992	337	0.963	1.1	-7.7	316.4	0	1	86.8	86.6	42.1	43.2	1	0
144477	19992	337	0.986	1.1	-8	316.4	0	1	86.8	86.6	42.1	43.2	1	0
144478	19992	336.5	0.97	1.1	-8	315.7	0	1	86.8	86.6	42.1	43.2	1	0
144479	19992	336.5	1.002	1.1	-8	315.3	0	1	86.8	86.6	42.1	43.2	1	0
144480	19988	336.5	0.974	1.1	-7.7	315	0	1	86.8	86.6	42.1	43.2	1	0
144481	19996	336.5	0.981	1.1	-7.7	314.6	0	1	86.8	86.6	42.1	43.2	1	0
144482	19992	336.5	0.981	1.3	-8	314.3	0	1	86.8	86.6	42.1	43.2	1	0
144483	19996	336	0.981	1.3	-8	313.9	0	1	86.6	86.6	42.1	43.2	1	0
144484	19992	336.5	1.002	1.1	-8	313.9	0	1	86.6	86.6	42.1	43.2	1	0
144485	19996	336	0.995	1.3	-7.3	313.6	0	1	86.8	86.6	42.1	43.2	1	0
144486	20000	336.5	0.986	1.1	-7.7	313.2	0	1	86.8	86.6	42.1	43.2	1	0
144487	20000	336.5	0.965	1.1	-7.7	312.9	0	1	86.9	86.5	42.1	43.3	1	0
144488	20000	336.5	0.976	1.1	-7	312.5	0	1	86.9	86.5	42.1	43.3	1	0
144489	19996	336	0.976	1.1	-5.9	312.2	0	1	86.6	86.5	42.1	43.3	1	0
144490	19992	336.5	0.986	1.1	-4.2	312.2	0	1	86.6	86.5	42.2	43.3	1	0
144491	20000	336.5	0.976	1.1	-2.8	311.8	0	1	86.8	86.5	42.2	43.3	1	0
144492	20000	336.5	0.981	1.1	-1.7	311.8	0	1	86.8	86.5	42.2	43.3	1	0
144493	19996	336.5	0.981	1.1	-0.7	311.8	0	1	86.9	86.6	42.2	43.3	1	0
144494	19996	336	1.004	1.1	-0.7	311.5	0	1	86.9	86.6	42.2	43.3	1	0
144495	19992	337	0.983	1.1	0	311.8	0	1	86.8	86.6	42.2	43.3	1	0
144496	19992	336	1.004	1.3	0.7	311.5	0	1	86.8	86.6	42.2	43.3	1	0
144497	19996	337	0.967	1.1	0.4	311.8	0	1	86.5	86.5	42.2	43.3	1	0
144498	19996	337.5	0.988	1.1	0.7	311.8	0	1	86.5	86.5	42.1	43.3	1	0
144499	19996	337.5	0.976	1.3	1.1	311.8	0	1	86.8	86.6	42.1	43.2	1	0
144500	19996	337.5	0.972	1.3	0.7	311.8	0	1	86.8	86.6	42.1	43.2	0	0
144501	19992	337.5	0.951	1.1	0.7	311.8	0	1	86.6	86.6	42.1	43.2	0	0
144502	19992	337.5	0.963	1.1	1.1	311.8	0	1	86.6	86.6	42.1	43.2	0	0
144503	19996	337.5	1.008	1.1	0.7	311.8	0	1	86.8	86.5	42.1	43.2	0	0
144504	19996	337	1.008	1.1	0.7	311.8	0	1	86.8	86.5	42	43.2	0	0
144505	19992	337	0.999	1.3	1.1	311.8	0	1	86.3	86.1	42	43.1	0	0
144506	19996	336.5	0.979	1.1	0.4	311.8	0	1	86.3	86.1	41.9	43.1	0	0
144507	19996	336.5	0.958	1.1	0.4	311.8	0	1	86.5	86.3	41.9	43.1	0	0
144508	20000	336	0.963	1.1	0.7	311.8	0	1	86.5	86.3	41.9	43.1	0	0
144509	19996	335.5	0.942	1.1	0.7	311.8	0	1	86.3	86.1	41.9	43.1	0	0
144510	19996	335.5	0.972	1.1	0.4	311.8	0	1	86.3	86.1	41.9	43.1	0	0
144511	20000	335.5	0.983	1.1	0.7	311.8	0	1	86.5	86.1	41.9	43.1	0	0
144512	19996	335.5	0.999	1.3	0.7	311.8	0	1	86.5	86.1	42	43.1	0	0
144513	19992	335	0.979	1.3	0.4	311.8	0	1	86.6	86.1	42	43	0	0
144514	20000	335	0.967	1.3	0.4	312.2	0	1	86.6	86.1	42	43	0	0
144515	19996	335	0.967	1.1	0.7	312.2	0	1	86.8	86.3	42	43.1	0	0
144516	20000	334.5	0.979	1.1	0.4	312.2	0	1	86.8	86.3	42.1	43.1	0	0
144517	19996	334	0.967	1.1	0	312.2	0	1	86.9	86.5	42.1	43.2	0	0
144518	19996	334	0.942	1.1	0.4	312.2	0	1	86.9	86.5	42.4	43.2	0	0
144519	19996	333.5	0.947	1.1	0.7	311.8	0	1	87.1	86.3	42.4	43.2	0	0
144520	19996	334	0.981	1.1	0.4	311.8	0	1	87.1	86.3	42.4	43.2	0	0
144521	19996	333.5	1.011	1.3	0.4	311.8	0	1	86.9	86.5	42.4	43.2	0	0
144522	20000	333.5	0.986	1.3	0.7	311.8	0	1	86.9	86.5	42.5	43.2	0	0
144523	20000	333.5	0.986	1.3	0.4	311.8	0	1	87.1	87.1	42.5	43.4	0	0
144524	20000	333.5	0.981	1.3	0	311.8	0	1	87.1	87.1	42.5	43.4	0	0
144525	20000	333.5	0.97	1.3	0.4	311.8	0	1	87.1	87.4	42.5	43.7	0	0
144526	20000	333.5	0.944	1.1	0.4	311.8	0	1	87.1	87.4	42.5	43.7	0	0
144527	20000	333.5	0.956	1.1	0.4	311.8	0	1	87.3	87.3	42.5	43.7	0	0
144528	20000	333.5	0.96	1.1	0	311.8	0	1	87.3	87.3	42.5	43.7	0	0
144529	20004	334	0.976	1.1	0.4	311.8	0	1	87.3	87.1	42.5	43.4	0	0
144530	20000	334	0.99	1.1	0.7	311.8	0	1	87.3	87.1	42.6	43.4	0	0
144531	20000	334	1.011	1.3	0.4	311.8	0	1	88.1	87.1	42.6	43.3	0	0
144532	20000	334	0.986	1.3	0.4	311.8	0	1	88.1	87.1	42.6	43.3	0	0
144533	20004	334.5	0.981	1.3	0	311.8	0	1	87.4	87.1	42.6	43.3	0	0
144534	20000	334.5	0.949	1.1	0	311.8	0	1	87.4	87.1	42.1	43.3	0	0
144535	20000	334.5	0.965	1.1	0.4	311.5	0	1	87.1	87.3	42.1	43.6	0	0
144536	19996	334.5	0.949	1.1	0.4	311.5	0	1	87.1	87.3	42.1	43.6	0	0
144537	20000	334.5	0.981	1.1	0	311.5	0	1	86.9	87.6	42.1	43.6	0	0
144538	19996	334	0.99	1.3	0	311.5	0	1	86.9	87.6	42.1	43.6	0	0
144539	20000	334	1.006	1.3	0.7	311.8	0	1	87.1	87.1	42.1	43.3	0	0
144540	19996	334	1.006	1.3	0.4	311.8	0	1	87.1	87.1	42.2	43.3	0	0
144541	20000	333.5	0.944	1.3	0.4	311.8	0	1	87.3	87.1	42.2	43.3	0	0
144542	20000	333.5	0.949	1.3	0.7	311.8	0	1	87.3	87.1	42.2	43.3	0	0
144543	20000	333.5	0.965	1.1	0.4	311.8	0	1	87.1	87.1	42.2	43.3	0	0
144544	20000	333.5	0.99	1.1	0	311.8	0	1	87.1	87.1	42.2	43.3	0	0
144545	20000	333.5	0.99	1.1	0.4	311.8	0	1	87.3	86.9	42.2	43.3	0	0
144546	19996	333.5	0.999	1.1	0.4	311.8	0	1	87.3	86.9	42.4	43.3	0	0

144547	19996	334	0.992	1.1	0.4	311.8	0	1	87.4	87.1	42.4	43.3	0	0
144548	20000	333.5	0.963	1.1	0	311.8	0	1	87.4	87.1	42.4	43.3	0	0
144549	19996	334	0.992	1.1	0.7	311.8	0	1	87.4	87.3	42.4	43.6	0	0
144550	20004	334.5	0.988	1.1	0.4	311.5	0	1	87.4	87.3	42.4	43.6	0	0
144551	20004	334.5	0.999	1.1	0	311.5	0	1	87.3	87.3	42.4	43.6	0	0
144552	20000	334.5	0.937	1.1	0.4	311.5	0	1	87.3	87.3	42.4	43.6	0	0
144553	20000	334.5	0.928	1.1	0.4	311.5	0	1	87.3	87.3	42.4	43.4	0	0
144554	20000	334.5	0.947	1.1	0	311.5	0	1	87.3	87.3	42.4	43.4	0	0
144555	20000	335	0.94	1	0.4	311.5	0	1	87.4	87.1	42.4	43.4	0	0
144556	19996	335	0.97	1.1	0.7	311.5	0	1	87.4	87.1	42.4	43.4	0	0
144557	20000	335	0.99	1.1	0.4	311.5	0	1	87.3	87.1	42.4	43.3	0	0
144558	19996	335	0.976	1.1	0	311.5	0	1	87.3	87.1	42.4	43.3	0	0
144559	19996	335.5	0.965	1.3	0.4	311.5	0	1	87.1	86.9	42.4	43.3	0	0
144560	19996	335.5	0.949	1.3	0.4	311.5	0	1	87.1	86.9	42.2	43.3	0	0
144561	20000	335.5	0.94	1.1	0.4	311.5	0	1	87.1	87.1	42.2	43.2	0	0
144562	20000	335	0.94	1.1	0.4	311.5	0	1	87.1	87.1	42.2	43.2	0	0
144563	19996	335.5	0.97	1.1	0.4	311.5	0	1	86.9	86.9	42.2	43.3	0	0
144564	19996	335.5	0.979	1.1	0.4	311.5	0	0	86.9	86.9	42.2	43.3	0	0
144565	20000	335.5	0.992	1.1	0.4	311.5	0	0	87.1	86.9	42.2	43.3	0	0
144566	19996	335	1.024	1.3	0.4	311.5	0	0	87.1	86.9	42.1	43.3	0	0
144567	20000	335	0.999	1.3	0.4	311.5	0	0	87.1	86.9	42.1	43.3	0	0
144568	20000	335	0.979	1.3	0.4	311.8	0	0	87.1	86.9	42.1	43.3	0	0
144569	20000	335	0.967	1.1	0.4	311.5	0	0	86.8	86.9	42.1	43.3	0	0
144570	19996	335	0.958	1.1	0.4	311.8	0	0	86.8	86.9	42.1	43.3	0	0
144571	20000	335	0.979	1.1	0	311.5	0	0	86.9	86.9	42.1	43.3	0	0
144572	20000	335	0.979	1.1	0.4	311.5	0	0	86.9	86.9	42.1	43.3	0	0
144573	20000	335	0.972	1.1	0.4	311.5	0	0	87.1	86.9	42.1	43.3	0	0
144574	20000	335	0.999	1.1	0.7	311.5	0	0	87.1	86.9	42.2	43.3	0	0
144575	20000	334.5	0.972	1.3	0.4	311.5	0	0	87.1	86.9	42.2	43.3	0	0
144576	20000	334.5	0.983	1.3	0.4	311.5	0	0	87.1	86.9	42.2	43.3	0	0
144577	19996	335	0.979	1.3	0.7	311.5	0	0	87.3	86.9	42.2	43.2	0	0
144578	20000	335	0.947	1.1	0.4	311.5	0	0	87.3	86.9	42.2	43.2	0	0
144579	20000	335	0.947	1.1	0.4	311.8	0	0	87.3	86.9	42.2	43.3	0	0
144580	20000	335	0.951	1.1	0.4	311.5	0	0	87.3	86.9	42.2	43.3	0	0
144581	19996	335	0.992	1.1	0.4	311.5	0	0	87.1	86.9	42.2	43.3	0	0
144582	20000	335	1.008	1.1	0.4	311.5	0	0	87.1	86.9	42.2	43.3	0	0
144583	20000	335	0.992	1.3	0.4	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144584	20000	335	0.992	1.3	0.7	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144585	20000	335	0.963	1.1	0.4	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144586	20004	335	0.958	1.1	0.4	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144587	20000	335	0.967	1.1	0.4	311.5	0	0	87.4	86.9	42.2	43.3	0	0
144588	20000	335	0.967	1.1	0.4	311.5	0	0	87.4	86.9	42.4	43.3	0	0
144589	19992	335	1.013	1.1	0	311.5	0	0	87.4	86.9	42.4	43.3	0	0
144590	19996	335.5	1.013	1.3	0	311.5	0	0	87.4	86.9	42.4	43.3	0	0
144591	20000	335	1.008	1.3	0.4	311.5	0	0	87.3	86.9	42.4	43.3	0	0
144592	20000	335	0.953	1.3	0.4	311.5	0	0	87.3	86.9	42.2	43.3	0	0
144593	20000	334.5	0.958	1.1	0.4	311.5	0	0	87.3	87.1	42.2	43.3	0	0
144594	20000	334.5	0.953	1.1	0	311.5	0	0	87.3	87.1	42.2	43.3	0	0
144595	19996	334.5	0.953	1.1	0	311.5	0	0	87.3	87.1	42.2	43.3	0	0
144596	20000	334.5	0.983	1.1	0.4	311.5	0	0	87.3	87.1	42.2	43.3	0	0
144597	19996	334.5	1.013	1.3	0.7	311.5	0	0	87.3	87.1	42.2	43.3	0	0
144598	20000	334.5	0.981	1.3	0.4	311.5	0	0	87.3	87.1	42.2	43.3	0	0
144599	20000	334.5	0.976	1.3	0.4	311.8	0	0	87.3	86.9	42.2	43.3	0	0
144600	20000	334.5	0.956	1.3	0.4	311.8	0	0	87.3	86.9	42.2	43.3	0	0
144601	20004	334.5	0.944	1.1	0.4	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144602	20000	334.5	0.96	1.1	0.4	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144603	20004	334.5	0.976	1.1	0.4	311.8	0	0	87.3	86.9	42.2	43.3	0	0
144604	19996	334.5	0.995	1.1	0	311.8	0	0	87.3	86.9	42.2	43.3	0	0
144605	19996	334.5	0.99	1.3	0	311.8	0	0	87.3	87.1	42.2	43.4	0	0
144606	20000	335	0.995	1.3	0	311.8	0	0	87.3	87.1	42.2	43.4	0	0
144607	20000	335	0.967	1.3	0	311.5	0	0	87.3	87.3	42.2	43.4	0	0
144608	20000	335	0.963	1.1	0.4	311.5	0	0	87.3	87.3	42.4	43.4	0	0
144609	19996	335	0.979	1.1	0.4	311.5	0	0	87.4	87.1	42.4	43.4	0	0
144610	20000	334.5	0.953	1.1	0	311.5	0	0	87.4	87.1	42.4	43.4	0	0
144611	20000	334.5	0.947	1.1	0.4	311.8	0	0	87.3	87.1	42.4	43.4	0	0
144612	20000	335	0.963	1.1	0.7	311.8	0	0	87.3	87.1	42.4	43.4	0	0
144613	20000	335	0.979	1.1	0.4	311.8	0	0	87.3	87.1	42.4	43.3	0	0
144614	20000	335	1.004	1.1	0.4	311.8	0	0	87.3	87.1	42.4	43.3	0	0
144615	20000	335	0.967	1.1	0.7	311.8	0	0	87.3	87.1	42.4	43.3	0	0
144616	20000	335	0.974	1.3	0.4	311.5	0	0	87.3	87.1	42.4	43.3	0	0
144617	20004	335	0.974	1.3	0	311.5	0	0	87.3	87.1	42.4	43.3	0	0

144618	19996	335	0.965	1.1	0.4	311.5	0	0	87.3	87.1	42.4	43.3	0	0
144619	20000	335	0.935	1.1	0.4	311.5	0	0	87.1	87.1	42.4	43.3	0	0
144620	19996	335	0.949	1.1	0	311.5	0	0	87.1	87.1	42.4	43.3	0	0
144621	19996	335.5	0.974	1.1	0.4	311.8	0	0	87.3	86.9	42.4	43.3	0	0
144622	20000	335	0.981	1.3	0.4	311.8	0	0	87.3	86.9	42.2	43.3	0	0
144623	19996	335.5	0.99	1.3	0	311.8	0	0	87.1	87.1	42.2	43.3	0	0
144624	20000	335.5	0.983	1.3	0	311.5	0	0	87.1	87.1	42.2	43.3	0	0
144625	20000	335	0.979	1.3	0	311.5	0	0	87.3	87.1	42.2	43.3	0	0
144626	19996	334.5	0.942	1.3	0.4	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144627	19996	334.5	0.983	1.1	0.4	311.8	0	0	87.1	87.1	42.2	43.3	0	0
144628	20000	334.5	0.972	1.1	0	311.8	0	0	87.1	87.1	42.2	43.3	0	0
144629	20000	334.5	0.958	1.1	0.4	311.8	0	0	87.1	87.1	42.2	43.3	0	0
144630	19996	334.5	0.967	1.1	0.4	311.8	0	0	87.1	87.1	42.2	43.3	0	0
144631	19996	334.5	1.059	1.3	0.7	311.8	0	0	87.3	86.9	42.2	43.3	0	0
144632	20000	334.5	0.937	1.3	0.7	311.8	0	0	87.3	86.9	42.2	43.3	0	0
144633	20000	334.5	0.905	1.1	0.4	311.8	0	0	87.1	87.1	42.2	43.3	1	0
144634	19992	334.5	0.917	1	0.4	311.8	0	0	87.1	87.1	42.2	43.3	0	0
144635	19988	334.5	0.917	0.8	0.7	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144636	19980	334.5	0.917	0.6	0.7	311.8	0	0	87.3	87.1	42.2	43.3	0	0
144637	19968	334.5	0.901	0.4	0.7	311.8	0	0	86.9	86	42.2	43	0	0
144638	19956	335	0.917	0.3	0.7	311.8	0	0	86.9	86	41	43	0	0
144639	19940	335.5	0.905	0.1	0.7	311.8	0	0	85.8	85.7	41	41.2	0	0
144640	19924	335.5	0.905	0	0.7	311.8	0	0	85.8	85.7	39.9	41.2	0	0
144641	19912	335	0.892	-0.2	0.7	311.8	0	0	85.3	84.9	39.9	40.1	0	0
144642	19888	334.5	0.876	-0.6	0.7	311.5	0	0	85.3	84.9	37.9	40.1	0	0
144643	19860	334	0.86	-0.7	0.4	311.5	0	0	84.6	84.1	37.9	38.3	0	0
144644	19832	334	0.86	-0.9	0	311.5	0	0	84.6	84.1	34.6	38.3	0	0
144645	19800	334.5	0.839	-1.3	0	311.5	0	0	83.3	82.5	34.6	32.8	0	0
144646	19764	334.5	0.825	-1.6	-0.3	311.5	0	0	83.3	82.5	30.2	32.8	0	0
144647	19724	335	0.876	-1.8	-0.7	311.5	0	0	83.1	82.2	30.2	29.9	0	0
144648	19688	335	0.896	-2	-0.7	311.5	0	0	83.1	82.2	29.6	29.9	0	0
144649	19640	335.5	0.921	-2	-1	311.1	0	0	83	82	29.6	29.7	0	0
144650	19604	336	1.127	-1.6	-1	311.1	0	0	83	82	29.5	29.7	0	0
144651	19572	336	1.118	-1.3	-1.4	311.1	0	0	82.6	81.5	29.5	29.4	0	0
144652	19540	335.5	1.102	-0.9	-1.7	310.8	0	0	82.6	81.5	29.2	29.4	0	0
144653	19508	334.5	1.04	-0.7	-1.7	310.8	0	0	82.3	81	29.2	28.3	0	0
144654	19484	334.5	1.031	-0.7	-2.1	310.8	0	0	82.3	81	28.9	28.3	0	0
144655	19456	334.5	1.002	-0.7	-2.1	310.8	0	0	82.3	81	28.9	27.8	0	0
144656	19428	333.5	1.006	-0.6	-2.4	310.4	0	0	82.3	81	28.8	27.8	0	0
144657	19404	333	1.002	-0.6	-2.4	310.4	0	0	82.3	81	28.8	27.6	0	0
144658	19380	332	0.974	-0.7	-2.4	310.1	0	0	82.3	81	28.6	27.6	0	0
144659	19356	331.5	0.988	-0.7	-2.4	310.1	0	0	82.3	80.9	28.6	27.4	0	0
144660	19328	331	0.947	-0.7	-2.4	310.1	0	0	82.3	80.9	28.6	27.4	0	0
144661	19300	330.5	0.958	-0.9	-2.8	309.7	0	0	82.3	81	28.6	27.3	0	0
144662	19276	330	0.937	-0.9	-2.8	309.7	0	0	82.3	81	28.6	27.3	0	0
144663	19248	330	0.942	-0.9	-2.8	309.7	0	0	82.3	80.7	28.6	27.3	0	0
144664	19220	330	0.958	-1.1	-2.8	309.4	0	0	82.3	80.7	29	27.3	0	0
144665	19176	329.5	0.958	-1.1	-2.8	309.4	0	0	82.3	80.9	29	27.3	0	0
144666	19156	329.5	0.958	-1.3	-2.8	309.4	0	0	82.3	80.9	29.2	27.3	0	0
144667	19120	329.5	0.958	-1.3	-2.8	309	0	0	82.3	80.9	29.2	27.4	0	0
144668	19092	329.5	0.944	-1.4	-2.8	309	0	0	82.3	80.9	29.5	27.4	0	0
144669	19052	329.5	0.956	-1.4	-3.1	309	0	0	82.3	80.9	29.5	27.4	0	0
144670	19012	329.5	0.944	-1.6	-3.1	308.7	0	0	82.3	80.9	29.8	27.4	0	0
144671	18976	329	0.956	-1.6	-3.1	308.7	0	0	82.3	80.7	29.8	27.6	0	0
144672	18944	329	0.956	-1.6	-3.1	308.7	0	0	82.3	80.7	29.9	27.6	0	0
144673	18912	329	1.114	-1.3	-2.4	308.3	0	0	82.2	80.7	29.9	27.6	0	0
144674	18884	329	1.093	-0.9	-1.7	308.3	0	0	82.2	80.7	30.1	27.6	0	0
144675	18856	329	1.098	-0.7	-1	308.3	0	0	82.2	80.6	30.1	27.4	0	0
144676	18832	328.5	1.091	-0.4	-0.3	308.3	0	1	82.2	80.6	30.1	27.4	0	1
144677	18804	328.5	1.084	-0.2	0.4	308	0	1	82.2	80.6	30.1	27.4	0	1
144678	18792	328	1.091	0.1	1.1	308.3	0	1	82.2	80.6	30.1	27.4	0	1
144679	18776	327	1.07	0.3	1.8	308.3	0	1	82.2	80.4	30.1	27.3	0	1
144680	18768	326.5	1.091	0.6	2.1	308.3	0	1	82.2	80.4	30.1	27.3	0	1
144681	18760	326	1.084	0.8	2.8	308.3	0	1	82.2	80.6	30.1	27.3	0	1
144682	18752	325	1.079	1.1	3.2	308.7	0	1	82.2	80.6	29.9	27.3	0	1
144683	18752	324	1.059	1.3	3.9	308.7	0	1	82.2	80.4	29.9	27.2	0	1
144684	18752	323	1.045	1.5	4.6	309	0	1	82.2	80.4	29.8	27.2	0	1
144685	18752	321.5	1.061	1.7	4.9	309	0	1	82.2	80.6	29.8	27.1	0	1
144686	18756	320.5	1.031	1.8	5.6	309.4	0	1	82.2	80.6	29.7	27.1	0	1
144687	18760	319.5	1.04	2	6	309.7	0	1	82.2	80.4	29.7	26.8	0	1
144688	18768	318.5	1.011	2	6.7	310.1	0	1	82.2	80.4	29.6	26.8	0	1

144689	18776	317.5	1.031	2.2	7	310.4	0	1	82.2	80.4	29.6	26.7	0	1
144690	18788	316	1.002	2.4	7.7	310.8	0	1	82.2	80.4	29.6	26.7	0	1
144691	18792	315	0.99	2.4	8.1	311.1	0	1	82	80.4	29.6	26.6	0	1
144692	18804	314	1.011	2.4	8.8	311.5	0	1	82	80.4	29.5	26.6	0	1
144693	18812	313	0.974	2.4	9.5	311.8	0	1	81.8	80.2	29.5	26.5	0	1
144694	18824	312	1.004	2.4	10.2	312.2	0	1	81.8	80.2	29.5	26.5	0	1
144695	18828	311	0.921	2.2	10.5	312.9	0	1	82.2	80.4	29.5	26.4	0	1
144696	18836	310	0.921	2	11.3	313.2	0	1	82.2	80.4	29.6	26.4	0	1
144697	18840	308.5	0.912	1.8	11.6	313.9	0	1	82	80.2	29.6	26.1	0	1
144698	18840	307.5	0.933	1.7	12.3	314.3	0	1	82	80.2	29.7	26.1	0	1
144699	18840	307	0.928	1.5	12.7	315	0	1	82	80.2	29.7	26.1	0	1
144700	18836	306.5	0.947	1.3	11.6	315.3	0	1	82	80.2	29.8	26.1	0	1
144701	18832	305.5	0.963	1.1	10.2	315.7	0	1	82.5	80.4	29.8	26.1	0	1
144702	18828	305	0.958	1.1	8.4	316.4	0	1	82.5	80.4	32.8	26.1	0	1
144703	18824	304.5	0.963	1	7	316.8	0	1	83.3	81.7	32.8	30.2	0	1
144704	18816	304	0.967	1	5.6	316.8	0	1	83.3	81.7	35.1	30.2	0	1
144705	18808	304	0.974	1	3.5	317.1	0	1	83.4	82	35.1	34.8	0	1
144706	18804	304	0.979	1	1.4	317.1	0	1	83.4	82	35.6	34.8	0	1
144707	18796	304.5	0.979	1	-0.7	317.1	0	1	83.4	82.3	35.6	35.4	0	1
144708	18788	304	0.988	1	-2.8	316.8	0	1	83.4	82.3	35.8	35.4	0	1
144709	18784	303.5	0.988	1	-4.9	316.8	0	1	83.3	82.3	35.8	35.6	0	1
144710	18776	303	0.983	1	-6.6	316.4	0	1	83.3	82.3	35.8	35.6	0	1
144711	18768	303	0.953	0.8	-8.4	316.1	0	1	83.4	82.3	35.8	35.6	0	1
144712	18760	302.5	0.974	0.8	-10.5	315.7	0	1	83.4	82.3	35.8	35.6	0	1
144713	18752	302.5	0.967	0.8	-12.3	315	0	1	83.3	82.3	35.8	35.6	0	1
144714	18740	302.5	0.967	0.6	-13.7	314.3	0	1	83.3	82.3	35.8	35.6	0	1
144715	18732	302.5	0.963	0.4	-14.7	313.6	0	1	83.4	82.3	35.8	35.6	0	1
144716	18716	302.5	0.953	0.3	-14.4	312.9	0	1	83.4	82.3	35.8	35.6	0	1
144717	18704	303	0.958	0.3	-13.7	312.2	0	1	83.4	82.3	35.8	35.6	0	1
144718	18696	303	0.999	0.3	-10.9	311.8	0	1	83.4	82.3	35.9	35.6	0	0
144719	18680	303.5	1.121	0.8	-7	311.1	0	1	83.4	82.2	35.9	35.6	0	0
144720	18672	303.5	1.153	1.3	-2.1	311.1	0	1	83.4	82.2	36	35.6	0	0
144721	18668	303.5	1.011	1.1	2.8	311.1	0	1	83.3	82.3	36	35.3	0	0
144722	18660	303	0.931	1.1	6	311.5	0	1	83.3	82.3	36	35.3	0	0
144723	18656	303	0.869	0.6	7.7	311.8	0	1	83.4	82.3	36	35.2	0	0
144724	18644	303	1.006	0.8	8.4	312.2	0	1	83.4	82.3	36	35.2	0	0
144725	18636	303	1.011	0.8	8.8	312.5	0	1	83.4	82.2	36	35.2	0	0
144726	18632	303	1.061	1.1	8.1	312.9	0	1	83.4	82.2	36	35.2	0	0
144727	18624	303	1.022	1.1	7.4	313.2	0	1	83.4	82.3	36	35.1	0	0
144728	18616	302.5	0.967	1.1	6.3	313.6	0	1	83.4	82.3	36	35.1	0	0
144729	18608	302.5	0.901	0.8	4.9	313.9	0	1	83.3	82.2	36	35.1	0	0
144730	18592	302.5	0.805	0.3	3.5	313.9	0	1	83.3	82.2	35.9	35.1	0	0
144731	18576	302.5	0.793	-0.2	2.8	313.9	0	1	83.4	82	35.9	34.8	0	0
144732	18556	303	0.942	-0.2	2.1	314.3	0	1	83.4	82	35.9	34.8	0	0
144733	18544	303	1.063	0	1.1	314.3	0	1	83.3	81.8	35.9	34.6	0	0
144734	18524	303	1.095	0.3	0	314.3	0	1	83.3	81.8	35.9	34.6	0	0
144735	18508	303	0.988	0.3	-0.3	314.3	0	1	83.4	81.8	35.9	34.2	0	0
144736	18492	303	0.933	0.1	-1	313.9	0	1	83.4	81.8	35.9	34.2	0	0
144737	18480	303	0.873	-0.2	-1.7	313.9	0	1	83.4	81.7	35.9	34.1	0	0
144738	18456	303	0.949	-0.2	-1.7	313.9	0	1	83.4	81.7	35.9	34.1	0	0
144739	18440	303	1.011	0	-2.1	313.9	0	1	83.4	81.8	35.9	34.1	0	0
144740	18424	303.5	1.052	0.1	-2.8	313.6	0	1	83.4	81.8	35.9	34.1	0	0
144741	18408	303	1.011	0.3	-2.8	313.6	0	1	83.3	81.7	35.9	34.1	0	0
144742	18392	303	1.011	0.3	-2.4	313.6	0	1	83.3	81.7	35.9	34.1	0	0
144743	18380	303.5	1.002	0.3	-2.1	313.2	0	1	83.3	81.8	35.9	34.1	0	0
144744	18368	303.5	0.99	0.4	-1.4	313.2	0	1	83.3	81.8	35.9	34.1	0	0
144745	18360	303.5	0.99	0.4	-0.7	313.2	0	1	83.4	81.7	35.9	34.1	0	0
144746	18344	303.5	0.986	0.4	-0.3	313.2	0	1	83.4	81.7	35.9	34.1	0	0
144747	18332	303.5	0.981	0.6	0.4	313.2	0	1	83.4	81.8	35.9	34.1	0	0
144748	18324	303.5	0.99	0.6	1.1	313.2	0	1	83.4	81.8	35.9	34.1	0	0
144749	18316	303.5	0.995	0.6	1.4	313.2	0	1	83.3	81.7	35.9	34.1	0	0
144750	18300	303	1.006	0.8	1.8	313.2	0	1	83.3	81.7	35.9	34.1	0	0
144751	18288	303	1.011	0.8	2.1	313.2	0	1	83.3	81.7	35.9	34.1	0	0
144752	18284	303	1.015	0.8	2.5	313.2	0	1	83.3	81.7	35.9	34.1	0	0
144753	18276	302.5	0.981	1	2.8	313.6	0	1	83.3	81.7	35.9	34.1	0	0
144754	18268	302	1.002	1	3.2	313.6	0	1	83.3	81.7	35.9	34.1	0	0
144755	18260	302	0.995	1	3.2	313.6	0	1	83.3	81.7	35.9	34.1	0	0
144756	18252	301.5	1.006	1	3.2	313.9	0	1	83.3	81.7	35.9	34.1	0	0
144757	18248	301.5	1.002	1	3.5	313.9	0	1	83.4	81.7	35.9	34	0	0
144758	18244	301	0.97	1.1	3.9	314.3	0	1	83.4	81.7	35.8	34	0	0
144759	18236	301	0.986	1.1	3.9	314.3	0	1	83.4	81.7	35.8	34	0	0

144760	18228	300.5	1.002	1.1	4.2	314.6	0	1	83.4	81.7	35.8	34	0	0
144761	18220	300.5	0.986	1.1	4.2	314.6	0	1	83.4	81.7	35.8	34	0	0
144762	18224	300.5	0.974	1.1	4.6	315	0	1	83.4	81.7	35.8	34	0	0
144763	18216	300.5	0.965	1.1	4.6	315	0	1	83.4	81.8	35.8	34	0	0
144764	18212	300	0.995	1.1	4.6	315.3	0	1	83.4	81.8	35.8	34	0	0
144765	18204	299.5	0.981	1.1	4.9	315.7	0	1	83.4	81.8	35.8	34	0	0
144766	18196	299.5	0.949	1.1	4.6	315.7	0	1	83.4	81.8	35.8	34	0	0
144767	18188	299	0.816	0.6	4.9	316.1	0	1	83.3	81.8	35.8	34	0	0
144768	18176	299	0.873	0.4	4.6	316.1	0	1	83.3	81.8	35.8	34	0	0
144769	18160	299	0.883	0.1	3.9	316.4	0	1	83.4	81.7	35.8	34	0	0
144770	18140	299	0.894	0	3.2	316.4	0	1	83.4	81.7	35.8	34	0	0
144771	18120	299	0.899	-0.2	2.5	316.8	0	1	83.3	81.7	35.8	34	0	0
144772	18100	299.5	0.917	-0.4	1.4	316.8	0	1	83.3	81.7	35.8	34	0	0
144773	18080	300	0.951	-0.4	0.4	316.8	0	1	83.4	81.7	35.8	34	0	0
144774	18060	300.5	1.038	-0.2	-3.1	316.8	0	1	83.4	81.7	35.9	34	0	0
144775	18036	301	1.105	0.1	-8	316.4	0	1	83.3	81.7	35.9	34.1	0	0
144776	18028	301	1.137	0.4	-10.9	315.7	0	1	83.3	81.7	35.9	34.1	0	0
144777	18012	301	0.992	0.3	-12.6	315.3	0	1	83.3	81.7	35.9	34.1	0	0
144778	17996	301	0.967	0.3	-13	314.6	0	1	83.3	81.7	35.9	34.1	0	0
144779	17976	301	0.896	-0.2	-12.6	313.9	0	1	83.4	81.8	35.9	34.1	0	0
144780	17960	301	0.983	0	-11.2	313.2	0	1	83.4	81.8	36	34.1	0	0
144781	17944	301.5	1.038	0.1	-10.5	312.5	0	1	83.3	81.7	36	34.2	0	0
144782	17928	301.5	1.07	0.3	-9.4	312.2	0	1	83.3	81.7	36	34.2	0	0
144783	17912	302	1.029	0.3	-8.4	311.8	0	1	83.4	81.5	36	34.2	0	0
144784	17896	302	0.988	0.3	-7.3	311.5	0	1	83.4	81.5	36	34.2	0	0
144785	17880	302	0.958	0.1	-5.9	311.1	0	1	83.4	81.5	36	34.2	0	0
144786	17864	302	0.942	0.1	-4.9	310.8	0	1	83.4	81.5	36.2	34.2	0	0
144787	17848	302	0.951	0	-3.8	310.8	0	1	83.3	81.5	36.2	34.2	0	0
144788	17828	302	0.972	0	-3.5	310.4	0	1	83.3	81.5	36.2	34.2	0	0
144789	17816	302.5	0.99	0	-2.8	310.4	0	1	83.4	81.5	36.2	34.2	0	0
144790	17796	302	1.002	0.1	-2.4	310.1	0	1	83.4	81.5	36.2	34.2	0	0
144791	17780	302.5	1.002	0.3	-2.1	310.1	0	1	83.3	81.7	36.2	34.4	0	0
144792	17760	303	1.002	0.3	-1.7	310.1	0	1	83.3	81.7	36.2	34.4	0	0
144793	17744	302.5	0.949	0.1	-1.4	309.7	0	1	83.3	81.5	36.2	34.4	0	0
144794	17728	303	0.949	0.1	-1	309.7	0	1	83.3	81.5	36.3	34.4	0	0
144795	17712	303	0.965	0	-0.7	309.7	0	1	83.3	81.8	36.3	34.4	0	0
144796	17692	303	0.981	0	-1	309.7	0	1	83.3	81.8	36.3	34.4	0	0
144797	17676	303.5	0.995	0	-1	309.4	0	1	83.3	81.7	36.3	34.4	0	0
144798	17656	303.5	1.02	0.1	-0.7	309.4	0	1	83.3	81.7	36.3	34.4	0	0
144799	17644	303.5	1.02	0.3	-0.7	309.4	0	1	83.3	81.5	36.3	34.4	0	0
144800	17624	303.5	0.974	0.1	-1	309.4	0	1	83.3	81.5	36.4	34.4	0	0
144801	17608	303.5	0.94	0.1	-0.7	309.4	0	1	83.3	81.5	36.4	34.4	0	0
144802	17592	303.5	0.96	0.1	-0.7	309	0	1	83.3	81.5	36.4	34.4	0	0
144803	17572	303.5	0.94	0	-1	309	0	1	83.3	81.7	36.4	34.4	0	0
144804	17560	303.5	0.97	0	-0.7	309	0	1	83.3	81.7	36.4	34.4	0	0
144805	17544	303.5	0.981	0	-0.7	309	0	1	83.3	81.7	36.4	34.4	0	0
144806	17528	303.5	1.015	0.1	-0.3	309	0	1	83.3	81.7	36.5	34.4	0	0
144807	17504	304	1.022	0.1	0.4	309	0	1	83.3	81.7	36.5	34.5	0	0
144808	17492	303.5	1.011	0.3	0.4	309	0	1	83.3	81.7	36.5	34.5	0	0
144809	17472	303.5	0.96	0.1	0.7	309	0	1	83.3	81.5	36.5	34.5	0	0
144810	17460	303.5	0.981	0.1	1.4	309	0	1	83.3	81.5	36.5	34.5	0	0
144811	17440	303.5	0.965	0.1	1.1	309	0	1	83.3	81.7	36.5	34.5	0	0
144812	17420	303.5	0.96	0	1.1	309.4	0	1	83.3	81.7	36.5	34.5	0	0
144813	17408	304	0.976	0	1.4	309.4	0	1	83.4	81.7	36.5	34.5	0	0
144814	17392	303.5	0.981	0.1	1.1	309.4	0	1	83.4	81.7	36.5	34.5	0	0
144815	17372	303.5	1.034	0.3	1.1	309.7	0	1	83.3	81.5	36.5	34.5	0	0
144816	17360	303.5	0.979	0.3	1.1	309.7	0	1	83.3	81.5	36.6	34.5	0	0
144817	17340	303.5	0.979	0.3	1.1	309.7	0	1	83.3	81.7	36.6	34.5	0	0
144818	17324	303.5	0.947	0.1	1.1	309.7	0	1	83.3	81.7	36.6	34.5	0	0
144819	17304	303.5	0.963	0.1	1.1	309.7	0	1	83.3	81.5	36.6	34.5	0	0
144820	17292	303.5	0.972	0.1	0.7	309.7	0	1	83.3	81.5	36.6	34.5	0	0
144821	17276	303.5	0.967	0	1.1	310.1	0	1	83.3	81.5	36.6	34.6	0	0
144822	17260	304	0.983	0	0.7	310.1	0	1	83.3	81.5	36.6	34.6	0	0
144823	17240	304	1.018	0.1	0.4	310.1	0	1	83.4	81.7	36.6	34.6	0	0
144824	17224	304	1.008	0.1	0.7	310.1	0	1	83.4	81.7	36.8	34.6	0	0
144825	17208	303.5	1.008	0.3	0.4	310.4	0	1	83.3	81.5	36.8	34.6	0	0
144826	17188	303.5	0.983	0.3	0.4	310.4	0	1	83.3	81.5	36.8	34.6	0	0
144827	17180	303.5	0.942	0.1	0.4	310.4	0	1	83.3	81.7	36.8	34.6	0	0
144828	17164	303	0.951	0	0.7	310.4	0	1	83.3	81.7	36.8	34.6	0	0
144829	17148	303	0.951	0	0.7	310.4	0	1	83.4	81.5	36.8	34.7	0	0
144830	17128	303.5	0.963	0	0.7	310.4	0	1	83.4	81.5	36.8	34.7	0	0

144831	17104	303.5	0.983	0	0.4	310.4	0	1	83.3	81.7	36.8	34.7	0	0
144832	17092	303.5	1.011	0.1	0.4	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144833	17072	303	1.002	0.1	0	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144834	17060	303	0.986	0.1	0	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144835	17044	303	0.96	0.1	0.4	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144836	17028	303	0.949	0.1	0.4	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144837	17012	303	0.96	0	0	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144838	16992	303	0.944	0	0.4	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144839	16972	303	0.96	0	0.4	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144840	16960	303	1.006	0	0	310.4	0	1	83.3	81.7	36.9	34.7	0	0
144841	16940	303	1.024	0.1	0	310.4	0	1	83.3	81.5	36.9	34.8	0	0
144842	16924	303	1.013	0.1	0	310.4	0	1	83.3	81.5	36.9	34.8	0	0
144843	16908	303	1.004	0.1	0	310.4	0	1	83.3	81.5	36.9	34.8	0	0
144844	16896	303	0.953	0.1	0	310.4	0	1	83.3	81.5	36.9	34.8	0	0
144845	16880	303	0.947	0	0.4	310.8	0	1	83.3	81.7	36.9	34.8	0	0
144846	16860	303	0.974	0	0.4	310.8	0	1	83.3	81.7	36.9	34.8	0	0
144847	16844	302.5	0.947	0	0.4	310.8	0	1	83.3	81.7	36.9	34.8	0	0
144848	16820	302.5	0.947	0	0.4	310.8	0	1	83.3	81.7	36.9	34.8	0	0
144849	16808	302.5	0.988	0	0.4	310.8	0	1	83.3	81.7	36.9	34.8	0	0
144850	16792	302.5	1.022	0.1	0.4	310.8	0	1	83.3	81.7	36.9	34.8	0	0
144851	16776	302.5	0.986	0.1	0.4	310.8	0	1	83.1	81.7	36.9	35	0	0
144852	16760	302.5	0.997	0.1	0	310.8	0	1	83.1	81.7	36.9	35	0	0
144853	16740	302.5	0.956	0.1	0	310.8	0	1	83.3	81.5	36.9	35	0	0
144854	16724	302.5	0.956	0.1	0	310.8	0	1	83.3	81.5	36.9	35	0	0
144855	16712	302.5	0.951	0	-0.3	310.8	0	1	83.3	81.7	36.9	35	0	0
144856	16692	302.5	0.976	0	-0.3	310.8	0	1	83.3	81.7	36.9	35	0	0
144857	16672	302.5	0.956	0	-0.3	310.8	0	1	83.1	81.5	36.9	35	0	0
144858	16656	302.5	1.011	0	0	310.8	0	1	83.1	81.5	36.9	35	0	0
144859	16640	302.5	1.011	0.1	0	310.8	0	1	83.3	81.5	36.9	35	0	0
144860	16624	302.5	1.011	0.3	0.4	310.8	0	1	83.3	81.5	36.9	35	0	0
144861	16612	302.5	1.006	0.3	0.4	310.8	0	1	83.3	81.7	36.9	35	0	0
144862	16596	302.5	0.965	0.1	0.4	310.8	0	1	83.3	81.7	36.9	35	0	0
144863	16576	303	0.956	0	0	310.8	0	1	83.3	81.5	36.9	35.1	0	0
144864	16556	303	0.944	0	0	310.8	0	1	83.3	81.5	36.9	35.1	0	0
144865	16536	303	0.96	0	0.4	310.8	0	1	83.3	81.7	36.9	35.1	0	0
144866	16524	303	1.006	0	0	310.8	0	1	83.3	81.7	36.9	35.1	0	0
144867	16504	303	1.061	0.1	0	310.8	0	1	83.3	81.7	36.9	35.1	0	0
144868	16492	303	1.015	0.3	0.4	310.8	0	1	83.3	81.7	37	35.1	0	0
144869	16476	303	0.97	0.3	0	310.8	0	1	83.4	81.7	37	35.1	0	0
144870	16460	302.5	0.935	0.1	0	310.8	0	1	83.4	81.7	37	35.1	0	0
144871	16444	303	0.908	0	-0.3	310.8	0	1	83.3	81.7	37	35.1	0	0
144872	16420	303	0.928	0	-0.3	310.8	0	1	83.3	81.7	37	35.1	0	0
144873	16404	303	0.995	0	-0.3	310.8	0	1	83.3	81.5	37	35.1	0	0
144874	16392	303	0.995	0.1	0	310.8	0	1	83.3	81.5	37	35.1	0	0
144875	24560	303	1.02	0.3	0	310.8	0	1	83.1	81.5	37	35.2	0	0
144876	16356	302.5	0.99	0.3	0	310.8	0	1	83.1	81.5	37	35.2	0	0
144877	16340	302	0.944	0.1	0.4	310.8	0	1	83.3	81.7	37	35.2	0	0
144878	16324	302	0.97	0.1	0.4	310.8	0	1	83.3	81.7	37	35.2	0	0
144879	16308	302	0.974	0.1	0	310.8	0	1	83.3	81.5	37	35.2	0	0
144880	16288	302	0.944	0	0	310.8	0	1	83.3	81.5	37	35.2	0	0
144881	16272	302	1.006	0	0	310.8	0	1	83.3	81.7	37	35.2	0	0
144882	16252	302.5	1.006	0.1	0	310.8	0	1	83.3	81.7	37	35.2	0	0
144883	16240	302.5	1.015	0.3	0	310.4	0	1	83.3	81.5	37	35.2	0	0
144884	16224	302.5	1.015	0.3	0.4	310.4	0	1	83.3	81.5	37	35.2	0	0
144885	16204	302.5	0.965	0.3	0.4	310.4	0	1	83.3	81.7	37	35.2	0	0
144886	16188	302.5	0.935	0.1	0	310.4	0	1	83.3	81.7	37	35.2	0	0
144887	16168	302.5	0.944	0	0	310.4	0	1	83.1	81.7	37	35.2	0	0
144888	16152	303	0.949	0	0	310.4	0	1	83.1	81.7	37	35.2	0	0
144889	16140	303	1.011	0.1	0	310.4	0	1	83.1	81.5	37	35.2	0	0
144890	16120	303	1.02	0.1	0	310.4	0	1	83.1	81.5	36.9	35.2	0	0
144891	16104	303	1.02	0.3	-0.3	310.4	0	1	83.3	81.5	36.9	35.2	0	0
144892	16084	303	0.965	0.1	-0.3	310.4	0	1	83.3	81.5	36.9	35.2	0	0
144893	16072	303	0.951	0.1	0	310.4	0	1	83.3	81.5	36.9	35.2	0	0
144894	16052	303.5	0.933	0	0	310.4	0	1	83.3	81.5	36.9	35.2	0	0
144895	16036	303.5	0.951	-0.2	0.4	310.4	0	1	83.3	81.5	36.9	35.2	0	0
144896	16016	303.5	1.013	0	0.4	310.4	0	1	83.3	81.5	36.9	35.2	0	0
144897	16000	303.5	1.004	0.1	0.4	310.4	0	1	83.3	81.7	36.9	35.2	0	0
144898	15984	304	1.008	0.3	0	310.4	0	1	83.3	81.7	36.9	35.2	0	0
144899	15968	304	0.999	0.1	0	310.4	0	1	83.3	81.4	36.9	35.2	0	0
144900	15952	304	0.942	0.1	0	310.4	0	1	83.3	81.4	36.9	35.2	0	0
144901	15936	304	0.951	0	0	310.4	0	1	83.3	81.7	36.9	35.2	0	0

144902	15920	304	0.96	0	0	310.4	0	1	83.3	81.7	36.9	35.2	0	0
144903	15900	304	0.974	0	-0.3	310.4	0	1	83.1	81.4	36.9	35.2	0	0
144904	15884	304	1.006	0	0	310.4	0	1	83.1	81.4	36.9	35.2	0	0
144905	15872	304	1.011	0.1	0	310.4	0	1	83.3	81.5	36.9	35.3	0	0
144906	15856	304	1.006	0.1	0	310.4	0	1	83.3	81.5	37	35.3	0	0
144907	15840	304	1.006	0.1	0.4	310.4	0	1	83.3	81.5	37	35.3	0	0
144908	15820	304	0.944	0	0	310.4	0	1	83.3	81.5	37	35.3	0	0
144909	15804	304.5	0.944	0	-0.3	310.4	0	1	83.3	81.7	37	35.3	0	0
144910	15792	304	0.956	0	0	310.4	0	1	83.3	81.7	37	35.3	0	0
144911	15768	304	0.97	-0.2	0	310.4	0	1	83.3	81.5	37	35.3	0	0
144912	15756	304	0.99	0	0	310.4	0	1	83.3	81.5	37	35.3	0	0
144913	15736	304	1.011	0	0	310.4	0	1	83.1	81.4	37	35.3	0	0
144914	15724	304	1.015	0.1	0	310.8	0	1	83.1	81.4	37	35.3	0	0
144915	15704	304	1.002	0.1	0	310.8	0	1	83.3	81.4	37	35.3	0	0
144916	15688	304	0.935	0.1	0	310.8	0	1	83.3	81.4	37	35.3	0	0
144917	15672	304.5	0.965	0	0	310.8	0	1	83.1	81.5	37	35.3	0	0
144918	15656	304.5	0.94	-0.2	0	310.8	0	1	83.1	81.5	37	35.3	0	0
144919	15640	304	0.983	-0.2	0	310.8	0	1	83.3	81.5	37	35.3	0	0
144920	15616	304	1.029	0	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144921	15604	304	0.992	0.1	0	310.8	0	1	83.1	81.5	37.1	35.3	0	0
144922	15588	304	0.999	0.1	0	310.8	0	1	83.1	81.5	37.1	35.3	0	0
144923	15572	304	0.979	0.1	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144924	15560	304	0.953	0	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144925	15540	304	0.942	0	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144926	15520	304	0.963	0	0.4	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144927	15508	304	0.967	-0.2	0.4	310.8	0	1	83.1	81.5	37.1	35.3	0	0
144928	15484	303.5	0.988	0	0.4	310.8	0	1	83.1	81.5	37.1	35.3	0	0
144929	15472	303.5	1.013	0.1	0	310.8	0	1	83.3	81.4	37.1	35.3	0	0
144930	15456	303.5	0.992	0.1	0	310.8	0	1	83.3	81.4	37.1	35.3	0	0
144931	15444	303.5	0.983	0.1	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144932	15424	303.5	0.953	0	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144933	15404	303.5	0.942	0	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144934	15392	303.5	0.953	-0.2	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144935	15372	303.5	0.958	-0.2	0	310.8	0	1	83.3	81.4	37.1	35.3	0	0
144936	15356	303.5	0.999	0	0	310.8	0	1	83.3	81.4	37.1	35.3	0	0
144937	15336	303.5	0.992	0.1	0	310.8	0	1	83.1	81.5	37.1	35.3	0	0
144938	15324	303.5	1.008	0.1	-0.3	310.8	0	1	83.1	81.5	37.1	35.3	0	0
144939	15304	303.5	0.972	0.1	-0.3	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144940	15292	303.5	0.951	0	0	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144941	15276	303.5	0.958	0	0	310.8	0	1	83.3	81.4	37.1	35.3	0	0
144942	15256	303.5	0.942	0	0.4	310.8	0	1	83.3	81.4	37.1	35.3	0	0
144943	15236	304	0.951	-0.2	0.4	310.8	0	1	83.1	81.5	37.1	35.3	0	0
144944	15220	303.5	0.972	-0.2	0	310.8	0	1	83.1	81.5	37.1	35.3	0	0
144945	15208	304	1.013	0	0	310.8	0	1	83.3	81.4	37.1	35.3	0	0
144946	15188	303	1.004	0.1	0	310.8	0	1	83.3	81.4	37.1	35.3	0	0
144947	15168	303.5	1.008	0.1	-0.3	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144948	15156	303.5	0.951	0.1	-0.3	310.8	0	1	83.3	81.5	37.1	35.3	0	0
144949	15140	303.5	0.951	0	-0.3	310.4	0	1	83.1	81.5	37.1	35.3	0	0
144950	15124	304	0.979	0	0	310.8	0	1	83.1	81.5	35.2	35.3	0	0
144951	15104	304	0.951	0	0	310.8	0	1	83	81.4	35.2	35	0	0
144952	15088	303.5	0.967	0	0	310.8	0	1	83	81.4	41.4	35	0	0
144953	15072	303.5	0.999	0	0	310.8	0	1	82.8	80.7	41.4	44.4	0	0
144954	15052	304	0.983	0.1	0	310.8	0	1	82.8	80.7	42.1	44.4	0	0
144955	15036	304	1.013	0.1	0	310.8	0	1	82.6	80.9	42.1	44.9	0	0
144956	15020	303.5	0.979	0.3	-0.3	310.8	0	1	82.6	80.9	42	44.9	0	0
144957	15004	303.5	0.926	0.1	0	310.8	0	1	82.8	80.7	42	43	0	0
144958	14988	303.5	0.967	0	0	310.4	0	1	82.8	80.7	42	43	0	0
144959	14972	303.5	0.963	0	0	310.4	0	1	82.8	80.7	42	43	0	0
144960	14956	303	0.947	0	0	310.8	0	1	82.8	80.7	41.9	43	0	0
144961	14936	303	0.983	0	0	310.4	0	1	82.8	80.6	41.9	43	0	0
144962	14920	303	1.006	0.1	0	310.4	0	1	82.8	80.6	42	43	0	0
144963	14904	302.5	1.011	0.1	0	310.4	0	1	82.6	80.7	42	43	0	0
144964	14884	302.5	0.99	0.1	0	310.4	0	1	82.6	80.7	42	43	0	0
144965	14872	302.5	1.057	0.3	0	310.4	0	1	82.6	80.7	42	43	0	0
144966	14852	302	1.031	0.4	-0.3	310.4	0	1	82.6	80.7	42	43	0	0
144967	14844	302	0.995	0.6	-0.3	310.4	0	1	82.8	80.7	42	43	0	0
144968	14832	301.5	0.965	0.4	-0.3	310.4	0	1	82.8	80.7	42	43	0	0
144969	14820	301.5	0.96	0.3	-0.3	310.4	0	1	82.8	80.9	42	43	0	0
144970	14800	301	0.94	0.3	-0.3	310.4	0	1	82.8	80.9	42	43	0	0
144971	14792	301	0.958	0.3	0	310.4	0	1	82.8	80.7	42	43	0	0
144972	14776	301	0.967	0.3	0	310.4	0	1	82.8	80.7	42	43	0	0

144973	14764	300.5	0.999	0.4	0	310.4	0	1	82.6	80.6	42	43	0	0
144974	14752	300.5	1.029	0.4	-0.3	310.4	0	1	82.6	80.6	42	43	0	0
144975	14736	300	0.992	0.4	0	310.4	0	1	82.8	80.6	42	43	0	0
144976	14728	300	0.958	0.4	0	310.4	0	1	82.8	80.6	42	43	0	0
144977	14716	299.5	0.942	0.3	0	310.4	0	1	82.8	80.7	42	43	0	0
144978	14700	299	0.967	0.3	-0.3	310.4	0	1	82.8	80.7	42	43	0	0
144979	14688	298.5	0.967	0.3	-0.3	310.4	0	1	82.8	80.6	42	43	0	0
144980	14676	298.5	0.958	0.1	0	310.4	0	1	82.8	80.6	42	43	0	0
144981	14656	298.5	0.997	0.3	0	310.4	0	1	82.8	80.7	42	43	0	0
144982	14644	298	0.997	0.4	0	310.4	0	1	82.8	80.7	42	43	0	0
144983	14632	298	0.992	0.4	-0.3	310.4	0	1	82.8	80.7	42	43	0	0
144984	14620	298	0.967	0.4	0	310.4	0	1	82.8	80.7	42	43	0	0
144985	14608	298	0.931	0.3	0	310.4	0	1	82.8	80.7	42	43	0	0
144986	14592	298	0.942	0.3	0	310.4	0	1	82.8	80.7	42	43	0	0
144987	14584	298	0.963	0.3	-0.3	310.4	0	1	82.6	80.6	42	42.8	0	0
144988	14564	297.5	0.981	0.3	-0.3	310.4	0	1	82.6	80.6	42	42.8	0	0
144989	14552	298	0.986	0.3	-0.3	310.4	0	1	82.8	80.7	42	42.8	0	0
144990	14540	297.5	1.015	0.3	0	310.4	0	1	82.8	80.7	42	42.8	0	0
144991	14524	297.5	1.015	0.4	0	310.4	0	1	82.6	80.7	42	42.8	0	0
144992	14508	297.5	0.99	0.4	0	310.4	0	1	82.6	80.7	42	42.8	0	0
144993	14500	297.5	0.97	0.4	0.4	310.4	0	1	82.8	80.7	42	42.8	0	0
144994	14484	297.5	0.935	0.3	0	310.4	0	1	82.8	80.7	42	42.8	0	0
144995	14472	297.5	0.949	0.3	0	310.4	0	1	82.8	80.7	42	42.8	0	0
144996	14456	297	0.976	0.3	0	310.4	0	1	82.8	80.7	42	42.8	0	0
144997	14440	297	0.963	0.3	-0.3	310.4	0	1	82.8	80.9	42	42.8	0	0
144998	14428	297.5	1.004	0.3	-0.3	310.4	0	1	82.8	80.9	41.9	42.8	0	0
144999	14412	297.5	1.008	0.4	-0.3	310.4	0	1	82.8	80.7	41.9	42.8	0	0
145000	14404	297.5	0.983	0.4	-0.3	310.4	0	1	82.8	80.7	41.9	42.8	0	0
145001	14388	297.5	0.988	0.6	0	310.4	0	1	82.6	80.6	41.9	42.8	0	0
145002	14372	297.5	0.942	0.4	0.4	310.4	0	1	82.6	80.6	41.9	42.8	0	0
145003	14364	297	0.933	0.4	0	310.4	0	1	82.8	80.6	41.9	42.8	1	0
145004	14348	297	0.958	0.3	0	310.4	0	1	82.8	80.6	41.9	42.8	0	0
145005	14336	296.5	0.967	0.3	0.4	310.4	0	1	82.8	80.7	41.9	42.8	0	0
145006	14320	296	0.999	0.3	0	310.4	0	1	82.8	80.7	41.9	42.8	0	0
145007	14308	296	1.018	0.4	0	310.4	0	1	82.6	80.6	41.9	42.8	0	0
145008	14292	296	1.004	0.6	0	310.4	0	1	82.6	80.6	41.9	42.8	0	0
145009	14280	296	1.004	0.6	0.4	310.4	0	1	82.8	80.7	41.9	42.8	0	0
145010	14260	295.5	0.963	0.6	0	310.4	0	1	82.8	80.7	41.9	42.8	0	0
145011	14256	295.5	0.937	0.4	0	310.4	0	1	82.8	80.7	41.9	42.8	0	0
145012	14240	295.5	0.963	0.4	0.4	310.4	0	0	82.8	80.7	41.9	42.8	0	0
145013	14224	295.5	0.967	0.4	0.4	310.4	0	0	82.8	80.7	41.9	42.8	0	0
145014	14212	295.5	0.983	0.4	0	310.4	0	0	82.8	80.7	41.9	42.8	0	0
145015	14196	295.5	0.999	0.4	0	310.4	0	0	82.8	80.6	41.9	42.8	0	0
145016	14184	295.5	0.979	0.4	0	310.4	0	0	82.8	80.6	41.9	42.8	0	0
145017	14172	295	0.983	0.6	0	310.4	0	0	82.8	80.7	41.9	42.8	0	0
145018	14152	294.5	1.013	0.6	0	310.4	0	0	82.8	80.7	42	42.8	0	0
145019	14144	294.5	1.004	0.6	0	310.4	0	0	82.8	80.7	42	42.8	0	0
145020	14136	294.5	0.967	0.4	0	310.4	0	0	82.8	80.7	42.5	42.8	0	0
145021	14116	294.5	0.974	0.4	0	310.4	0	0	82.8	80.6	42.5	42.7	0	0
145022	14104	294.5	0.992	0.4	0	310.8	0	0	82.8	80.6	41.6	42.7	0	0
145023	14088	294.5	0.953	0.4	0	310.8	0	0	82.8	80.6	41.6	42.7	0	0
145024	14076	294.5	0.992	0.4	0	310.8	0	0	82.8	80.6	42.2	42.7	0	0
145025	14060	294.5	0.967	0.4	0	310.8	0	0	82.6	80.6	42.2	42.7	0	0
145026	14052	294.5	0.992	0.4	-0.3	310.8	0	0	82.6	80.6	41.9	42.7	0	0
145027	14040	294.5	0.999	0.4	0	310.8	0	0	82.6	80.6	41.9	42.7	0	0
145028	14024	294.5	0.988	0.6	0	310.4	0	0	82.6	80.6	42.1	42.7	0	0
145029	14012	294	0.958	0.4	-0.3	310.4	0	0	82.8	80.7	42.1	42.7	0	0
145030	14000	294	0.942	0.4	0	310.4	0	0	82.8	80.7	42.1	42.7	0	0
145031	13980	294.5	0.963	0.4	0	310.8	0	0	82.6	80.6	42.1	42.7	0	0
145032	13964	294	0.963	0.3	0	310.8	0	0	82.6	80.6	42	42.7	0	0
145033	13956	294.5	0.979	0.3	0	310.8	0	0	82.8	80.6	42	42.7	0	0
145034	13948	294	0.979	0.3	0	310.8	0	0	82.8	80.6	42	42.7	0	0
145035	13932	293.5	0.988	0.4	0	310.8	0	0	82.8	80.6	42	42.7	0	0
145036	13920	294	0.983	0.4	0	310.8	0	0	82.8	80.6	42	42.7	0	0
145037	13900	293.5	0.979	0.4	0	310.8	0	0	82.8	80.6	42	42.7	0	0
145038	13892	293.5	0.947	0.4	0	310.8	0	0	82.8	80.6	42	42.7	0	0
145039	13880	293.5	0.942	0.3	0	310.8	0	0	82.8	80.7	42	42.7	0	0
145040	13868	293.5	0.947	0.3	0	310.8	0	0	82.8	80.7	42	42.7	0	0
145041	13852	293.5	0.974	0.3	0.4	310.8	0	0	82.8	80.7	42	42.7	0	0
145042	13840	293.5	0.979	0.3	0.4	310.8	0	0	82.8	80.7	42	42.7	0	0
145043	13820	293.5	0.988	0.3	0	310.8	0	0	82.8	80.6	42	42.7	0	0

145044	13808	293.5	0.967	0.3	0	310.8	0	0	82.8	80.6	42	42.7	0	0
145045	13792	293.5	0.983	0.3	-0.3	310.8	0	0	82.8	80.7	42	42.7	0	0
145046	13784	293	0.999	0.3	-0.3	310.8	0	0	82.8	80.7	41.9	42.7	0	0
145047	13768	293.5	0.988	0.4	-0.3	310.4	0	0	82.8	80.7	41.9	42.7	0	0
145048	13764	293	0.988	0.4	0	310.4	0	0	82.8	80.7	41.9	42.7	0	0
145049	13740	293	0.97	0.4	0	310.4	0	0	82.8	80.7	41.9	42.7	0	0
145050	13732	293	0.974	0.4	0	310.8	0	0	82.8	80.7	41.9	42.7	0	0
145051	13716	293	0.956	0.3	0.4	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145052	13704	293.5	0.949	0.3	0	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145053	13692	293.5	0.981	0.3	0	310.8	0	0	82.8	80.6	41.9	42.8	0	0
145054	13676	293.5	0.97	0.3	0	310.8	0	0	82.8	80.6	41.9	42.8	0	0
145055	13660	293.5	1.011	0.4	0	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145056	13648	293.5	0.99	0.4	0	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145057	13632	293.5	0.99	0.4	-0.3	310.8	0	0	82.8	80.6	41.9	42.8	0	0
145058	13624	293.5	1.002	0.4	-0.3	310.8	0	0	82.8	80.6	41.9	42.8	0	0
145059	13608	293.5	0.974	0.4	0	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145060	13600	293.5	0.974	0.4	0	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145061	13584	293.5	0.97	0.3	0	310.8	0	0	82.8	80.6	41.9	42.8	0	0
145062	13568	293.5	0.965	0.3	0	310.8	0	0	82.8	80.6	41.9	42.8	0	0
145063	13556	293	0.965	0.3	0	310.8	0	0	82.6	80.6	41.9	42.8	0	0
145064	13540	293	0.986	0.3	0	310.8	0	0	82.6	80.6	41.9	42.8	0	0
145065	13528	293.5	1.006	0.3	0	310.8	0	0	82.6	80.6	41.9	42.8	0	0
145066	13516	293	1.015	0.4	0	310.8	0	0	82.6	80.6	41.9	42.8	0	0
145067	13504	293	1.02	0.4	0	310.8	0	0	82.6	80.7	41.9	42.8	0	0
145068	13484	293	1.015	0.4	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145069	13476	293	0.981	0.4	0	311.1	0	0	82.6	80.6	41.9	42.8	0	0
145070	13464	293	0.94	0.3	0	311.1	0	0	82.6	80.6	41.9	42.8	0	0
145071	13448	293	0.974	0.3	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145072	13436	293	0.96	0.3	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145073	13424	293	0.986	0.3	0	311.1	0	0	82.8	80.6	41.9	42.8	0	0
145074	13408	292.5	1.015	0.3	0	311.1	0	0	82.8	80.6	41.9	42.8	0	0
145075	13396	292.5	1.018	0.4	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145076	13380	292.5	1.013	0.4	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145077	13372	292.5	0.951	0.4	0	311.1	0	0	82.8	80.6	41.9	42.8	0	0
145078	13356	292.5	0.979	0.3	-0.3	311.1	0	0	82.8	80.6	41.9	42.8	0	0
145079	13344	293	0.979	0.3	-0.3	311.1	0	0	82.8	80.7	41.9	42.8	0	0
145080	13328	292.5	0.983	0.3	-0.3	311.1	0	0	82.8	80.7	41.9	42.8	0	0
145081	13316	293	0.999	0.3	-0.3	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145082	13300	293	1.004	0.3	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145083	13284	293	1.004	0.3	0	311.1	0	0	82.6	80.6	41.9	42.8	0	0
145084	13276	293	0.986	0.4	0.4	311.1	0	0	82.6	80.6	41.9	42.8	0	0
145085	13264	293	0.986	0.4	0.4	311.1	0	0	82.8	80.7	41.9	42.8	0	0
145086	13248	293	0.981	0.4	0.4	311.1	0	0	82.8	80.7	41.9	42.8	0	0
145087	13236	293	0.986	0.3	0	311.1	0	0	82.8	80.7	41.9	42.8	0	0
145088	13224	293	0.956	0.3	0	311.1	0	0	82.8	80.7	41.9	42.8	0	0
145089	13208	293	0.97	0.3	0	311.1	0	0	82.8	80.6	41.9	42.8	0	0
145090	13196	293	0.965	0.3	0	311.1	0	0	82.8	80.6	41.9	42.8	0	0
145091	13184	293	0.99	0.3	0	311.1	0	0	82.8	80.9	41.9	42.8	0	0
145092	13168	293	0.983	0.3	-0.3	311.1	0	0	82.8	80.9	41.9	42.8	0	0
145093	13156	293	1.008	0.3	-0.3	311.1	0	0	82.8	80.7	41.9	42.8	0	0
145094	13140	293	0.988	0.3	-0.3	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145095	13132	293	0.979	0.4	-0.3	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145096	13116	293	0.992	0.3	-0.3	310.8	0	0	82.8	80.7	41.9	42.8	0	0
145097	13104	293	0.972	0.3	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145098	13092	293	0.992	0.3	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145099	13076	293	1.004	0.3	0	311.1	0	0	82.8	80.9	41.9	42.8	0	0
145100	13060	293	0.992	0.3	0.4	311.1	0	0	82.8	80.9	41.9	42.8	0	0
145101	13048	293	1.008	0.3	0	311.1	0	0	83	80.7	41.9	42.8	0	0
145102	13040	293	0.988	0.3	0	311.1	0	0	83	80.7	41.9	42.8	0	0
145103	13024	293	0.988	0.3	0	311.1	0	0	82.8	80.6	41.9	42.8	0	0
145104	13012	293	0.983	0.3	0.4	311.1	0	0	82.8	80.6	41.9	42.8	0	0
145105	12996	293	0.992	0.3	0	311.1	0	0	82.8	80.9	41.9	42.8	0	0
145106	12980	293.5	0.983	0.3	-0.3	311.1	0	0	82.8	80.9	41.9	42.8	0	0
145107	12972	293.5	0.999	0.3	-0.3	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145108	12960	293.5	0.967	0.3	-0.3	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145109	12940	293.5	0.963	0.3	0	311.1	0	0	82.6	80.7	41.9	42.8	0	0
145110	12936	293.5	0.983	0.3	0	311.1	1	0	82.6	80.7	41.9	42.8	0	0
145111	12916	293.5	0.974	0.3	0	311.1	1	0	82.8	80.7	41.9	42.8	0	1
145112	12904	293	0.958	0.3	0	311.1	1	0	82.8	80.7	41.9	42.8	0	1
145113	12892	293	0.979	0.3	0	311.1	1	0	82.6	80.7	41.9	42.8	0	1
145114	12876	293	0.967	0.3	0	311.1	1	0	82.6	80.7	41.9	42.8	0	1

145115	12860	293	0.992	0.3	0	311.1	1	0	82.6	80.7	41.9	42.8	0	1
145116	12848	293	0.999	0.3	0	311.1	1	0	82.6	80.7	41.9	42.8	0	1
145117	12832	293	1.008	0.3	0	311.1	1	0	82.8	80.7	41.9	42.8	0	1
145118	12820	293	1.015	0.4	0	311.1	1	0	82.8	80.7	41.9	42.8	0	1
145119	12808	292.5	0.974	0.4	0	311.1	1	0	82.8	80.6	41.9	42.7	0	1
145120	12792	292.5	1.006	0.4	0	311.1	1	0	82.8	80.6	41.9	42.7	0	1
145121	12784	292.5	0.97	0.4	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145122	12768	292.5	0.986	0.4	-0.3	310.8	1	0	82.8	80.7	41.8	42.7	0	1
145123	12756	292.5	0.995	0.4	-0.3	310.8	1	0	82.6	80.6	41.8	42.7	0	1
145124	12744	292.5	0.96	0.4	0	310.8	1	0	82.6	80.6	41.9	42.7	0	1
145125	12728	292	0.96	0.3	0	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145126	12712	292	0.96	0.3	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145127	12696	292	1.002	0.3	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145128	12692	292	0.986	0.3	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145129	12676	292	0.976	0.3	-0.3	310.8	1	0	82.8	80.9	41.9	42.7	0	1
145130	12664	292	0.99	0.3	0	310.8	1	0	82.8	80.9	41.8	42.7	0	1
145131	12652	292	0.976	0.3	0	310.8	1	0	82.8	80.9	41.8	42.7	0	1
145132	12636	292	0.995	0.3	0	310.8	1	0	82.8	80.9	41.8	42.7	0	1
145133	12620	292	0.97	0.3	0.4	310.8	1	0	82.6	80.9	41.8	42.7	0	1
145134	12612	292	0.99	0.3	0.4	310.8	1	0	82.6	80.9	41.8	42.7	0	1
145135	12596	292	0.976	0.3	0.4	311.1	1	0	82.8	80.7	41.8	42.7	0	1
145136	12584	292	0.983	0.3	0	311.1	1	0	82.8	80.7	41.8	42.7	0	1
145137	12568	292	0.963	0.3	0	311.1	1	0	82.8	80.7	41.8	42.7	0	1
145138	12568	292	0.967	0.3	0	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145139	12556	292.5	0.963	0.3	-0.3	310.8	1	0	82.6	80.7	41.9	42.7	0	1
145140	12540	292.5	0.972	0.3	-0.3	310.8	1	0	82.6	80.7	41.9	42.7	0	1
145141	12524	292.5	0.979	0.3	-0.3	310.8	1	0	82.8	80.9	41.9	42.7	0	1
145142	12508	292.5	0.967	0.3	-0.3	310.8	1	0	82.8	80.9	41.9	42.7	0	1
145143	12496	292.5	0.979	0.3	-0.3	310.8	1	0	82.6	80.7	41.9	42.7	0	1
145144	12480	292.5	0.972	0.3	-0.3	310.8	1	0	82.6	80.7	41.9	42.7	0	1
145145	12468	292.5	0.983	0.3	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145146	12444	292.5	0.983	0.3	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145147	12428	292.5	0.972	0.3	-0.3	310.8	1	0	82.6	80.7	41.9	42.7	0	1
145148	12424	292.5	0.999	0.3	-0.3	310.8	1	0	82.6	80.7	41.9	42.7	0	1
145149	12408	292.5	1.004	0.3	0	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145150	12392	292.5	0.988	0.4	0	310.8	1	0	82.8	80.7	41.9	42.7	0	1
145151	12380	292.5	0.972	0.4	0	310.4	1	0	82.6	80.9	41.9	42.7	0	1
145152	12364	292.5	0.979	0.4	0	310.4	1	0	82.6	80.9	41.9	42.7	0	1
145153	12352	292.5	0.986	0.3	0	310.4	1	0	82.8	80.7	41.9	42.7	0	1
145154	12340	292	0.949	0.3	0	310.4	1	0	82.8	80.7	41.8	42.7	0	1
145155	12324	292	0.96	0.3	-0.3	310.4	1	0	82.8	80.9	41.8	42.7	0	1
145156	12312	292	1.006	0.4	-0.3	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145157	12300	291.5	1.011	0.4	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145158	12288	292	0.995	0.4	0	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145159	12272	291.5	0.995	0.4	0	310.8	1	0	82.8	80.9	41.9	42.7	0	0
145160	12260	291.5	0.976	0.4	0	310.8	1	0	82.8	80.9	41.9	42.7	0	0
145161	12244	291.5	0.965	0.4	0	310.8	1	0	82.6	80.7	41.9	42.7	0	0
145162	12228	291	0.988	0.4	0	310.8	1	0	82.6	80.7	41.9	42.7	0	0
145163	12220	291	0.972	0.4	0	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145164	12208	291	0.983	0.4	0	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145165	12192	291	1.004	0.4	0	310.8	1	0	82.6	80.7	41.9	42.7	0	0
145166	12180	291	0.988	0.4	0	310.8	1	0	82.6	80.7	41.9	42.7	0	0
145167	12160	291	0.988	0.4	0	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145168	12156	290.5	0.967	0.4	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145169	12136	291	0.988	0.3	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145170	12124	291	1.002	0.3	-0.3	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145171	12112	291	0.981	0.3	0	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145172	12096	291	0.974	0.3	0	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145173	12088	291	0.974	0.3	0	310.8	1	0	82.8	80.9	41.9	42.7	0	0
145174	12068	291	0.965	0.3	0	310.8	1	0	82.8	80.9	41.9	42.7	0	0
145175	12056	290.5	0.99	0.3	0	310.8	1	0	82.8	80.9	41.9	42.7	0	0
145176	12044	290.5	0.986	0.3	0	310.8	1	0	82.8	80.9	41.9	42.7	0	0
145177	12032	290.5	0.96	0.3	0	310.8	1	0	82.8	80.7	41.9	42.7	0	0
145178	12016	290.5	0.974	0.3	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145179	12004	290.5	0.965	0.3	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145180	11992	290.5	0.965	0.3	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145181	11976	290.5	1.011	0.3	0	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145182	11968	290.5	0.981	0.3	0	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145183	11952	291	0.99	0.4	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145184	11936	291	1.002	0.4	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145185	11924	290.5	0.976	0.4	-0.3	310.4	1	0	82.6	80.9	41.9	42.7	0	0

145186	11912	290.5	0.965	0.3	-0.3	310.4	1	0	82.6	80.9	41.9	42.7	0	0
145187	11900	290	0.96	0.3	-0.3	310.4	1	0	82.6	80.9	41.9	42.7	0	0
145188	11888	290	1.047	0.4	-0.3	310.4	1	0	82.6	80.9	41.9	42.7	0	0
145189	11880	290	1.052	0.6	-0.3	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145190	11872	290	1.073	1	-0.3	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145191	11864	289.5	1.047	1.1	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145192	11860	289.5	1.027	1.3	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145193	11856	289.5	0.995	1.3	0	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145194	11852	289	1.002	1.3	0.4	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145195	11848	289	0.981	1.3	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145196	11844	288.5	0.97	1.3	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145197	11840	288	0.99	1.3	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145198	11840	287.5	0.995	1.5	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145199	11836	287	1.006	1.7	-0.3	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145200	11832	286.5	1.036	1.7	0	310.1	1	0	82.8	80.9	41.8	42.7	0	0
145201	11836	286.5	0.995	1.8	0	310.1	1	0	82.8	80.7	41.8	42.7	0	0
145202	11836	286	0.99	1.8	0	310.1	1	0	82.8	80.7	41.8	42.7	0	0
145203	11836	285.5	0.976	1.8	0	310.4	1	0	82.8	80.9	41.8	42.7	0	0
145204	11836	285	0.986	1.8	0	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145205	11836	285	0.988	1.8	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145206	11832	284.5	0.958	1.8	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145207	11836	284.5	0.988	1.7	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145208	11832	284	0.974	1.7	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145209	11836	284	0.983	1.7	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145210	11836	283.5	0.967	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145211	11832	283	0.999	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145212	11836	283	0.983	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145213	11836	282.5	0.983	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145214	11836	282.5	0.963	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145215	11832	282	0.983	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145216	11836	282	0.967	1.8	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145217	11836	282	0.988	1.8	0	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145218	11836	281.5	0.963	1.7	0	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145219	11840	281.5	0.992	1.7	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145220	11836	281.5	0.974	1.7	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145221	11828	281.5	0.983	1.8	0.4	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145222	11832	281	0.976	1.8	0.4	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145223	11832	280.5	0.981	1.8	0.4	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145224	11832	280.5	0.99	1.8	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145225	11836	280.5	0.951	1.8	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145226	11832	280	0.997	1.8	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145227	11836	279.5	0.965	1.8	-0.3	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145228	11832	279.5	0.986	1.8	-0.3	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145229	11836	279	0.981	1.8	-0.3	310.4	1	0	82.6	80.9	41.9	42.7	0	0
145230	11836	278.5	0.99	1.8	-0.3	310.4	1	0	82.6	80.9	41.9	42.7	0	0
145231	11836	278.5	1.002	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145232	11832	278	0.965	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145233	11836	277.5	0.981	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145234	11832	277	0.956	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145235	11832	276.5	0.99	1.8	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145236	11836	276	0.995	2	0	310.4	1	0	82.8	80.7	41.8	42.7	0	0
145237	11836	275.5	0.99	2	0	310.4	1	0	82.8	80.9	41.8	42.7	0	0
145238	11828	275.5	1.031	2.2	0	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145239	11836	275	1.011	2.4	0	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145240	11832	275	0.963	2.2	0	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145241	11832	275	0.967	2.2	0	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145242	11840	274.5	0.933	2	0.4	310.4	1	0	82.6	80.7	41.9	42.7	0	0
145243	11840	274.5	0.942	2	0	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145244	11832	274	0.967	1.8	0	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145245	11832	274	0.972	1.8	0	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145246	11836	273.5	1.013	2	0	310.4	1	0	82.8	80.9	41.9	42.7	0	0
145247	11840	273.5	0.983	2	0	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145248	11836	273	1.004	2	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145249	11832	273	0.963	2	-0.3	310.4	1	0	82.8	80.7	41.9	42.7	0	0
145250	11840	273	0.942	2	-0.3	310.4	1	0	82.8	80.7	42.4	42.7	0	0
145251	11840	273	0.963	2	-0.3	310.1	1	0	85	83.8	42.4	43.1	0	0
145252	11844	273	0.992	2	0	310.1	1	0	85	83.8	42.2	43.1	0	0
145253	11844	273.5	0.992	2	0	310.1	1	0	85.2	84.2	42.2	42.8	0	0
145254	11848	274	0.942	2	-0.3	310.1	1	0	85.2	84.2	42	42.8	0	0
145255	11844	274.5	0.947	1.8	-0.3	310.1	1	0	85.2	84.2	42	42.7	0	0
145256	11844	275	0.963	1.8	-0.3	310.1	1	0	85.2	84.2	41.8	42.7	0	0

145257	11844	275	0.97	1.7	0	310.4	1	0	86.8	85.2	41.8	42.7	0	0
145258	11844	276	0.995	1.8	0	310.4	1	0	86.8	85.2	42	42.7	0	0
145259	11840	277	0.986	1.8	0	310.4	1	0	88.2	86.3	42	42.6	0	0
145260	11848	278	1.002	1.8	0	310.4	1	0	88.2	86.3	42.2	42.6	0	0
145261	11848	279	0.986	1.8	0	310.4	1	0	88.7	86.5	42.2	42.5	0	0
145262	11844	280.5	0.956	1.7	0	310.8	1	0	88.7	86.5	42	42.5	0	0
145263	11844	281.5	0.944	1.5	0	310.8	1	0	88.9	86.9	42	42.2	0	0
145264	11844	283	0.976	1.5	-0.3	310.8	1	0	88.9	86.9	42	42.2	0	0
145265	11840	284	1.006	1.5	-0.3	310.8	1	0	88.7	86.8	42	42.2	0	0
145266	11844	285.5	1.013	1.7	-0.7	310.8	1	0	88.7	86.8	41.9	42.2	0	0
145267	11840	286.5	1.004	1.7	-0.7	310.4	1	0	88.7	86.9	41.9	42.4	0	0
145268	11848	288	0.999	1.7	-0.7	310.4	1	0	88.7	86.9	41.8	42.4	0	0
145269	11840	289.5	0.958	1.7	-0.7	310.8	1	0	88.7	86.9	41.8	42.4	0	0
145270	11844	290.5	0.951	1.5	-0.7	310.8	1	0	88.7	86.9	41.8	42.4	0	0
145271	11840	291.5	0.933	1.3	-0.7	310.8	1	0	88.9	86.9	41.8	42.2	0	0
145272	11840	292.5	0.972	1.3	-0.7	310.4	1	0	88.9	86.9	41.8	42.2	0	0
145273	11840	294	0.979	1.3	-0.7	310.4	1	0	88.7	86.9	41.8	42.4	0	0
145274	11840	294.5	0.999	1.5	-0.7	310.4	1	0	88.7	86.9	41.8	42.4	0	0
145275	11836	296.5	1.013	1.5	-0.7	310.4	1	0	88.7	86.9	41.8	42.5	0	0
145276	11832	297.5	1.024	1.7	-0.7	310.4	1	0	88.7	86.9	41.8	42.5	0	0
145277	11840	298	0.979	1.7	-0.7	310.4	1	0	88.4	87.1	41.8	42.5	0	0
145278	11840	299	0.967	1.7	-0.7	310.4	1	0	88.4	87.1	41.5	42.5	0	0
145279	11836	300	0.937	1.5	-0.7	310.4	1	0	88.1	86.9	41.5	42.5	0	0
145280	11836	301	0.958	1.5	-0.7	310.4	1	0	88.1	86.9	41.6	42.5	0	0
145281	11836	301.5	0.988	1.5	-0.3	310.4	1	0	88.1	86.9	41.6	42.5	0	0
145282	11836	302.5	0.983	1.5	-0.7	310.4	1	0	88.1	86.9	41.8	42.5	0	0
145283	11836	303	1.006	1.5	-0.7	310.4	1	0	88.1	87.1	41.8	42.5	0	0
145284	11836	304	0.995	1.5	-0.7	310.1	1	0	88.1	87.1	42.1	42.5	0	0
145285	11836	304.5	0.97	1.5	-0.3	310.1	1	0	89.2	87.3	42.1	43.9	0	0
145286	11836	305.5	0.99	1.5	0	310.1	1	0	89.2	87.3	42.1	43.9	0	0
145287	11836	306.5	0.928	1.3	-0.3	310.1	1	0	88.2	87.7	42.1	43.1	0	0
145288	11836	307.5	0.949	1.1	-0.7	310.1	1	0	88.2	87.7	41.8	43.1	0	0
145289	11832	308	0.981	1.3	-0.3	310.1	1	0	88.1	87.6	41.8	43	0	0
145290	11836	309.5	1.011	1.3	0	310.1	1	0	88.1	87.6	41.9	43	0	0
145291	11832	310	1.027	1.3	0	310.1	1	0	88.2	87.4	41.9	42.8	0	0
145292	11832	311	0.99	1.3	0	310.1	1	0	88.2	87.4	42	42.8	0	0
145293	11836	312	0.96	1.3	-0.3	310.1	1	0	88.4	87.4	42	42.7	0	0
145294	11836	313	1.011	1.3	0	310.1	1	0	88.4	87.4	42	42.7	0	0
145295	11840	314	0.981	1.3	0.4	310.4	1	0	88.9	87.6	42	42.6	0	0
145296	11840	314.5	0.976	1.3	0	310.4	1	0	88.9	87.6	42.1	42.6	0	0
145297	11836	315.5	0.965	1.1	0	310.4	1	0	88.2	87.7	42.1	42.7	0	0
145298	11836	316.5	0.965	1.1	0	310.1	1	0	88.2	87.7	41.9	42.7	0	0
145299	11836	316.5	0.986	1.1	-0.3	310.1	1	0	88.1	88.1	41.9	43	0	0
145300	11840	317.5	0.974	1.1	0	310.1	1	0	88.1	88.1	41.9	43	0	0
145301	11836	318.5	0.999	1.1	0	310.1	1	0	88.2	88.1	41.9	43	0	0
145302	11836	319	0.967	1.1	0	310.1	1	0	88.2	88.1	41.9	43	0	0
145303	11840	319	0.992	1.1	0.4	310.1	1	0	89.3	88.2	41.9	43	0	0
145304	11840	320.5	0.983	1.1	0	310.1	1	0	89.3	88.2	42.1	43	0	0
145305	11836	320.5	0.988	1.1	0.4	310.1	1	0	88.9	88.4	42.1	43	0	0
145306	11836	322.5	0.958	1.1	0	310.1	1	0	88.9	88.4	41.8	43	0	0
145307	11840	322.5	0.988	1.1	0.4	310.1	1	0	88.5	88.5	41.8	42.8	0	0
145308	11836	324	0.963	1.1	0	310.1	1	0	88.5	88.5	41.8	42.8	0	0
145309	11836	324.5	0.972	1.1	0	310.1	1	0	88.5	88.7	41.8	42.8	0	0
145310	11836	325	0.972	1.1	0.4	310.1	1	0	88.5	88.7	42	42.8	0	0
145311	11840	326	1.008	1.1	0.4	310.1	1	0	89.7	88.7	42	42.8	0	0
145312	11840	327	0.963	1.1	0.7	310.1	1	0	89.7	88.7	42	42.8	0	0
145313	11836	327.5	0.983	1.1	0.4	310.1	1	0	88.4	88.1	42	42.6	0	0
145314	11836	328.5	1.008	1.1	0.4	310.1	1	0	88.4	88.1	41.8	42.6	0	0
145315	11832	328.5	0.942	1.1	0	310.1	1	0	88.1	87.9	41.8	42.6	0	0
145316	11836	330	0.967	1.1	0.4	310.1	1	0	88.1	87.9	41.8	42.6	0	0
145317	11836	330	0.999	1.1	0.7	310.1	1	0	88.1	87.7	41.8	42.6	0	0
145318	11832	331	0.981	1.3	0.4	310.1	1	0	88.1	87.7	41.9	42.6	0	0
145319	11836	331.5	0.99	1.3	0.4	310.1	1	0	88.1	87.7	41.9	42.6	0	0
145320	11832	331.5	0.981	1.3	0.4	310.1	1	0	88.1	87.7	41.9	42.6	0	0
145321	11840	332	0.995	1.1	0.4	310.1	1	0	87.7	87.6	41.9	42.6	0	0
145322	11836	332	0.97	1.1	0.4	310.1	1	0	87.7	87.6	41.8	42.6	0	0
145323	11836	332.5	0.981	1.3	0.4	309.7	1	0	87.7	87.3	41.8	42.6	0	0
145324	11836	332.5	0.96	1.1	0.4	309.7	1	0	87.7	87.3	41.8	42.6	0	0
145325	11836	333	0.944	1.1	0.4	309.7	1	0	87.6	87.1	41.8	42.6	0	0
145326	11836	333	0.992	1.1	0.4	309.7	1	0	87.6	87.1	41.8	42.6	0	0
145327	11840	333.5	0.967	1.1	0.4	309.7	1	0	87.6	86.9	41.8	42.6	0	0

145328	11836	333.5	0.976	1.1	0.4	310.1	1	0	87.6	86.9	41.8	42.6	0	0
145329	11832	334	0.963	1.1	0.4	310.1	1	0	87.4	86.9	41.8	42.7	0	0
145330	11836	334	1.004	1.1	0.4	310.1	1	0	87.4	86.9	41.8	42.7	0	0
145331	11836	334.5	0.976	1.1	0.4	310.1	1	0	87.3	86.9	41.8	42.7	0	0
145332	11836	334.5	1.004	1.3	0.7	310.1	1	0	87.3	86.9	41.8	42.7	0	0
145333	11836	334.5	0.958	1.1	0.7	310.1	1	0	86.9	86.8	41.8	42.6	0	0
145334	11836	334.5	1.004	1.1	0.4	310.1	1	0	86.9	86.8	41.8	42.6	0	0
145335	11840	335.5	0.965	1.1	0.4	310.1	1	0	86.9	86.6	41.8	42.6	0	0
145336	11836	335	0.99	1.1	0.4	310.1	1	0	86.9	86.6	41.8	42.6	0	0
145337	11836	335	0.97	1.1	0.4	310.1	1	0	86.8	86.6	41.8	42.6	0	0
145338	11844	335	0.981	1.1	0	310.1	1	0	86.8	86.6	41.8	42.6	0	0
145339	11840	335.5	0.94	1	0.4	310.1	1	0	86.8	86.6	41.8	42.6	0	0
145340	11836	335	1.006	1.1	0	310.1	1	0	86.8	86.6	41.8	42.6	0	0
145341	11836	335	0.974	1.1	0.4	310.1	1	0	86.8	86.5	41.8	42.6	0	0
145342	11836	335	0.986	1	0.7	310.1	1	0	86.8	86.5	41.8	42.6	0	0
145343	11836	334.5	0.986	1.1	0.4	310.1	1	0	86.8	86.3	41.8	42.7	0	0
145344	11840	335.5	0.992	1.1	0.4	310.1	1	0	86.8	86.3	41.9	42.7	0	0
145345	11836	335.5	1.013	1.1	0.4	310.1	1	0	86.9	86.3	41.9	42.7	0	0
145346	11836	335.5	0.972	1.1	0.4	310.1	1	0	86.9	86.3	41.9	42.7	0	0
145347	11836	335.5	0.947	1.1	0.7	310.1	1	0	86.9	86.5	41.9	42.7	0	0
145348	11840	335.5	0.979	1.1	0.7	310.1	1	0	86.9	86.5	41.9	42.7	0	0
145349	11840	335.5	0.979	1.1	0.7	310.1	1	0	86.8	86.3	41.9	42.7	0	0
145350	11840	335.5	1.004	1.1	0.7	310.1	1	0	86.8	86.3	41.9	42.7	0	0
145351	11836	335	0.992	1.1	0.7	310.1	1	0	86.6	86.3	41.9	42.7	0	0
145352	11836	335	0.956	1.1	0.4	310.1	1	0	86.6	86.3	41.9	42.7	0	0
145353	11836	334.5	1.002	1.1	0.4	310.1	1	0	86.6	86.3	41.9	42.7	0	0
145354	11840	334.5	1.02	1.1	0.4	310.1	1	0	86.6	86.3	41.9	42.7	0	0
145355	11840	335	0.981	1.1	0.4	310.1	1	0	86.6	86.1	41.9	42.6	0	0
145356	11840	334.5	0.995	1.1	0.7	310.1	1	0	86.6	86.1	41.9	42.6	0	0
145357	11836	334	0.974	1.1	0.4	310.1	1	0	86.9	86.3	41.9	42.7	0	0
145358	11836	334	0.974	1.1	0.4	310.1	1	0	86.9	86.3	41.9	42.7	0	0
145359	11844	334.5	1.006	1.1	0.4	310.1	1	0	87.1	86.3	41.9	42.8	0	0
145360	11840	334.5	0.995	1.1	0.4	310.1	1	0	87.1	86.3	42	42.8	0	0
145361	11836	334	0.986	1.1	0.4	310.1	1	0	87.1	86.5	42	42.8	0	0
145362	11840	333.5	0.965	1.1	0.4	310.1	1	0	87.1	86.5	42	42.8	0	0
145363	11840	334.5	0.99	1.1	0.4	310.1	1	0	87.1	86.3	42	42.8	0	0
145364	11840	334.5	1.002	1.1	0	310.1	1	0	87.1	86.3	42	42.8	0	0
145365	11836	334.5	0.97	1.1	0.4	310.1	1	0	87.1	86.5	42	42.8	0	0
145366	11836	334.5	0.97	1.1	0.4	310.1	1	0	87.1	86.5	42	42.8	0	0
145367	11836	334.5	0.986	1.1	0.4	310.1	1	0	86.8	86.5	42	42.8	0	0
145368	11840	334.5	0.981	1.1	0	310.1	1	0	86.8	86.5	42	42.8	0	0
145369	11840	335	1.02	1.1	0.4	310.1	1	0	86.8	86.5	42	42.8	0	0
145370	11840	335	0.96	1.1	0.4	310.1	1	0	86.8	86.5	41.9	42.8	0	0
145371	11840	335	0.981	1.1	0	310.1	1	0	86.8	86.6	41.9	42.8	0	0
145372	11840	335	0.976	1.1	0.4	310.1	1	0	86.8	86.6	41.9	42.8	0	0
145373	11844	335	0.99	1.1	0.7	310.1	1	0	86.6	86.6	41.9	42.8	0	0
145374	11836	335.5	0.997	1.1	0.4	309.7	1	0	86.6	86.6	41.8	42.8	0	0
145375	11836	335	0.951	1	0	310.1	1	0	86.6	86.5	41.8	42.8	0	0
145376	11836	335.5	0.965	1.1	0.7	310.1	1	0	86.6	86.5	41.8	42.8	0	0
145377	11832	334.5	0.976	1	0.4	310.1	1	0	86.6	86.5	41.8	42.8	0	0
145378	11836	334.5	1.013	1.1	0.4	310.1	1	0	86.6	86.5	41.8	42.8	0	0
145379	11840	335.5	1.013	1.1	0.4	309.7	1	0	86.6	86.5	41.8	42.8	0	0
145380	11840	335.5	0.979	1.1	0.4	309.7	1	0	86.6	86.5	41.9	42.8	0	0
145381	11836	335	1.004	1.1	0.4	309.7	1	0	86.8	86.3	41.9	42.7	0	0
145382	11840	334.5	1.004	1.1	0.7	310.1	1	0	86.8	86.3	41.9	42.7	0	0
145383	11836	334.5	0.992	1.1	0.4	309.7	1	0	86.9	86.5	41.9	42.7	0	0
145384	11832	334	1.024	1.1	0.4	309.7	1	0	86.9	86.5	41.9	42.7	0	0
145385	11836	334	0.983	1.1	0.4	309.7	1	0	86.9	86.5	41.9	42.7	0	0
145386	11840	334	0.979	1.1	0.4	309.7	1	0	86.9	86.5	42	42.7	0	0
145387	11836	334	0.999	1.1	0.7	309.7	1	0	86.9	86.5	42	42.7	0	0
145388	11840	334	0.967	1.1	0.4	309.7	1	0	86.9	86.5	42	42.7	0	0
145389	11844	334	0.979	1.1	0.4	309.7	1	0	87.1	86.5	42	42.7	0	0
145390	11836	334	1.004	1.1	0.7	309.7	1	0	87.1	86.5	42	42.7	0	0
145391	11836	334	0.933	1.1	0.4	309.7	1	0	86.9	86.5	42	42.8	0	0
145392	11836	334	0.988	1.1	0	309.7	1	0	86.9	86.5	42	42.8	0	0
145393	11840	334	0.958	1.1	0.4	309.7	1	0	87.1	86.5	42	42.8	0	0
145394	11840	334	0.942	1.1	0.4	309.7	1	0	87.1	86.5	42	42.8	0	0
145395	11836	334.5	0.988	1.1	0.7	309.7	1	0	87.1	86.6	42	42.8	0	0
145396	11840	334.5	0.986	1.1	0.7	310.1	1	0	87.1	86.6	42	42.8	0	0
145397	11836	334.5	0.986	1.1	0.7	310.1	1	0	87.1	86.6	42	42.8	0	0
145398	11836	334.5	0.981	1.1	0.4	310.1	1	0	87.1	86.6	42	42.8	0	0

145399	11836	334.5	0.981	1.1	0.4	310.1	1	0	86.9	86.6	42	42.8	0	0
145400	11836	334.5	0.997	1.1	0	309.7	1	0	86.9	86.6	42	42.8	0	0
145401	11840	334.5	0.956	1.1	0	309.7	1	0	86.9	86.5	42	42.8	0	0
145402	11844	334.5	0.976	1.1	0	309.7	1	0	86.9	86.5	42	42.8	0	0
145403	11840	334.5	0.99	1.1	0	309.7	1	0	86.8	86.8	42	42.8	0	0
145404	11836	334.5	0.974	1.1	0.4	309.7	1	0	86.8	86.8	41.9	42.8	0	0
145405	11840	334	0.974	1.1	0.7	309.7	1	0	86.8	86.6	41.9	42.8	0	0
145406	11840	334	0.981	1	0.4	309.7	1	0	86.8	86.6	41.9	42.8	0	0
145407	11836	334	0.956	1.1	0.4	309.7	1	0	86.8	86.6	41.9	42.8	0	0
145408	11836	334	0.974	1.1	0.7	309.7	1	0	86.8	86.6	42	42.8	0	0
145409	11836	334	1.02	1.1	0.4	309.7	1	0	87.1	86.9	42	43	0	0
145410	11840	334	0.99	1.1	0.4	309.7	1	0	87.1	86.9	42	43	0	0
145411	11840	334.5	0.99	1.3	0.4	309.7	1	0	87.1	86.9	42	42.8	0	0
145412	11836	334.5	0.965	1.1	0.4	309.7	1	0	87.1	86.9	42	42.8	0	0
145413	11836	334	0.976	1.1	0.4	309.7	1	0	87.3	86.8	42	42.7	0	0
145414	11840	334.5	0.976	1.1	0.7	309.7	1	0	87.3	86.8	42	42.7	0	0
145415	11836	335	0.972	1.1	0.7	309.7	1	0	87.3	86.8	42	42.7	0	0
145416	11840	334.5	0.997	1.1	0.4	309.7	1	0	87.3	86.8	42	42.7	0	0
145417	11840	334.5	0.972	1.1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145418	11844	335	0.983	1.1	0.7	309.7	1	0	87.1	86.6	42	42.7	0	0
145419	11836	335	1.029	1.1	0.4	309.7	1	0	86.9	86.8	42	42.7	0	0
145420	11840	335	0.988	1.1	0.4	309.7	1	0	86.9	86.8	42	42.7	0	0
145421	11836	334	1.008	1.1	0.7	309.7	1	0	86.8	86.6	42	42.7	0	0
145422	11836	334.5	0.986	1.1	0.4	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145423	11840	334	0.97	1.1	0	309.7	1	0	86.8	86.6	41.9	42.6	0	0
145424	11840	334	0.986	1	0.4	309.7	1	0	86.8	86.6	41.9	42.6	0	0
145425	11836	334	0.995	1.1	0.4	309.7	1	0	87.1	86.6	41.9	42.6	0	0
145426	11836	334	1.002	1.1	0.4	309.7	1	0	87.1	86.6	42	42.6	0	0
145427	11840	334.5	0.965	1.1	0.4	309.7	1	0	87.3	86.6	42	42.7	0	0
145428	11832	334.5	1.006	1.1	0.4	309.7	1	0	87.3	86.6	42.1	42.7	0	0
145429	11840	334.5	0.986	1.1	0.7	309.7	1	0	87.3	86.6	42.1	42.7	0	0
145430	11840	335	0.999	1.1	0.7	309.7	1	0	87.3	86.6	42.1	42.7	0	0
145431	11836	334.5	0.988	1.1	0.7	309.7	1	0	87.3	86.8	42.1	42.7	0	0
145432	11840	334.5	0.967	1.1	0.4	309.7	1	0	87.3	86.8	42.1	42.7	0	0
145433	11840	334.5	0.937	1	0	309.7	1	0	86.9	86.6	42.1	42.7	0	0
145434	11840	335	0.972	1	0.4	310.1	1	0	86.9	86.6	42	42.7	0	0
145435	11836	335	1.008	1.1	0.4	309.7	1	0	86.8	86.8	42	42.7	0	0
145436	11840	334.5	0.972	1.1	0.4	309.7	1	0	86.8	86.8	41.9	42.7	0	0
145437	11836	335.5	0.972	1	0	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145438	11836	335	1.018	1.1	0	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145439	11836	335.5	1.002	1.1	0.4	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145440	11840	335	0.97	1.1	0.4	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145441	11836	335	0.96	1.1	0.4	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145442	11836	335	0.965	1	0.4	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145443	11840	335	0.986	1.1	0.4	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145444	11836	335	0.97	1.1	0.7	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145445	11836	335	0.976	1.1	0.7	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145446	11832	335	0.99	1.1	0.4	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145447	11836	335	0.97	1.1	0.4	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145448	11836	335	0.999	1.1	0.4	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145449	11836	334.5	0.992	1.1	0.4	309.7	1	0	86.9	86.5	41.9	42.6	0	0
145450	11840	334.5	0.983	1.1	0.4	309.7	1	0	86.9	86.5	42	42.6	0	0
145451	11836	334.5	0.972	1.1	0.4	309.7	1	0	87.1	86.6	42	42.6	0	0
145452	11840	334.5	0.992	1.1	0.4	309.7	1	0	87.1	86.6	42	42.6	0	0
145453	11836	334.5	0.972	1.1	0.4	309.7	1	0	87.1	86.5	42	42.6	0	0
145454	11832	334.5	0.963	1.1	0.7	309.7	1	0	87.1	86.5	42	42.6	0	0
145455	11836	334.5	0.979	1.1	0.7	309.7	1	0	87.1	86.5	42	42.7	0	0
145456	11840	334.5	0.974	1.1	0.4	309.7	1	0	87.1	86.5	42	42.7	0	0
145457	11832	334.5	0.974	1.1	0.7	309.7	1	0	87.1	86.5	42	42.7	0	0
145458	11836	334.5	0.974	1.1	0.4	309.7	1	0	87.1	86.5	42	42.7	0	0
145459	11836	334.5	0.979	1.1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145460	11832	334.5	0.999	1.1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145461	11832	334.5	0.963	1.1	0.4	309.7	1	0	86.9	86.6	42	42.7	0	0
145462	11836	335	1.004	1.1	0	309.7	1	0	86.9	86.6	42	42.7	0	0
145463	11836	335	0.992	1.3	0	309.7	1	0	86.9	86.6	42	42.7	0	0
145464	11840	334.5	0.963	1.3	0.4	309.7	1	0	86.9	86.6	42	42.7	0	0
145465	11836	334.5	0.949	1.1	0.4	309.7	1	0	86.9	86.6	42	42.7	0	0
145466	11836	335	0.97	1.1	0.4	309.7	1	0	86.9	86.6	42	42.7	0	0
145467	11840	334.5	0.965	1.1	0.4	309.7	1	0	87.1	86.5	42	42.7	0	0
145468	11840	335	0.976	1.1	0.4	309.7	1	0	87.1	86.5	42	42.7	0	0
145469	11836	335	0.99	1.1	0.7	309.7	1	0	86.9	86.6	42	42.7	0	0

145470	11836	335	0.99	1.1	0.4	309.7	1	0	86.9	86.6	42	42.7	0	0
145471	11840	335.5	1.011	1.1	0.4	309.7	1	0	86.9	86.6	42	42.7	0	0
145472	11832	335	0.956	1.1	0.4	309.7	1	0	86.9	86.6	42	42.7	0	0
145473	11836	334.5	0.956	1.1	0.7	309.7	1	0	86.6	86.6	42	42.7	0	0
145474	11836	335	0.967	1	0.4	309.7	1	0	86.6	86.6	41.9	42.7	0	0
145475	11840	334.5	0.972	1	0.4	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145476	11840	334.5	0.983	1.1	0	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145477	11840	335	1.013	1.1	0	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145478	11836	334.5	0.967	1.1	0.4	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145479	11836	335	0.951	1.1	0.4	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145480	11844	335	0.951	1.1	0.4	309.7	1	0	86.9	86.8	42	42.7	0	0
145481	11840	335	0.951	1.1	0.7	309.7	1	0	87.1	86.8	42	42.7	0	0
145482	11840	335	0.979	1.1	0.7	309.7	1	0	87.1	86.8	42	42.7	1	0
145483	11832	334.5	0.988	1.1	0.7	309.7	1	0	87.1	86.6	42	42.7	0	0
145484	11836	334.5	0.979	1.1	0.7	309.7	1	0	87.1	86.6	42	42.7	0	0
145485	11836	335	0.963	1.1	0.7	309.7	1	0	86.9	86.6	42	42.7	0	0
145486	11832	334.5	0.999	1.1	0.4	309.7	1	0	86.9	86.6	41.9	42.7	0	0
145487	11836	335	0.951	1.1	0.4	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145488	11840	334.5	1.013	1.1	0	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145489	11836	334.5	0.972	1.1	0.4	309.7	1	0	87.1	86.6	41.9	42.7	0	0
145490	11840	334.5	0.963	1.1	0.4	309.7	1	0	87.1	86.6	41.9	42.7	0	0
145491	11844	334.5	0.983	1.1	0.4	309.7	1	0	87.1	86.8	41.9	42.7	0	0
145492	11840	334.5	0.967	1.1	0.4	309.7	1	0	87.1	86.8	41.9	42.7	0	0
145493	11836	334.5	0.983	1	0.7	309.7	1	0	86.9	86.6	41.9	42.7	0	0
145494	11836	334.5	0.967	1.1	0.7	309.7	1	0	86.9	86.6	41.9	42.7	0	0
145495	11836	335	1.004	1.1	0.7	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145496	11836	334.5	1.004	1.3	0.7	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145497	11832	334.5	0.979	1.3	0.4	309.7	1	0	86.9	86.6	41.9	42.7	0	0
145498	11836	334.5	0.967	1.3	0.4	309.7	1	0	86.9	86.6	41.9	42.7	0	0
145499	11836	334.5	1.004	1.3	0.7	309.7	1	0	87.1	86.8	41.9	42.7	0	0
145500	11836	334.5	0.976	1.3	0.4	309.7	1	0	87.1	86.8	42	42.7	0	0
145501	11836	334	0.976	1.1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145502	11840	334.5	0.96	1.1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145503	11840	334.5	0.995	1.1	0	309.7	1	0	87.1	86.9	42	42.8	0	0
145504	11836	334.5	1.002	1.1	0.4	309.7	1	0	87.1	86.9	42	42.8	0	0
145505	11840	334.5	0.981	1.1	0.4	309.7	1	0	87.1	86.8	42	42.8	0	0
145506	11840	334.5	0.981	1.1	0.4	309.7	1	0	87.1	86.8	42	42.8	0	0
145507	11836	334.5	0.976	1.1	0.4	309.7	1	0	87.3	86.9	42	42.7	0	0
145508	11840	334.5	1.011	1.1	0.4	309.7	1	0	87.3	86.9	42	42.7	0	0
145509	11836	334.5	0.97	1.1	0.4	309.7	1	0	87.3	86.9	42	42.7	0	0
145510	11840	334.5	1.006	1.1	0.4	309.7	1	0	87.3	86.9	42	42.7	0	0
145511	11836	335	0.986	1.1	0.7	309.7	1	0	87.1	86.9	42	42.7	0	0
145512	11840	335	0.97	1.1	0.4	309.7	1	0	87.1	86.9	42	42.7	0	0
145513	11840	335	0.965	1.1	0.4	309.7	1	0	87.1	86.8	42	42.7	0	0
145514	11836	335	0.974	1.1	0	309.7	1	0	87.1	86.8	42	42.7	0	0
145515	11836	335	0.974	1.1	0	309.7	1	0	86.8	86.8	42	42.7	0	0
145516	11836	335	0.974	1.1	0.4	309.7	1	0	86.8	86.8	41.9	42.7	0	0
145517	11836	335	0.963	1.1	0.4	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145518	11840	335	0.979	1.1	0.4	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145519	11840	334.5	0.983	1.1	0.7	309.7	1	0	86.8	86.8	41.9	42.7	0	0
145520	11840	334.5	0.963	1.1	0.7	309.7	1	0	86.8	86.8	41.9	42.7	0	0
145521	11840	334.5	0.988	1	0.7	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145522	11836	334.5	0.979	1.1	0.7	309.7	1	0	86.9	86.8	41.9	42.7	0	0
145523	11836	334.5	0.983	1.1	0.7	309.7	1	0	87.1	86.6	41.9	42.7	0	0
145524	11836	335	0.988	1.1	0.7	309.7	1	0	87.1	86.6	42	42.7	0	0
145525	11836	335.5	0.988	1.1	0.7	309.7	1	0	87.1	86.8	42	42.7	0	0
145526	11836	335.5	1.006	1.3	0.4	309.7	1	0	87.1	86.8	42	42.7	0	0
145527	11840	335.5	0.981	1.3	0.4	309.7	1	0	87.1	86.8	42	42.7	0	0
145528	11836	335.5	0.974	1.3	0.4	309.7	1	0	87.1	86.8	42	42.7	0	0
145529	11836	335.5	0.99	1.3	0.4	309.7	1	0	86.8	86.6	42	42.7	0	0
145530	11844	335.5	0.99	1.1	0.4	309.7	1	0	86.8	86.6	41.9	42.7	0	0
145531	11840	335.5	0.974	1.1	0.4	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145532	11840	335.5	0.981	1.1	0.4	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145533	11840	335	0.974	1.1	0.4	309.7	1	0	86.6	86.1	41.9	42.5	0	0
145534	11840	335	0.999	1.1	0.4	309.7	1	0	86.6	86.1	41.8	42.5	0	0
145535	11836	335	0.979	1.1	0.4	309.7	1	0	86.6	86.3	41.8	42.6	0	0
145536	11840	335	0.974	1.1	0.4	309.7	1	0	86.6	86.3	41.8	42.6	0	0
145537	11840	335	0.974	1	0.4	309.7	1	0	86.8	86.3	41.8	42.6	0	0
145538	11844	335	0.979	1	0.4	309.7	1	0	86.8	86.3	41.9	42.6	0	0
145539	11840	334.5	0.983	1	0.7	309.7	1	0	86.9	86.3	41.9	42.6	0	0
145540	11836	334.5	1.004	1.1	0.7	309.7	1	0	86.9	86.3	41.9	42.6	0	0

145541	11840	334.5	0.958	1	0.7	309.7	1	0	87.1	86.5	41.9	42.6	0	0
145542	11840	334.5	0.983	1.1	0.7	309.7	1	0	87.1	86.5	42	42.6	0	0
145543	11840	334.5	1.004	1.1	0.7	309.7	1	0	87.1	86.5	42	42.7	0	0
145544	11836	334.5	1.008	1.1	0.7	309.7	1	0	87.1	86.5	42	42.7	0	0
145545	11836	334.5	0.967	1.1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145546	11844	335	0.967	1.1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145547	11836	334.5	0.992	1.1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145548	11836	334.5	0.979	1	0.4	309.7	1	0	87.1	86.6	42	42.7	0	0
145549	11840	334	0.958	1	0	309.7	1	0	87.1	86.5	42	42.7	0	0
145550	11836	334	0.958	1	0	309.7	1	0	87.1	86.5	42	42.7	0	0
145551	11836	334	0.974	1	0	309.7	1	0	86.9	86.5	42	42.7	0	0
145552	11840	334	0.96	1	0	309.7	1	0	86.9	86.5	42	42.7	0	0
145553	11836	333.5	0.97	1.1	0	309.7	1	0	87.1	86.9	42	42.8	0	0
145554	11836	333.5	0.995	1.1	0	309.7	1	0	87.1	86.9	42	42.8	0	0
145555	11836	334	0.986	1.1	0.4	309.7	1	0	87.3	87.1	42	42.8	0	0
145556	11836	334	1.006	1.1	0.4	309.7	1	0	87.3	87.1	42	42.8	0	0
145557	11836	334	1.002	1.1	0.4	309.7	1	0	87.3	87.1	42	42.8	0	0
145558	11836	334	0.96	1.1	0.4	309.7	1	0	87.3	87.1	42	42.8	0	0
145559	11836	334	0.976	1.1	0.4	309.7	1	0	87.4	87.3	42	42.8	0	0
145560	11840	334.5	0.937	1.1	0.4	309.7	1	0	87.4	87.3	42	42.8	0	0
145561	11836	335	0.942	1	0.4	309.7	1	0	87.4	86.8	42	42.7	0	0
145562	11840	335	0.983	1.1	0.7	309.7	1	0	87.4	86.8	42	42.7	0	0
145563	11836	335	0.992	1.1	0.7	309.7	1	0	87.1	86.8	42	42.6	0	0
145564	11832	335	1.018	1.1	0.7	309.7	1	0	87.1	86.8	41.9	42.6	0	0
145565	11836	335	0.983	1.1	0.7	309.7	1	0	86.9	86.8	41.9	42.6	0	0
145566	11840	335	0.979	1.1	0.7	309.7	1	0	86.9	86.8	41.8	42.6	0	0
145567	11840	334.5	0.958	1.1	0.7	309.7	1	0	86.8	86.8	41.8	42.6	0	0
145568	11836	334.5	0.963	1	0.4	309.7	1	0	86.8	86.8	41.8	42.6	0	0
145569	11836	334.5	0.951	1	0.4	309.7	1	0	86.9	86.6	41.8	42.6	0	0
145570	11836	334.5	0.972	1.1	0.4	309.7	1	0	86.9	86.6	41.9	42.6	0	0
145571	11836	334.5	1.004	1.1	0.4	309.7	1	0	87.1	86.6	41.9	42.6	0	0
145572	11840	334	0.972	1.1	0.4	309.7	1	0	87.1	86.6	42	42.6	0	0
145573	11836	334.5	0.972	1.1	0.4	309.7	1	0	87.3	86.8	42	42.6	0	0
145574	11836	334.5	0.997	1.3	0.4	309.7	1	0	87.3	86.8	42	42.6	0	0
145575	11840	334.5	0.972	1.3	0.4	309.7	1	0	87.3	86.8	42	42.6	0	0
145576	11836	334.5	0.976	1.1	0.4	309.7	1	0	87.3	86.8	42	42.6	0	0
145577	11836	334.5	0.951	1.1	0.7	309.7	1	0	87.3	86.8	42	42.6	0	0
145578	11836	334.5	1.002	1.1	0.7	309.7	1	0	87.3	86.8	42	42.6	0	0
145579	11836	335	1.002	1.1	0.7	309.7	1	0	87.1	86.8	42	42.6	0	0
145580	11836	335	0.99	1.1	0.7	309.7	1	0	87.1	86.8	41.9	42.6	0	0
145581	11836	335	0.99	1.1	0.4	309.7	1	0	86.9	86.8	41.9	42.6	0	0
145582	11836	335	0.986	1.1	0.4	309.7	1	0	86.9	86.8	41.9	42.6	0	0
145583	11840	335	0.981	1.1	0.4	309.7	1	0	86.8	86.8	41.9	42.6	0	0
145584	11840	334.5	0.995	1.1	0	309.7	1	0	86.8	86.8	41.9	42.6	0	0
145585	11836	334.5	0.96	1.1	0	309.7	1	0	86.9	86.8	41.9	42.6	0	0
145586	11840	334.5	0.965	1	0	309.7	1	0	86.9	86.8	41.9	42.6	0	0
145587	11840	335	0.97	1	0	309.7	1	0	86.9	86.8	41.9	42.6	0	0
145588	11836	335	1.002	1.1	0.4	309.4	1	0	86.9	86.8	41.9	42.6	0	0
145589	11836	335	1.002	1.1	0.4	309.4	1	0	87.1	86.8	41.9	42.6	0	0
145590	11836	335	0.99	1.1	0.7	309.4	1	0	87.1	86.8	41.9	42.6	0	0
145591	11832	335	0.981	1.1	0.7	309.4	1	0	87.1	86.8	41.9	42.6	0	0
145592	11836	335.5	0.99	1.1	0.7	309.4	1	0	87.1	86.8	41.9	42.6	0	0
145593	11840	335.5	0.986	1.1	0.7	309.4	1	0	87.1	86.6	41.9	42.6	0	0
145594	11836	335.5	1.002	1.1	0.4	309.4	1	0	87.1	86.6	41.9	42.6	0	0
145595	11840	335.5	0.956	1.1	0.4	309.7	1	0	86.9	86.6	41.9	42.6	0	0
145596	11836	335	0.965	1	0.4	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145597	11836	335	0.974	1	0.4	309.4	1	0	86.8	86.6	41.9	42.5	0	0
145598	11836	335	0.97	1	0.4	309.4	1	0	86.8	86.6	41.9	42.5	0	0
145599	11836	335	0.99	1	0.4	309.4	1	0	86.9	86.6	41.9	42.5	0	0
145600	11836	335	0.995	1.1	0.4	309.4	1	0	86.9	86.6	41.9	42.5	0	0
145601	11836	335	1.006	1.1	0.4	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145602	11836	335.5	0.995	1.1	0.4	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145603	11836	335	0.99	1.1	0.7	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145604	11836	335	0.967	1.1	0.7	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145605	11832	335	0.947	1.1	0.7	309.4	1	0	86.9	86.5	41.9	42.7	0	0
145606	11840	335	0.992	1.1	0.7	309.4	1	0	86.9	86.5	41.9	42.7	0	0
145607	11832	335	0.999	1.1	0.7	309.4	1	0	86.8	86.5	41.9	42.7	0	0
145608	11836	335	1.02	1.1	0.7	309.7	1	0	86.8	86.5	41.9	42.7	0	0
145609	11832	335	1.008	1.3	0.7	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145610	11836	335	1.004	1.3	0.7	309.7	1	0	86.8	86.5	41.9	42.6	0	0
145611	11840	335	0.967	1.3	0.4	309.7	1	0	86.9	86.5	41.9	42.6	0	0

145612	11836	335	0.956	1.1	0.4	309.7	1	0	86.9	86.5	41.9	42.6	0	0
145613	11836	334.5	0.949	1.1	0.4	309.7	1	0	86.9	86.5	41.9	42.6	0	0
145614	11832	334.5	0.976	1.1	0.4	309.7	1	0	86.9	86.5	41.9	42.6	0	0
145615	11836	334.5	0.976	1.1	0.4	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145616	11836	335	1.015	1.1	0	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145617	11836	334.5	1.027	1.1	0	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145618	11836	334.5	0.976	1.1	0	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145619	11840	334.5	0.995	1.1	0	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145620	11844	334.5	0.949	1.1	0.4	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145621	11840	334	0.942	1.1	0.4	309.4	1	0	87.1	86.6	41.9	42.7	0	0
145622	11840	334.5	0.958	1.1	0.4	309.4	1	0	87.1	86.6	41.9	42.7	0	0
145623	11836	334	0.979	1.1	0.4	309.4	1	0	87.3	86.6	41.9	42.7	0	0
145624	11836	334.5	1.008	1.1	0.4	309.4	1	0	87.3	86.6	41.9	42.7	0	0
145625	11836	334.5	0.999	1.1	0.7	309.4	1	0	87.1	86.6	41.9	42.7	0	0
145626	11840	334.5	0.988	1.3	0.7	309.4	1	0	87.1	86.6	42	42.7	0	0
145627	11836	334.5	0.967	1.1	0.7	309.4	1	0	87.3	86.8	42	42.7	0	0
145628	11836	334.5	0.967	1.1	0.7	309.4	1	0	87.3	86.8	42	42.7	0	0
145629	11840	334.5	0.988	1.1	0.7	309.4	1	0	87.3	86.9	42	42.7	0	0
145630	11832	334.5	0.958	1.1	0.4	309.4	1	0	87.3	86.9	42	42.7	0	0
145631	11836	335	0.979	1.1	0.4	309.4	1	0	86.9	86.9	42	42.7	0	0
145632	11840	335	0.972	1.1	0	309.4	1	0	86.9	86.9	41.9	42.7	0	0
145633	11840	335	0.983	1.1	0	309.4	1	0	86.8	86.8	41.9	42.7	0	0
145634	11836	335	0.979	1.1	0	309.4	1	0	86.8	86.8	41.9	42.7	0	0
145635	11840	335	0.958	1.1	0.4	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145636	11836	335	0.972	1.1	0.4	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145637	11844	335	0.972	1.1	0.4	309.4	1	0	86.8	86.8	41.9	42.6	0	0
145638	11836	335	0.963	1.1	0.7	309.4	1	0	86.8	86.8	41.8	42.6	0	0
145639	11836	335	0.979	1.1	0.7	309.4	1	0	86.8	86.6	41.8	42.6	0	0
145640	11832	334.5	0.953	1.1	0.7	309.4	1	0	86.8	86.6	41.8	42.6	0	0
145641	11836	334.5	0.983	1.1	0.7	309.4	1	0	86.9	86.6	41.8	42.6	0	0
145642	11836	334.5	0.983	1.1	0.7	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145643	11836	334	0.979	1.1	0.7	309.4	1	0	87.1	86.6	41.9	42.6	0	0
145644	11836	334.5	0.974	1.1	0.7	309.4	1	0	87.1	86.6	41.9	42.6	0	0
145645	11832	334.5	0.963	1.1	0.4	309.4	1	0	87.1	86.8	41.9	42.6	0	0
145646	11840	334.5	0.963	1.1	0.4	309.4	1	0	87.1	86.8	42	42.6	0	0
145647	11840	334.5	0.958	1.1	0.4	309.4	1	0	87.1	86.8	42	42.6	0	0
145648	11840	334.5	0.942	1.1	0.4	309.4	1	0	87.1	86.8	42	42.6	0	0
145649	11836	335	0.979	1.1	0.4	309.4	1	0	87.3	86.6	42	42.6	0	0
145650	11836	335	0.988	1.1	0	309.4	1	0	87.3	86.6	42	42.6	0	0
145651	11836	335	0.958	1	0	309.4	1	0	86.9	86.6	42	42.6	0	0
145652	11840	334.5	0.992	1.1	0	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145653	11832	335	0.983	1.1	0.4	309.4	1	0	86.9	86.8	41.9	42.6	0	0
145654	11836	335	0.992	1.1	0.4	309.4	1	0	86.9	86.8	41.8	42.6	0	0
145655	11836	335	0.992	1.1	0.4	309.4	1	0	86.9	86.6	41.8	42.6	0	0
145656	11840	335	0.942	1	0.4	309.4	1	0	86.9	86.6	41.8	42.6	0	0
145657	11836	335	0.951	1	0.4	309.4	1	0	86.9	86.8	41.8	42.6	0	0
145658	11832	335	0.958	1	0.4	309.4	1	0	86.9	86.8	41.9	42.6	0	0
145659	11836	335	0.992	1	0.4	309.4	1	0	87.1	86.8	41.9	42.6	0	0
145660	11836	335	0.992	1.1	0.7	309.4	1	0	87.1	86.8	41.9	42.6	0	0
145661	11844	335	1.004	1.1	0.7	309.4	1	0	87.1	86.6	41.9	42.6	0	0
145662	11840	335	0.992	1.1	0.7	309.4	1	0	87.1	86.6	41.9	42.6	0	0
145663	11836	335	0.999	1.1	0.7	309.4	1	0	86.9	86.8	41.9	42.6	0	0
145664	11844	335.5	0.956	1.1	0.7	309.4	1	0	86.9	86.8	41.9	42.6	0	0
145665	11836	335	0.96	1.1	0.7	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145666	11836	335	0.965	1.1	0.4	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145667	11836	335	0.96	1	0.4	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145668	11840	335	0.96	1	0	309.4	1	0	86.9	86.6	41.9	42.6	0	0
145669	11840	335	0.97	1	0	309.4	1	0	86.8	86.6	41.9	42.6	0	0
145670	11836	335	0.981	1	0.4	309.4	1	0	86.8	86.6	41.9	42.6	0	0
145671	11836	335	0.99	1.1	0.4	309.4	1	0	86.9	86.6	41.9	42.5	0	0
145672	11836	335	1.006	1.1	0.4	309.4	1	0	86.9	86.6	41.9	42.5	0	0
145673	11836	335.5	1.011	1.1	0.4	309.4	1	0	86.9	86.5	41.9	42.5	0	0
145674	11828	335	1.006	1.1	0.4	309.4	1	0	86.9	86.5	41.9	42.5	0	0
145675	11836	335	1.002	1.3	0.7	309.4	1	0	86.9	86.5	41.9	42.5	0	0
145676	11840	335	0.986	1.1	0.7	309.4	1	0	86.9	86.5	41.9	42.5	0	0
145677	11840	335	0.974	1.1	0.7	309.4	1	0	86.8	86.5	41.9	42.5	0	0
145678	11836	335	0.99	1.1	0.7	309.4	1	0	86.8	86.5	41.9	42.5	0	0
145679	11840	335	0.974	1.1	0.4	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145680	11832	335	1.02	1.1	0.4	309.4	1	0	86.9	86.5	41.9	42.6	0	0
145681	11836	334.5	1.002	1.1	0.4	309.4	1	0	86.9	86.3	41.9	42.6	0	0
145682	11836	334.5	0.963	1.1	0.4	309.4	1	0	86.9	86.3	41.9	42.6	0	0

145683	11840	334.5	0.967	1.1	0.4	309.4	1	0	86.9	86.3	41.9	42.6	0	0
145684	11836	334.5	0.937	1	0.4	309.4	1	0	86.9	86.3	41.9	42.6	0	0
145685	11836	334.5	0.967	1	0.4	309.4	1	0	87.1	86.5	41.9	42.6	0	0
145686	11836	334.5	1.029	1.1	0.7	309.4	1	0	87.1	86.5	41.9	42.6	0	0
145687	11836	334.5	0.992	1.1	0.7	309.4	1	0	87.1	86.6	41.9	42.7	0	0
145688	11832	334.5	0.999	1.1	0.7	309.4	1	0	87.1	86.6	41.9	42.7	0	0
145689	11836	334.5	0.992	1.3	0.7	309.4	1	0	87.3	86.6	41.9	42.7	0	0
145690	11836	334.5	0.967	1.1	0.4	309.4	1	0	87.3	86.6	42	42.7	0	0
145691	11836	334.5	0.963	1.1	0.4	309.4	1	0	87.1	86.6	42	42.6	0	0
145692	11836	334.5	0.958	1.1	0.4	309.4	1	0	87.1	86.6	42	42.6	0	0
145693	11844	334.5	0.999	1.1	0.4	309.4	1	0	87.1	86.6	42	42.6	0	0
145694	11840	334.5	1.008	1.1	0.4	309	1	0	87.1	86.6	41.9	42.6	0	0
145695	11836	335	1.013	1.1	0	309	1	0	86.9	86.6	41.9	42.6	0	0
145696	11836	334.5	0.992	1.1	0.4	309	1	0	86.9	86.6	41.9	42.6	0	0
145697	11840	335	0.992	1.1	0.4	309	1	0	86.9	86.8	41.9	42.7	0	0
145698	11840	334.5	0.963	1.1	0.4	309	1	0	86.9	86.8	41.9	42.7	0	0
145699	11836	335	0.97	1.1	0.4	309	1	0	86.8	86.8	41.9	42.7	0	0
145700	11840	334.5	0.956	1.1	0.4	309	1	0	86.8	86.8	41.9	42.7	0	0
145701	11836	334.5	0.96	1	0.4	309	1	0	86.9	86.8	41.9	42.6	0	0
145702	11836	335	1.015	1	0.4	309	1	0	86.9	86.8	41.9	42.6	0	0
145703	11840	334.5	1.002	1.1	0.4	309	1	0	86.9	86.8	41.9	42.6	0	0
145704	11840	334.5	0.99	1.1	0.7	309	1	0	86.9	86.8	41.9	42.6	0	0
145705	11836	334.5	0.97	1.1	0.7	309	1	0	86.8	86.6	41.9	42.6	0	0
145706	11840	334.5	0.965	1.1	0.7	309	1	0	86.8	86.6	41.8	42.6	0	0
145707	11836	334	0.96	1	0.7	309	1	0	86.9	86.6	41.8	42.6	0	0
145708	11836	334	0.953	1	0.7	309	1	0	86.9	86.6	41.9	42.6	0	0
145709	11832	334.5	0.983	1	0.7	309	1	0	87.1	86.6	41.9	42.6	0	0
145710	11836	334	0.992	1.1	0.7	309	1	0	87.1	86.6	41.9	42.6	0	0
145711	11836	334	0.983	1.1	0.7	309	1	0	87.3	86.8	41.9	42.6	0	0
145712	11840	334	0.979	1.1	0.7	309	1	0	87.3	86.8	42	42.6	0	0
145713	11836	334	0.967	1.1	0.4	309	1	0	87.3	86.9	42	42.7	0	0
145714	11840	334	0.942	1.1	0.4	309	1	0	87.3	86.9	42	42.7	0	0
145715	11836	334	0.963	1.1	0.4	309	1	0	87.4	87.1	42	42.8	0	0
145716	11832	334.5	0.99	1.1	0.4	309	1	0	87.4	87.1	42	42.8	0	0
145717	11836	334.5	0.981	1.1	0	309	1	0	87.3	86.9	42	42.7	0	0
145718	11836	335	0.995	1.1	0	309	1	0	87.3	86.9	42	42.7	0	0
145719	11840	335	0.965	1.1	0.4	309	1	0	87.3	86.9	42	42.7	0	0
145720	11840	335	0.995	1.1	0.4	309	1	0	87.3	86.9	41.9	42.7	0	0
145721	11840	335	0.981	1.1	0.4	309	1	0	86.9	86.8	41.9	42.5	0	0
145722	11836	335	0.924	1.1	0.7	309	1	0	86.9	86.8	41.8	42.5	0	0
145723	11844	335	0.94	1.1	0.7	309	1	0	86.8	86.6	41.8	42.5	0	0
145724	11836	335	0.96	1	0.7	309	1	0	86.8	86.6	41.8	42.5	0	0
145725	11836	335	0.999	1.1	0.7	309	1	0	86.8	86.8	41.8	42.5	0	0
145726	11836	335	0.974	1.1	0.7	309	1	0	86.8	86.8	41.8	42.5	0	0
145727	11832	335	0.958	1.1	0.7	309	1	0	86.8	86.5	41.8	42.5	0	0
145728	11836	335	0.967	1.1	0.7	309	1	0	86.8	86.5	41.8	42.5	0	0
145729	11836	334.5	0.967	1.1	0.7	309	1	0	86.9	86.6	41.8	42.5	0	0
145730	11836	334.5	0.947	1.1	0.7	309	1	0	86.9	86.6	41.8	42.5	0	0
145731	11840	334.5	0.988	1.1	0.7	309	1	0	87.1	86.5	41.8	42.5	0	0
145732	11832	335	0.979	1.1	0.7	309	1	0	87.1	86.5	41.8	42.5	0	0
145733	11840	335	0.983	1.1	0.4	309	1	0	87.1	86.6	41.8	42.6	0	0
145734	11836	335	0.992	1.1	0.4	309	1	0	87.1	86.6	41.9	42.6	0	0
145735	11836	335	0.992	1.3	0	309	1	0	87.3	86.6	41.9	42.6	0	0
145736	11840	335	1.004	1.3	0.4	309	1	0	87.3	86.6	41.9	42.6	0	0
145737	11836	335	0.967	1.1	0.4	309	1	0	87.1	86.5	41.9	42.6	0	0
145738	11840	334.5	0.951	1.1	0.4	309	1	0	87.1	86.5	41.9	42.6	0	0
145739	11840	334.5	0.972	1.1	0.4	309	1	0	86.9	86.5	41.9	42.5	0	0
145740	11840	334.5	0.979	1.1	0.4	309	1	0	86.9	86.5	41.9	42.5	0	0
145741	11836	334.5	0.992	1.1	0.4	309	1	0	87.1	86.6	41.9	42.5	0	0
145742	11836	335	1.011	1.1	0.4	309	1	0	87.1	86.6	41.9	42.5	0	0
145743	11836	334.5	1.002	1.1	0.7	309	1	0	87.3	86.6	41.9	42.6	0	0
145744	11840	334.5	1.002	1.1	0.7	309	1	0	87.3	86.6	41.9	42.6	0	0
145745	11836	334	0.94	1.1	1.1	309	1	0	87.1	86.6	41.9	42.6	0	0
145746	11840	334.5	0.949	1	0.7	309	1	0	87.1	86.6	41.9	42.6	0	0
145747	11840	334.5	0.97	1	0.7	309	1	0	87.1	86.6	41.9	42.6	0	0
145748	11840	334	0.976	1	0.7	309	1	0	87.1	86.6	41.9	42.6	0	0
145749	11836	334	0.981	1	0.4	309	1	0	87.1	86.6	41.9	42.6	0	0
145750	11836	334	1.006	1.1	0.4	309	1	0	87.1	86.6	41.9	42.6	0	0
145751	11836	334	1.013	1.1	0.4	309	1	0	87.3	86.8	41.9	42.6	0	0
145752	11836	334	0.963	1.1	0.4	309	1	0	87.3	86.8	41.9	42.6	0	0
145753	11836	334	0.947	1.1	0.4	309	1	0	87.3	87.1	41.9	42.7	0	0

145754	11840	334	0.958	1.1	0.4	309	1	0	87.3	87.1	41.9	42.7	0	0
145755	11836	334	0.967	1.1	0.4	309	1	0	87.3	87.1	41.9	42.7	0	0
145756	11836	334.5	0.967	1.1	0.4	309	1	0	87.3	87.1	41.9	42.7	0	0
145757	11832	334.5	0.947	1.1	0.4	309	1	0	87.1	87.1	41.9	42.7	0	0
145758	11836	334.5	0.963	1.1	0.7	309	1	0	87.1	87.1	41.9	42.7	0	0
145759	11836	334.5	0.988	1.1	0.7	309	1	0	87.3	87.1	41.9	42.7	0	0
145760	11840	334.5	0.995	1.1	0.7	309	1	0	87.3	87.1	41.9	42.7	0	0
145761	11836	335	0.986	1.1	0.7	309	1	0	87.1	86.9	41.9	42.6	0	0
145762	11840	335	0.995	1.1	0.7	309	1	0	87.1	86.9	41.9	42.6	0	0
145763	11836	335	0.97	1.1	0.7	309	1	0	87.1	86.8	41.9	42.5	0	0
145764	11840	335	0.956	1.1	0.7	309	1	0	87.1	86.8	41.9	42.5	0	0
145765	11832	335	0.981	1.1	0.7	309	1	0	86.9	86.8	41.9	42.5	0	0
145766	11840	335	0.965	1.1	0.4	309	1	0	86.9	86.8	41.8	42.5	0	0
145767	11832	335	0.976	1.1	0.4	309	1	0	86.9	86.6	41.8	42.5	0	0
145768	11836	335	1.002	1.1	0.4	309	1	0	86.9	86.6	41.8	42.5	0	0
145769	11836	335	0.995	1.3	0.4	309	1	0	86.8	86.8	41.8	42.5	0	0
145770	11840	335.5	0.99	1.3	0.4	309	1	0	86.8	86.8	41.8	42.5	0	0
145771	11836	335.5	0.99	1.3	0.4	309	1	0	86.9	86.8	41.8	42.5	0	0
145772	11840	336	0.976	1.3	0.4	309	1	0	86.9	86.8	41.8	42.5	0	0
145773	11840	336	0.97	1.1	0.4	309	1	0	87.1	86.6	41.8	42.5	0	0
145774	11844	335.5	0.981	1.1	0.7	309	1	0	87.1	86.6	41.8	42.5	0	0
145775	11840	335	0.949	1.1	0.7	309	1	0	86.8	86.6	41.8	42.5	0	0
145776	11840	335	0.965	1.1	0.7	309	1	0	86.8	86.6	41.8	42.5	0	0
145777	11840	335	0.958	1	0.7	309	1	0	86.6	86.5	41.8	42.4	0	0
145778	11836	334.5	0.972	1	0.7	309	1	0	86.6	86.5	41.8	42.4	0	0
145779	11836	334	1.004	1.1	0.7	309	1	0	86.9	86.5	41.8	42.5	0	0
145780	11836	334	1.004	1.1	0.7	309	1	0	86.9	86.5	41.9	42.5	0	0
145781	11840	334	1.013	1.1	1.1	309	1	0	87.3	86.5	41.9	42.6	0	0
145782	11836	334	0.967	1.1	1.1	309	1	0	87.3	86.5	42	42.6	0	0
145783	11840	334	0.988	1.1	0.7	309	1	0	87.3	86.6	42	42.6	0	0
145784	11832	334	0.967	1.1	0.7	309	1	0	87.3	86.6	42	42.6	0	0
145785	11836	334	0.963	1.1	0.7	309	1	0	87.3	86.8	42	42.6	0	0
145786	11836	334	0.997	1.1	0.4	309	1	0	87.3	86.8	42	42.6	0	0
145787	11832	334	0.967	1.1	0	309	1	0	87.3	86.9	42	42.7	0	0
145788	11840	334	0.963	1.1	0	309	1	0	87.3	86.9	42	42.7	0	0
145789	11836	334	0.972	1.1	0.4	309	1	0	87.3	87.1	42	42.7	0	0
145790	11836	334	0.972	1.1	0.4	309	1	0	87.3	87.1	42	42.7	0	0
145791	11840	334.5	0.951	1.1	0.4	309	1	0	87.4	87.1	42	42.7	0	0
145792	11836	334.5	0.967	1.1	0.4	309	1	0	87.4	87.1	42	42.7	0	0
145793	11836	334.5	0.972	1.1	0.4	309	1	0	87.4	87.1	42	42.7	0	0
145794	11836	335	0.988	1.1	0.4	309	1	0	87.4	87.1	42	42.7	0	0
145795	11836	335.5	0.992	1.1	0.4	309	1	0	87.1	87.1	42	42.6	0	0
145796	11840	335.5	0.992	1.1	0.4	309	1	0	87.1	87.1	41.9	42.6	0	0
145797	11836	336	0.976	1.1	0	309	1	0	86.9	86.8	41.9	42.5	0	0
145798	11840	336	0.983	1.1	0.4	309	1	0	86.9	86.8	41.8	42.5	0	0
145799	11836	336	0.992	1.1	0.7	309	1	0	86.8	86.8	41.8	42.5	0	0
145800	11836	335.5	0.988	1.1	0.4	309	1	0	86.8	86.8	41.6	42.5	0	0
145801	11836	336	0.992	1.1	0.4	309	1	0	86.6	86.6	41.6	42.5	0	0
145802	11840	335.5	0.992	1.1	0.7	309	1	0	86.6	86.6	41.6	42.5	0	0
145803	11836	335.5	0.986	1.1	0.7	309	1	0	86.6	86.5	41.6	42.4	0	0
145804	11840	335.5	0.97	1.1	0.7	309	1	0	86.6	86.5	41.6	42.4	0	0
145805	11836	335	0.965	1	0.4	309	1	0	86.6	86.5	41.6	42.5	0	0
145806	11836	335	0.96	1	0.4	308.7	1	0	86.6	86.5	41.8	42.5	0	0
145807	11836	335	0.986	1.1	0.7	309	1	0	86.9	86.3	41.8	42.5	0	0
145808	11832	335	1.002	1.1	0.4	309	1	0	86.9	86.3	41.8	42.5	0	0
145809	11836	334.5	0.965	1.1	0.4	309	1	0	86.9	86.3	41.8	42.5	0	0
145810	11832	334.5	0.986	1.1	0.4	309	1	0	86.9	86.3	41.9	42.5	0	0
145811	11840	334.5	0.96	1.1	0.4	309	1	0	87.1	86.3	41.9	42.6	0	0
145812	11836	334.5	0.96	1.1	0.7	309	1	0	87.1	86.3	42	42.6	0	0
145813	11836	334.5	0.965	1.1	0.7	308.7	1	0	87.3	86.3	42	42.6	0	0
145814	11840	334.5	0.99	1.1	0.7	308.7	1	0	87.3	86.3	42	42.6	0	0
145815	11836	334.5	1.002	1.1	0.7	309	1	0	87.1	86.6	42	42.6	0	0
145816	11836	334.5	1.031	1.1	0.4	309	1	0	87.1	86.6	42	42.6	0	0
145817	11840	334.5	1.002	1.3	0.4	309	1	0	87.3	86.5	42	42.6	0	0
145818	11840	334.5	0.97	1.3	0.4	309	1	0	87.3	86.5	42	42.6	0	0
145819	11840	334.5	0.949	1.1	0.4	309	1	0	87.1	86.6	42	42.6	0	0
145820	11840	334.5	0.96	1.1	0.4	309	1	0	87.1	86.6	41.9	42.6	0	0
145821	11840	335	0.951	1	0.4	309	1	0	86.9	86.8	41.9	42.7	0	0
145822	11836	335	0.96	1	0.4	309	1	0	86.9	86.8	41.9	42.7	0	0
145823	11836	335	0.97	1	0.4	308.7	1	0	86.9	86.8	41.9	42.6	0	0
145824	11840	335	1.011	1	0.4	308.7	1	0	86.9	86.8	41.9	42.6	0	0

145825	11840	335	1.006	1	0.4	308.7	1	0	86.9	86.8	41.9	42.6	0	0
145826	11836	335	0.97	1	0.4	308.7	1	0	86.9	86.8	41.8	42.6	0	0
145827	11840	335	0.986	1	0.7	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145828	11840	334.5	0.981	1	0.7	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145829	11836	334.5	0.979	1	0.7	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145830	11832	334.5	0.972	1	0.7	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145831	11836	334.5	0.992	1	0.7	308.7	1	0	86.9	86.6	41.8	42.6	0	0
145832	11836	334.5	0.958	1.1	0.7	309	1	0	86.9	86.6	41.8	42.6	0	0
145833	11836	334.5	0.992	1.1	0.7	309	1	0	87.1	86.6	41.8	42.6	0	0
145834	11832	334.5	0.999	1.1	0.7	309	1	0	87.1	86.6	41.9	42.6	0	0
145835	11840	334.5	1.008	1.3	0.7	309	1	0	87.3	86.6	41.9	42.6	0	0
145836	11832	335	0.988	1.3	0.7	309	1	0	87.3	86.6	41.9	42.6	0	0
145837	11840	335.5	0.967	1.1	0.7	309	1	0	87.3	86.8	41.9	42.6	0	0
145838	11840	335.5	0.956	1.1	0.4	309	1	0	87.3	86.8	41.9	42.6	0	0
145839	11840	335.5	0.956	1.1	0.4	308.7	1	0	86.9	86.8	41.9	42.6	0	0
145840	11832	335.5	0.965	1.1	0	308.7	1	0	86.9	86.8	41.8	42.6	0	0
145841	11836	335	0.965	1.1	0.4	308.7	1	0	86.6	86.6	41.8	42.6	0	0
145842	11840	335	0.976	1	0.7	308.7	1	0	86.6	86.6	41.6	42.6	0	0
145843	11840	335	0.97	1	0.4	308.7	1	0	86.6	86.6	41.6	42.5	0	0
145844	11836	335	0.981	1.1	0.4	308.7	1	0	86.6	86.6	41.6	42.5	0	0
145845	11836	335	0.99	1.1	0	308.7	1	0	86.8	86.6	41.6	42.5	0	0
145846	11836	334.5	0.992	1.1	0.4	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145847	11840	334.5	0.967	1.1	0.4	308.7	1	0	87.1	86.6	41.8	42.5	0	0
145848	11836	334	0.951	1.1	0.4	308.7	1	0	87.1	86.6	41.9	42.5	0	0
145849	11832	334	0.972	1.1	0.4	308.7	1	0	87.3	86.6	41.9	42.5	0	0
145850	11836	334.5	0.979	1.1	0.7	308.7	1	0	87.3	86.6	42	42.5	0	0
145851	11832	334.5	0.999	1.1	1.1	308.7	1	0	87.3	86.6	42	42.5	0	0
145852	11836	334.5	1.013	1.1	0.7	308.7	1	0	87.3	86.6	42	42.5	0	0
145853	11832	334.5	1.018	1.3	0.4	308.7	1	0	87.3	86.6	42	42.5	0	0
145854	11832	334	0.967	1.3	0.4	308.7	1	0	87.3	86.6	42	42.5	0	0
145855	11836	334	0.974	1.3	0.4	308.7	1	0	87.3	86.9	42	42.6	0	0
145856	11840	334	0.97	1.1	0.4	308.7	1	0	87.3	86.9	41.9	42.6	0	0
145857	11840	334.5	0.956	1.1	0.4	308.7	1	0	87.1	86.9	41.9	42.7	0	0
145858	11840	334.5	0.944	1.1	0.4	308.7	1	0	87.1	86.9	41.9	42.7	0	0
145859	11844	334.5	0.986	1.1	0.7	308.7	1	0	87.1	86.9	41.9	42.7	0	0
145860	11832	334.5	0.97	1.1	0.7	308.7	1	0	87.1	86.9	41.9	42.7	0	0
145861	11836	334.5	0.965	1.1	0.7	308.7	1	0	87.1	86.9	41.9	42.6	0	0
145862	11840	334.5	1.002	1.1	0.7	308.7	1	0	87.1	86.9	41.8	42.6	0	0
145863	11840	334.5	0.981	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145864	11840	334.5	0.988	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145865	11836	335	0.997	1.1	0.7	308.7	1	0	87.1	86.8	41.8	42.5	0	0
145866	11836	335	1.008	1.1	0.7	308.7	1	0	87.1	86.8	41.8	42.5	0	0
145867	11832	335	0.997	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145868	11840	335	0.958	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145869	11836	335	0.951	1.1	0.7	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145870	11840	335	0.947	1.1	0.7	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145871	11832	335	0.942	1.1	0.4	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145872	11836	335	0.992	1.1	0.7	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145873	11836	335	0.999	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145874	11836	335	1.004	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145875	11836	335.5	0.983	1.1	0.7	308.7	1	0	87.1	86.6	41.8	42.5	0	0
145876	11840	335.5	0.999	1.1	0.7	308.7	1	0	87.1	86.6	41.8	42.5	0	0
145877	11836	335	0.999	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145878	11840	335	0.951	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145879	11836	335	0.972	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145880	11832	334.5	0.972	1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145881	11836	335	0.97	1.1	0.4	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145882	11840	335	1.006	1.1	0.4	308.7	1	0	86.8	86.6	41.8	42.5	0	0
145883	11836	334.5	0.976	1.1	0	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145884	11840	334.5	0.97	1.1	0	308.7	1	0	86.9	86.6	41.8	42.5	0	0
145885	11840	334	0.94	1.1	0.4	308.7	1	0	87.1	86.6	41.8	42.5	0	0
145886	11836	334	0.956	1.1	0.4	308.7	1	0	87.1	86.6	41.9	42.5	0	0
145887	11836	334.5	0.965	1.1	0.4	308.7	1	0	87.3	86.6	41.9	42.5	0	0
145888	11836	334.5	0.995	1.1	0.4	308.3	1	0	87.3	86.6	41.9	42.5	0	0
145889	11832	334.5	1.002	1.3	0.7	308.3	1	0	87.3	86.6	41.9	42.5	0	0
145890	11840	334.5	1.011	1.3	0.7	308.3	1	0	87.3	86.6	41.9	42.5	0	0
145891	11836	334.5	1.015	1.3	0.7	308.3	1	0	87.3	86.8	41.9	42.5	0	0
145892	11836	334.5	0.976	1.3	0.7	308.3	1	0	87.3	86.8	41.9	42.5	0	0
145893	11836	334.5	0.94	1.1	0.7	308.7	1	0	87.3	86.9	41.9	42.6	0	0
145894	11840	334.5	0.956	1.1	0.7	308.7	1	0	87.3	86.9	41.9	42.6	0	0
145895	11840	335	0.97	1.1	0.4	308.7	1	0	87.1	86.9	41.9	42.6	0	0

145896	11840	335	0.965	1.1	0.4	308.7	1	0	87.1	86.9	41.9	42.6	0	0
145897	11840	335	0.976	1	0.4	308.7	1	0	86.9	86.9	41.9	42.6	0	0
145898	11844	335	0.986	1	0.4	308.7	1	0	86.9	86.9	41.8	42.6	0	0
145899	11836	334.5	0.965	1	0.4	308.3	1	0	86.8	86.6	41.8	42.5	0	0
145900	11836	334.5	0.986	1	0.4	308.3	1	0	86.8	86.6	41.8	42.5	0	0
145901	11836	334.5	0.976	1	0.4	308.3	1	0	86.9	86.6	41.8	42.5	0	0
145902	11836	334.5	0.97	1.1	0.4	308.3	1	0	86.9	86.6	41.8	42.5	0	0
145903	11836	334.5	1.002	1.1	0.4	308.3	1	0	87.1	86.6	41.8	42.5	0	0
145904	11836	334.5	1.002	1.1	0.7	308.3	1	0	87.1	86.6	41.8	42.5	0	0
145905	11836	334.5	0.976	1.1	0.7	308.3	1	0	87.3	86.8	41.8	42.5	0	0
145906	11836	334.5	0.981	1.1	1.1	308.3	1	0	87.3	86.8	41.9	42.5	0	0
145907	11840	334.5	0.947	1.1	0.7	308.3	1	0	87.3	86.9	41.9	42.6	0	0
145908	11840	334.5	0.958	1.1	0.4	308.3	1	0	87.3	86.9	41.9	42.6	0	0
145909	11836	335	0.947	1.1	0.4	308.3	1	0	87.3	86.9	41.9	42.6	0	0
145910	11840	335.5	0.974	1.1	0.4	308.3	1	0	87.3	86.9	41.9	42.6	0	0
145911	11840	335.5	0.963	1.1	0.4	308.3	1	0	87.1	86.8	41.9	42.6	0	0
145912	11840	335.5	0.967	1.1	0.4	308.3	1	0	87.1	86.8	41.8	42.6	0	0
145913	11836	335.5	0.974	1.1	0.7	308.3	1	0	86.8	86.8	41.8	42.5	0	0
145914	11840	335.5	0.988	1.1	0.7	308.3	1	0	86.8	86.8	41.6	42.5	0	0
145915	11836	335.5	0.983	1.1	0.7	308.3	1	0	86.6	86.6	41.6	42.5	0	0
145916	11840	335.5	0.974	1.1	0.4	308.3	1	0	86.6	86.6	41.6	42.5	0	0
145917	11840	335.5	0.958	1.1	0.4	308.3	1	0	86.6	86.3	41.6	42.5	0	0
145918	11836	335.5	0.974	1.1	0.4	308.3	1	0	86.6	86.3	41.6	42.5	0	0
145919	11836	335.5	0.958	1.1	0.7	308.3	1	0	86.8	86.5	41.6	42.4	0	0
145920	11836	335.5	0.999	1.1	0.7	308.3	1	0	86.8	86.5	41.8	42.4	0	0
145921	11836	335.5	1.013	1.1	1.1	308.3	1	0	86.8	86.3	41.8	42.5	0	0
145922	11840	335.5	0.963	1.1	1.1	308.3	1	0	86.8	86.3	41.8	42.5	0	0
145923	11836	335	0.979	1.3	1.1	308.3	1	0	86.9	86.5	41.8	42.5	0	0
145924	11840	335	0.988	1.3	0.7	308.3	1	0	86.9	86.5	41.8	42.5	0	0
145925	11840	335	0.972	1.1	0.7	308.3	1	0	86.9	86.3	41.8	42.5	0	0
145926	11836	335	0.963	1.1	0.7	308.3	1	0	86.9	86.3	41.8	42.5	0	0
145927	11836	335.5	1.013	1.1	0.4	308.3	1	0	86.9	86.3	41.8	42.5	0	0
145928	11836	335.5	0.997	1.3	0.4	308.7	1	0	86.9	86.3	41.9	42.5	0	0
145929	11836	335	0.997	1.3	0.4	308.7	1	0	87.1	86.3	41.9	42.6	0	0
145930	11840	335	0.958	1.3	0.4	308.7	1	0	87.1	86.3	41.9	42.6	0	0
145931	11840	334.5	0.958	1.1	0.4	308.7	1	0	86.6	86.3	41.9	42.5	0	0
145932	11836	334	0.967	1.1	0.4	308.7	1	0	86.6	86.3	41.8	42.5	0	0
145933	11840	334	0.972	1	0.4	308.7	1	0	86.8	86.5	41.8	42.5	0	0
145934	11840	334	0.979	1	0.4	308.7	1	0	86.8	86.5	41.8	42.5	0	0
145935	11844	334	0.999	1.1	0.7	308.7	1	0	86.9	86.5	41.8	42.5	0	0
145936	11840	334	1.013	1.1	0.7	308.7	1	0	86.9	86.5	41.9	42.5	0	0
145937	11840	334	0.983	1.1	0.7	308.7	1	0	87.1	86.6	41.9	42.6	0	0
145938	11832	334	0.967	1	0.7	308.7	1	0	87.1	86.6	41.9	42.6	0	0
145939	11840	333.5	0.958	1	0.7	308.7	1	0	87.1	86.9	41.9	42.7	0	0
145940	11836	334	0.999	1	0.7	308.7	1	0	87.1	86.9	41.9	42.7	0	0
145941	11836	334	1.013	1.1	0.4	308.7	1	0	87.3	86.9	41.9	42.7	0	0
145942	11836	334.5	1.038	1.1	0.4	308.7	1	0	87.3	86.9	41.9	42.7	0	0
145943	11840	334.5	1.004	1.1	0.4	308.7	1	0	87.3	87.1	41.9	42.6	0	0
145944	11840	335	0.983	1.1	0	308.7	1	0	87.3	87.1	41.9	42.6	0	0
145945	11836	335	0.942	1	0.4	308.3	1	0	87.1	86.8	41.9	42.6	0	0
145946	11836	335	0.972	1	0.4	308.3	1	0	87.1	86.8	41.9	42.6	0	0
145947	11832	335	0.979	1	0.4	308.3	1	0	86.9	86.6	41.9	42.5	0	0
145948	11836	335	0.983	1	0.4	308.3	1	0	86.9	86.6	41.8	42.5	0	0
145949	11840	335	1.008	1	0.4	308.3	1	0	86.8	86.8	41.8	42.5	0	0
145950	11840	335	0.983	1.1	0.4	308.3	1	0	86.8	86.8	41.6	42.5	0	0
145951	11840	335	0.992	1.1	0.7	308.3	1	0	86.8	86.6	41.6	42.5	0	0
145952	11840	335	0.979	1.1	0.7	308.3	1	0	86.8	86.6	41.6	42.5	0	0
145953	11840	335.5	0.967	1.1	0.7	308.3	1	0	86.9	86.6	41.6	42.5	0	0
145954	11836	335.5	0.988	1	0.7	308.3	1	0	86.9	86.6	41.8	42.5	0	0
145955	11836	335	0.974	1	1.1	308.3	1	0	86.9	86.6	41.8	42.4	0	0
145956	11836	335	0.967	1	1.1	308.3	1	0	86.9	86.6	41.8	42.4	0	0
145957	11840	335.5	0.983	1	1.1	308.3	1	0	86.8	86.6	41.8	42.4	0	0
145958	11840	335.5	0.967	1	0.7	308.3	1	0	86.8	86.6	41.8	42.4	0	0
145959	11836	335.5	0.986	1	0.7	308.3	1	0	86.8	86.6	41.8	42.4	0	0
145960	11840	336	0.986	1	0.7	308.3	1	0	86.8	86.6	41.8	42.4	0	0
145961	11836	336	0.976	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.4	0	0
145962	11840	335.5	0.986	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.4	0	0
145963	11836	335	0.99	1.1	0.4	308.7	1	0	86.5	86.3	41.8	42.4	0	0
145964	11840	335	0.965	1.1	0.4	308.7	1	0	86.5	86.3	41.6	42.4	0	0
145965	11836	335	0.976	1.1	0.7	308.7	1	0	86.5	86.1	41.6	42.5	0	0
145966	11840	335	0.995	1.1	0.7	308.7	1	0	86.5	86.1	41.6	42.5	0	0

145967	11832	334.5	1.031	1.1	0.7	308.7	1	0	86.9	86.3	41.6	42.5	0	0
145968	11836	334.5	1.011	1.3	0.7	308.7	1	0	86.9	86.3	41.8	42.5	0	0
145969	11836	334.5	0.986	1.3	0.7	308.7	1	0	86.9	86.3	41.8	42.5	0	0
145970	11840	334	0.99	1.3	0.7	308.7	1	0	86.9	86.3	41.9	42.5	0	0
145971	11836	334.5	0.951	1.1	0.7	308.7	1	0	87.1	86.3	41.9	42.6	0	0
145972	11840	334.5	0.965	1.1	0.7	308.7	1	0	87.1	86.3	41.9	42.6	0	0
145973	11840	335	0.97	1.1	0.4	308.7	1	0	87.3	86.5	41.9	42.6	0	0
145974	11836	335	0.976	1.1	0.4	308.7	1	0	87.3	86.5	41.9	42.6	0	0
145975	11836	335	0.965	1.1	0.4	308.7	1	0	86.9	86.5	41.9	42.6	0	0
145976	11836	334.5	0.97	1.1	0	308.7	1	0	86.9	86.5	41.8	42.6	0	0
145977	11836	335	0.96	1.1	0	308.7	1	0	86.8	86.5	41.8	42.6	0	0
145978	11836	335	0.986	1.1	0	308.3	1	0	86.8	86.5	41.8	42.6	0	0
145979	11836	335	0.995	1.1	0	308.3	1	0	86.8	86.5	41.8	42.6	0	0
145980	11836	335	1.006	1.3	0	308.3	1	0	86.8	86.5	41.6	42.6	0	0
145981	11844	335	0.99	1.3	0.4	308.3	1	0	86.6	86.6	41.6	42.6	0	0
145982	11840	335	0.986	1.3	0.4	308.3	1	0	86.6	86.6	41.6	42.6	0	0
145983	11840	335	0.96	1.3	0.7	308.3	1	0	86.6	86.5	41.6	42.6	0	0
145984	11844	334.5	0.94	1.1	0.7	308.3	1	0	86.6	86.5	41.6	42.6	0	0
145985	11836	334.5	0.965	1.1	0.7	308.3	1	0	86.8	86.5	41.6	42.6	0	0
145986	11836	334.5	0.981	1	0.7	308.3	1	0	86.8	86.5	41.6	42.6	0	0
145987	11836	334.5	0.981	1	0.7	308.3	1	0	86.8	86.5	41.6	42.6	0	0
145988	11840	335	0.986	1.1	0.7	308.3	1	0	86.8	86.5	41.8	42.6	0	0
145989	11844	335	1.006	1.1	0.7	308.3	1	0	86.9	86.5	41.8	42.6	0	0
145990	11836	335	1.002	1.1	0.7	308.3	1	0	86.9	86.5	41.8	42.6	0	0
145991	11836	335	0.97	1.1	0.7	308.3	1	0	86.9	86.6	41.8	42.6	0	0
145992	11840	335	0.965	1	0.4	308.3	1	0	86.9	86.6	41.8	42.6	0	0
145993	11840	335	0.97	1	0.4	308.3	1	0	86.9	86.6	41.8	42.7	0	0
145994	11836	335	0.963	1	0.4	308.3	1	0	86.9	86.6	41.8	42.7	0	0
145995	11840	334.5	0.988	1	0.4	308.3	1	0	86.8	86.5	41.8	42.5	0	0
145996	11840	334.5	0.988	1	0.4	308.3	1	0	86.8	86.5	41.8	42.5	0	0
145997	11840	334	0.992	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.5	0	0
145998	11840	334.5	0.988	1.1	0.7	308.3	1	0	86.8	86.5	41.8	42.5	0	0
145999	11836	334.5	0.979	1.1	0.7	308.3	1	0	86.9	86.6	41.8	42.5	0	0
146000	11836	334.5	0.988	1.1	0.7	308.3	1	0	86.9	86.6	41.9	42.5	0	0
146001	11836	334.5	0.983	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146002	11840	334.5	0.999	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146003	11836	335	0.963	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146004	11832	335	0.992	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146005	11836	335.5	0.999	1.1	0.4	308.3	1	0	86.9	86.9	41.9	42.6	0	0
146006	11840	335.5	0.992	1.1	0.4	308.3	1	0	86.9	86.9	41.8	42.6	0	0
146007	11836	335.5	0.958	1.1	0.4	308.3	1	0	86.6	86.6	41.8	42.5	0	0
146008	11836	335.5	0.963	1.1	0.4	308.3	1	0	86.6	86.6	41.6	42.5	0	0
146009	11832	335.5	0.992	1.1	0	308.3	1	0	86.6	86.5	41.6	42.5	0	0
146010	11836	335.5	0.992	1.1	0.4	308.3	1	0	86.6	86.5	41.6	42.5	0	0
146011	11840	335.5	0.992	1.1	0.4	308.3	1	0	86.6	86.5	41.6	42.4	0	0
146012	11836	335.5	0.979	1.1	0.7	308.3	1	0	86.6	86.5	41.6	42.4	0	0
146013	11840	335	0.979	1.1	0.7	308.3	1	0	86.5	86.5	41.6	42.5	0	0
146014	11840	335.5	0.999	1.1	0.7	308.3	1	0	86.5	86.5	41.6	42.5	0	0
146015	11836	335.5	0.992	1.1	0.7	308.3	1	0	86.6	86.3	41.6	42.5	0	0
146016	11840	335.5	0.988	1.1	0.7	308.3	1	0	86.6	86.3	41.8	42.5	0	0
146017	11836	335.5	0.967	1.1	0.7	308.3	1	0	86.8	86.1	41.8	42.4	0	0
146018	11840	335	0.958	1.1	0.7	308.3	1	0	86.8	86.1	41.8	42.4	0	0
146019	11832	335.5	0.951	1.1	0.7	308.3	1	0	86.8	86.3	41.8	42.5	0	0
146020	11836	335	0.983	1	0.7	308.3	1	0	86.8	86.3	41.8	42.5	0	0
146021	11836	335	0.999	1.1	0.4	308.3	1	0	86.6	86.1	41.8	42.4	0	0
146022	11836	334.5	1.013	1.1	0.4	308.3	1	0	86.6	86.1	41.8	42.4	0	0
146023	11836	334.5	0.983	1.1	0.4	308.3	1	0	86.9	86.3	41.8	42.5	0	0
146024	11840	334.5	0.979	1.1	0.4	308.3	1	0	86.9	86.3	41.8	42.5	0	0
146025	11840	334.5	0.933	1.1	0.4	308.3	1	0	86.9	86.3	41.8	42.5	0	0
146026	11840	334.5	0.967	1	0.4	308.3	1	0	86.9	86.3	41.9	42.5	0	0
146027	11836	334.5	0.974	1	0.4	308.3	1	0	87.1	86.3	41.9	42.5	0	0
146028	11840	334.5	0.972	1	0.4	308.3	1	0	87.1	86.3	41.9	42.5	0	0
146029	11832	334.5	1.008	1.1	0.4	308.3	1	0	87.1	86.3	41.9	42.5	0	0
146030	11836	335	0.992	1.1	0.4	308.3	1	0	87.1	86.3	41.9	42.5	0	0
146031	11836	335	1.008	1.3	0.4	308.3	1	0	86.9	86.3	41.9	42.6	0	0
146032	11836	334.5	1.004	1.1	0.4	308.3	1	0	86.9	86.3	41.8	42.6	0	0
146033	11836	334.5	0.947	1.1	0	308.3	1	0	86.8	86.5	41.8	42.6	0	0
146034	11836	334	0.979	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.6	0	0
146035	11832	334.5	0.999	1.1	0.7	308.3	1	0	86.8	86.5	41.8	42.6	0	0
146036	11832	334	1.004	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.6	0	0
146037	11836	334	1.011	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.6	0	0

146038	11836	334	0.97	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.6	0	0
146039	11836	334	0.99	1.1	0.4	308.3	1	0	87.1	86.8	41.8	42.7	0	0
146040	11840	333.5	0.981	1.3	0.4	308.3	1	0	87.1	86.8	41.8	42.7	0	0
146041	11840	333	0.928	1.1	0.4	308.3	1	0	87.1	86.9	41.8	42.7	0	0
146042	11840	334	0.94	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.7	0	0
146043	11836	333.5	0.986	1.1	0.7	308.3	1	0	87.1	87.1	41.9	42.6	0	0
146044	11836	334	0.96	1.1	0.7	308.3	1	0	87.1	87.1	41.9	42.6	0	0
146045	11836	334.5	0.995	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146046	11836	334.5	0.965	1.1	0.4	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146047	11840	334	1.015	1.1	0.4	308.3	1	0	87.3	86.9	41.9	42.6	0	0
146048	11836	334	0.965	1.3	0.7	308.3	1	0	87.3	86.9	41.9	42.6	0	0
146049	11836	334.5	0.976	1.3	0.7	308.3	1	0	87.1	86.6	41.9	42.5	0	0
146050	11836	334	0.981	1.1	0.4	308.3	1	0	87.1	86.6	41.9	42.5	0	0
146051	11836	334.5	0.944	1.1	0.4	308.3	1	0	87.1	86.6	41.9	42.5	0	0
146052	11832	334.5	0.99	1.1	0.4	308.3	1	0	87.1	86.6	41.8	42.5	0	0
146053	11840	334.5	0.99	1.1	0.7	308.3	1	0	87.1	86.6	41.8	42.5	0	0
146054	11836	334.5	0.983	1.1	0.7	308.3	1	0	87.1	86.6	41.8	42.5	0	0
146055	11836	335	0.967	1.1	0.7	308.3	1	0	86.9	86.6	41.8	42.4	0	0
146056	11832	334.5	0.958	1.1	0.4	308.3	1	0	86.9	86.6	41.8	42.4	0	0
146057	11836	334.5	0.972	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.4	0	0
146058	11836	334.5	0.979	1.1	0.4	308.3	1	0	86.8	86.5	41.8	42.4	0	0
146059	11832	334.5	1.004	1.1	0.4	308.3	1	0	86.8	86.6	41.8	42.4	0	0
146060	11832	334	1.004	1.3	0.7	308.3	1	0	86.8	86.6	41.8	42.4	0	0
146061	11836	334	1.013	1.3	0.7	308.3	1	0	86.9	86.5	41.8	42.4	0	0
146062	11832	334	0.999	1.3	0.7	308.3	1	0	86.9	86.5	41.8	42.4	0	0
146063	11836	334.5	0.96	1.3	0.7	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146064	11836	334.5	0.97	1.3	0.4	308.3	1	0	87.1	86.8	41.9	42.5	0	0
146065	11840	335	0.986	1.1	0.4	308.3	1	0	87.3	86.9	41.9	42.6	0	0
146066	11836	335	0.976	1.1	0.7	308.3	1	0	87.3	86.9	41.9	42.6	0	0
146067	11840	335	0.97	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146068	11844	335	0.976	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146069	11844	335	0.931	1.1	0.7	308.7	1	0	86.9	86.6	41.9	42.5	0	0
146070	11840	334.5	0.97	1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
146071	11840	335	0.99	1	0.4	308.7	1	0	86.8	86.6	41.8	42.5	0	0
146072	11836	334.5	0.944	1	0.4	308.3	1	0	86.8	86.6	41.8	42.5	0	0
146073	11836	335	0.97	1	0.4	308.7	1	0	86.9	86.6	41.8	42.5	0	0
146074	11836	334.5	1.022	1.1	0.4	308.7	1	0	86.9	86.6	41.8	42.5	0	0
146075	11836	335	1.011	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
146076	11836	335	0.986	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
146077	11836	335	1.002	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
146078	11840	334.5	0.949	1.1	0.7	308.7	1	0	86.9	86.6	41.8	42.5	0	0
146079	11836	334.5	1.002	1.3	0.4	308.7	1	0	86.9	86.6	41.8	42.4	0	0
146080	11844	334.5	1.054	1.5	0.4	308.7	1	0	86.9	86.6	41.8	42.4	0	0
146081	11844	334.5	0.992	1.5	0.4	308.7	1	0	87.3	86.6	41.8	42.4	0	0
146082	11848	334.5	0.988	1.5	0.7	308.7	1	0	87.3	86.6	41.8	42.4	0	0
146083	11856	334	0.926	1.5	0.7	308.7	1	0	87.3	86.6	41.8	42.4	0	0
146084	11852	334.5	0.958	1.3	0.7	308.7	1	0	87.3	86.6	41.9	42.4	0	0
146085	11864	334	0.988	1.3	0.7	308.7	1	0	87.3	86.6	41.9	42.4	0	0
146086	11860	334	0.983	1.3	0.7	308.7	1	0	87.3	86.6	41.9	42.4	0	0
146087	11860	333.5	0.963	1.3	0.4	308.7	1	0	87.1	86.5	41.9	42.4	0	0
146088	11864	333	0.972	1.3	0.4	308.3	1	0	87.1	86.5	41.9	42.4	0	0
146089	11868	333.5	0.935	1.1	0	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146090	11860	334	0.976	1.1	0.7	308.3	1	0	87.1	86.9	41.9	42.6	0	0
146091	11864	334	0.976	1.1	0.7	308.3	1	0	87.3	87.1	41.9	42.7	0	0
146092	11864	334	0.96	1.1	0.7	308.3	1	0	87.3	87.1	41.9	42.7	0	0
146093	11864	334	0.997	1.1	0.4	308.3	1	0	87.3	87.1	41.9	42.7	0	0
146094	11864	334.5	0.976	1.3	0.4	308.3	1	0	87.3	87.1	41.9	42.7	0	0
146095	11864	334.5	0.976	1.3	0.4	308.3	1	0	87.3	86.9	41.9	42.5	0	0
146096	11872	334	0.965	1.3	0.4	308.3	1	0	87.3	86.9	41.9	42.5	0	0
146097	11864	334	0.915	1.3	0.4	308.3	1	0	87.3	86.8	41.9	42.5	0	0
146098	11868	334	0.967	1.1	0.4	308.3	1	0	87.3	86.8	41.9	42.5	0	0
146099	11868	334.5	0.999	1.1	0.4	308.3	1	0	87.4	86.8	41.9	42.5	0	0
146100	11872	334.5	1.034	1.3	0.4	308.3	1	0	87.4	86.8	41.9	42.5	0	0
146101	11868	334.5	0.995	1.3	0.4	308.3	1	0	87.3	86.8	41.9	42.4	0	0
146102	11864	334.5	1.013	1.3	0.4	308.3	1	0	87.3	86.8	41.9	42.4	0	0
146103	11864	335	0.937	1.1	0.7	308.3	1	0	87.3	86.6	41.9	42.4	0	0
146104	11872	334.5	0.995	1.1	0.7	308.3	1	0	87.3	86.6	41.9	42.4	0	0
146105	11872	334.5	0.995	1.1	1.1	308.3	1	0	87.3	86.8	41.9	42.4	0	0
146106	11868	334.5	0.96	1.1	0.7	308.3	1	0	87.3	86.8	41.8	42.4	0	0
146107	11864	334	0.986	1.1	0.4	308.3	1	0	86.9	86.6	41.8	42.4	0	0
146108	11864	334	0.949	1.1	0.4	308	1	0	86.9	86.6	41.8	42.4	0	0

146109	11864	334.5	0.974	1.1	0.7	308	1	0	87.3	86.8	41.8	42.4	0	0
146110	11868	334.5	0.974	1.3	0.7	308	1	0	87.3	86.8	41.8	42.4	0	0
146111	11872	334.5	0.99	1.3	0.7	308	1	0	87.3	86.9	41.8	42.5	0	0
146112	11868	334.5	1.002	1.3	0.7	308	1	0	87.3	86.9	41.8	42.5	0	0
146113	11868	334	0.97	1.1	0.7	308	1	0	87.3	87.1	41.8	42.6	0	0
146114	11868	334	0.965	1.1	0.7	308.3	1	0	87.3	87.1	41.8	42.6	0	0
146115	11868	334	0.963	1.1	0.7	308.3	1	0	87.1	86.9	41.8	42.5	0	0
146116	11868	334	0.972	1	0.7	308.3	1	0	87.1	86.9	41.8	42.5	0	0
146117	11868	334	0.958	1	0.4	308.3	1	0	87.1	86.9	41.8	42.5	0	0
146118	11872	334.5	0.992	1	0.4	308.3	1	0	87.1	86.9	41.8	42.5	0	0
146119	11872	334.5	0.967	1.1	0.4	308.3	1	0	87.3	86.9	41.8	42.6	0	0
146120	11868	334.5	0.967	1.1	0.4	308.3	1	0	87.3	86.9	41.8	42.6	0	0
146121	11864	334.5	0.979	1.1	0.4	308.3	1	0	87.3	87.1	41.8	42.6	0	0
146122	11868	334.5	0.999	1.1	0.7	308.3	1	0	87.3	87.1	41.8	42.6	0	0
146123	11864	334.5	0.979	1.1	0.7	308.3	1	0	87.3	86.9	41.8	42.5	0	0
146124	11864	334.5	0.967	1.1	0.7	308.3	1	0	87.3	86.9	41.8	42.5	0	0
146125	11864	334.5	0.997	1.1	1.1	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146126	11868	334.5	1.004	1.1	1.1	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146127	11872	335	0.972	1.1	1.1	308.3	1	0	87.3	86.8	41.8	42.5	0	0
146128	11868	335	0.958	1.1	0.7	308.3	1	0	87.3	86.8	41.8	42.5	0	0
146129	11864	335	0.951	1.1	0.4	308.3	1	0	87.3	86.8	41.8	42.5	0	0
146130	11872	335	0.976	1.1	0.7	308.3	1	0	87.3	86.8	41.8	42.5	0	0
146131	11872	335	0.972	1.1	0.7	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146132	11868	335	0.986	1.1	0.7	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146133	11864	335	1.011	1.1	0.4	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146134	11864	335	0.96	1.1	0.7	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146135	11864	335	0.976	1.1	0.7	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146136	11864	335.5	0.986	1.1	0.7	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146137	11868	335.5	0.995	1.1	0.4	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146138	11868	335.5	0.965	1.1	0.4	308.3	1	0	87.1	86.8	41.8	42.5	0	0
146139	11872	335.5	1.006	1.1	0.4	308.3	1	0	86.9	86.6	41.8	42.5	0	0
146140	11868	336	0.995	1.1	0.4	308.3	1	0	86.9	86.6	41.6	42.5	0	0
146141	11868	336	0.99	1.1	0.4	308.3	1	0	86.8	86.6	41.6	42.4	0	0
146142	11872	336.5	0.995	1.1	0.4	308	1	0	86.8	86.6	41.6	42.4	0	0
146143	11872	336.5	0.995	1.1	0.4	308	1	0	86.6	86.5	41.6	42.4	0	0
146144	11868	336.5	0.995	1.1	0.4	308	1	0	86.6	86.5	41.6	42.4	0	0
146145	11868	336.5	0.99	1.1	0.4	308	1	0	86.5	86.3	41.6	42.4	0	0
146146	11868	336	1.002	1.1	0.7	308	1	0	86.5	86.3	41.6	42.4	0	0
146147	11868	336	0.97	1.1	0.7	308	1	0	86.5	86.1	41.6	42.4	0	0
146148	11868	336	0.97	1.1	0.7	308	1	0	86.5	86.1	41.6	42.4	0	0
146149	11864	336	1.022	1.1	1.1	308	1	0	86.3	86.1	41.6	42.4	0	0
146150	11864	336	0.988	1.1	1.1	308	1	0	86.3	86.1	41.6	42.4	0	0
146151	11864	336	0.979	1.1	1.1	308.3	1	0	86.6	86.3	41.6	42.4	0	0
146152	11868	335.5	0.958	1.1	1.1	308.3	1	0	86.6	86.3	41.8	42.4	0	0
146153	11868	335.5	0.963	1.1	0.7	308.3	1	0	86.8	86.1	41.8	42.5	0	0
146154	11868	335.5	0.979	1.1	0.7	308.3	1	0	86.8	86.1	41.8	42.5	0	0
146155	11868	335.5	0.979	1.1	0.7	308.3	1	0	86.9	86.1	41.8	42.4	0	0
146156	11868	335	0.983	1.1	0.7	308.3	1	0	86.9	86.1	41.8	42.4	0	0
146157	11868	335.5	1.004	1.1	0.4	308.3	1	0	86.9	86.1	41.8	42.5	0	0
146158	11864	335	0.986	1.1	0.4	308.3	1	0	86.9	86.1	41.9	42.5	0	0
146159	11868	335	0.97	1.1	0.4	308.3	1	0	86.9	86.1	41.9	42.5	0	0
146160	11868	335	0.981	1.1	0.4	308.3	1	0	86.9	86.1	41.9	42.5	0	0
146161	11864	334.5	0.949	1.1	0.4	308.3	1	0	86.9	86.3	41.9	42.5	0	0
146162	11868	334.5	0.965	1.1	0.4	308.3	1	0	86.9	86.3	41.9	42.5	0	0
146163	11868	334	0.965	1.1	0.4	308.3	1	0	86.9	86.3	41.9	42.5	0	0
146164	11868	334	0.965	1.1	0.4	308.3	1	0	86.9	86.3	41.9	42.5	0	0
146165	11860	334	0.99	1.1	0.4	308.3	1	0	86.9	86.5	41.9	42.6	0	0
146166	11868	333.5	1.015	1.1	0.4	308	1	0	86.9	86.5	41.9	42.6	0	0
146167	11868	333.5	0.999	1.1	0.4	308	1	0	87.1	86.6	41.9	42.7	0	0
146168	11872	333	0.972	1.1	0.4	308	1	0	87.1	86.6	41.9	42.7	0	0
146169	11872	333	0.992	1.1	0.4	308	1	0	87.1	87.1	41.9	42.7	0	0
146170	11868	333	0.958	1.1	0.4	308	1	0	87.1	87.1	41.9	42.7	0	0
146171	11868	333	0.967	1.1	0.4	308	1	0	87.7	87.3	41.9	42.7	0	0
146172	11868	333.5	0.972	1.1	0.4	308	1	0	87.7	87.3	42.1	42.7	0	0
146173	11868	333.5	0.983	1.1	0.7	308	1	0	87.7	87.3	42.1	42.6	0	0
146174	11872	334	0.992	1.1	0.7	308	1	0	87.7	87.3	41.8	42.6	0	0
146175	11872	334	0.942	1.1	0.4	308	1	0	87.1	87.1	41.8	42.6	0	0
146176	11872	334	0.97	1	0.7	308	1	0	87.1	87.1	41.5	42.6	0	0
146177	11868	334	0.995	1	0.7	308	1	0	87.3	87.1	41.5	42.5	0	0
146178	11868	334	0.99	1.1	0.7	308	1	0	87.3	87.1	41.6	42.5	0	0
146179	11864	334	0.995	1.1	0.4	308	1	0	87.3	86.9	41.6	42.4	0	0

146180	11868	334	1.006	1.1	0.4	308	1	0	87.3	86.9	41.6	42.4	0	0
146181	11868	334	0.981	1.1	0.4	308	1	0	87.3	86.9	41.6	42.4	0	0
146182	11868	334.5	0.974	1.1	0.4	308	1	0	87.3	86.9	41.6	42.4	0	0
146183	11868	335	1.015	1.1	0.7	308	1	0	87.3	87.1	41.6	50.4	0	0
146184	11864	335	0.965	1.1	0.7	308.3	1	0	87.3	87.1	51.3	50.4	0	0
146185	11868	335	0.956	1.1	0.7	308.3	1	0	86.9	86.9	51.3	50.7	0	0
146186	11868	335.5	0.976	1.1	0.4	308	1	0	86.9	86.9	47.6	50.7	0	0
146187	11868	335.5	0.976	1.1	0.4	308	1	0	86.8	86.8	47.6	44.9	0	0
146188	11864	335.5	1.002	1.1	0.7	308	1	0	86.8	86.8	43.7	44.9	0	0
146189	11868	335.5	0.986	1.1	0.7	308	1	0	86.6	86.8	43.7	43.6	0	0
146190	11868	335.5	0.99	1.1	0.7	308	1	0	86.6	86.8	41.5	43.6	0	0
146191	11872	335.5	1.002	1.1	0.7	308	1	0	86.6	86.6	41.5	43.4	0	0
146192	11868	336	0.97	1.1	0.7	308.3	1	0	86.6	86.6	42.5	43.4	0	0
146193	11868	335.5	0.979	1.1	0.7	308.3	1	0	86.6	86.5	42.5	43.2	0	0
146194	11868	335.5	0.983	1.1	0.7	308.3	1	0	86.6	86.5	42.5	43.2	0	0
146195	11868	335.5	0.983	1.1	0.7	308.3	1	0	86.6	86.3	42.5	43	0	0
146196	11864	335.5	0.999	1.1	0.4	308.3	1	0	86.6	86.3	42.1	43	0	0
146197	11868	335.5	0.967	1.1	0.4	308.3	1	0	86.6	86.3	42.1	43.2	0	0
146198	11868	335.5	0.958	1.1	0.4	308.3	1	0	86.6	86.3	42.4	43.2	0	0
146199	11868	335	0.942	1.1	0.4	308.3	1	0	86.8	86.1	42.4	43.1	0	0
146200	11868	334.5	0.958	1	0.4	308.3	1	0	86.8	86.1	42.4	43.1	0	0
146201	11864	335	0.983	1	0.4	308.3	1	0	86.8	86.1	42.4	43.2	0	0
146202	11864	334.5	1.013	1.1	0.4	308.3	1	0	86.8	86.1	42.4	43.2	0	0
146203	11864	335	0.988	1.3	0.7	308.3	1	0	86.9	86.5	42.4	43.2	0	0
146204	11864	335	0.967	1.3	0.7	308.3	1	0	86.9	86.5	42.5	43.2	0	0
146205	11864	335	0.963	1.1	0.7	308.3	1	0	87.3	86.5	42.5	43.2	0	0
146206	11872	335	0.988	1.1	0.7	308.3	1	0	87.3	86.5	42.6	43.2	0	0
146207	11868	334.5	0.963	1.1	0.4	308.3	1	0	86.9	86.3	42.6	43.2	0	0
146208	11868	334.5	0.983	1.1	0.4	308.3	1	0	86.9	86.3	42.5	43.2	0	0
146209	11872	334.5	0.999	1.1	0.4	308.3	1	0	86.8	86.3	42.5	43.1	0	0
146210	11868	334.5	0.951	1.1	0.7	308.3	1	0	86.8	86.3	42.2	43.1	0	0
146211	11868	334.5	0.963	1.1	0.7	308.3	1	0	86.8	86.3	42.2	43.2	0	0
146212	11868	334.5	0.988	1.1	0.4	308.3	1	0	86.8	86.3	42.4	43.2	0	0
146213	11864	334.5	0.947	1.1	0.4	308.3	1	0	86.9	86.5	42.4	43.2	0	0
146214	11868	334.5	0.992	1.1	0.4	308.3	1	0	86.9	86.5	42.4	43.2	0	0
146215	11868	334.5	0.963	1.1	0.4	308.3	1	0	86.8	86.5	42.4	43.2	0	0
146216	11868	334.5	1.018	1.1	0.4	308.3	1	0	86.8	86.5	42.4	43.2	0	0
146217	11864	334.5	0.972	1.1	0.4	308.3	1	0	86.9	86.5	42.4	43.2	0	0
146218	11868	334.5	1.008	1.1	0.4	308.3	1	0	86.9	86.5	42.4	43.2	0	0
146219	11868	334	0.99	1.3	0.4	308.3	1	0	86.9	86.5	42.4	43.2	0	0
146220	11868	334.5	0.986	1.3	0.7	308.3	1	0	86.9	86.5	42.4	43.2	0	0
146221	11868	334	0.944	1.1	0.7	308.3	1	0	86.9	86.6	42.4	43.2	0	0
146222	11872	334	0.94	1.1	0.7	308.3	1	0	86.9	86.6	42.5	43.2	0	0
146223	11868	334	0.986	1.1	0.4	308.3	1	0	87.1	86.8	42.5	43.2	0	0
146224	11864	334	0.965	1.1	0.4	308.3	1	0	87.1	86.8	42.5	43.2	0	0
146225	11868	334.5	0.99	1.3	0.4	308.3	1	0	87.1	86.8	42.5	43.3	0	0
146226	11868	334.5	0.99	1.3	0.4	308.3	1	0	87.1	86.8	42.5	43.3	0	0
146227	11868	334.5	0.986	1.3	0.4	308.3	1	0	87.1	86.9	42.5	43.2	0	0
146228	11868	334.5	0.988	1.3	0.7	308.3	1	0	87.1	86.9	42.5	43.2	0	0
146229	11868	334.5	0.972	1.3	0.7	308.3	1	0	87.3	86.9	42.5	43.2	0	0
146230	11868	334.5	0.937	1.1	0.7	308.7	1	0	87.3	86.9	42.6	43.2	0	0
146231	11868	334.5	0.967	1.1	0.7	308.7	1	0	87.1	86.8	42.6	43.2	0	0
146232	11868	334.5	1.008	1.1	0.7	308.7	1	0	87.1	86.8	42.6	43.2	0	0
146233	11868	334.5	0.983	1.3	0.7	308.7	1	0	87.1	86.6	42.6	43.2	0	0
146234	11868	334.5	0.992	1.3	0.7	308.7	1	0	87.1	86.6	42.5	43.2	0	0
146235	11864	334.5	1.008	1.3	0.7	308.7	1	0	87.1	86.8	42.5	43.1	0	0
146236	11868	334.5	0.99	1.3	0.7	308.7	1	0	87.1	86.8	42.5	43.1	0	0
146237	11868	334.5	0.97	1.1	0.7	308.7	1	0	86.9	86.6	42.5	43.2	0	0
146238	11864	334	0.97	1.1	0.4	308.7	1	0	86.9	86.6	42.5	43.2	0	0
146239	11864	334	0.981	1.1	0.4	308.7	1	0	86.9	86.6	42.5	43.2	0	0
146240	11868	334	0.995	1.1	0.4	308.7	1	0	86.9	86.6	42.5	43.2	0	0
146241	11872	334	0.96	1.1	0	308.3	1	0	87.1	86.8	42.5	43.1	0	0
146242	11872	334	0.986	1.1	0	308.3	1	0	87.1	86.8	42.5	43.1	0	0
146243	11864	334	1.002	1.1	0.4	308.3	1	0	87.3	86.9	42.5	43.2	0	0
146244	11868	334	0.956	1.1	0.4	308.7	1	0	87.3	86.9	42.5	43.2	0	0
146245	11868	334	0.963	1.1	0.7	308.7	1	0	87.3	87.1	42.5	43.2	0	0
146246	11868	334.5	0.983	1.1	0.7	308.7	1	0	87.3	87.1	42.6	43.2	0	0
146247	11872	334.5	0.963	1.1	0.7	308.7	1	0	87.3	87.1	42.6	43.2	0	0
146248	11864	334.5	0.972	1.1	0.7	308.7	1	0	87.3	87.1	42.7	43.2	0	0
146249	11872	335	0.937	1.1	0.7	308.7	1	0	87.3	87.1	42.7	43.2	0	0
146250	11864	335	0.967	1.1	0.7	308.7	1	0	87.3	87.1	42.7	43.2	0	0

146251	11864	335.5	0.967	1.1	0.4	308.7	1	0	87.1	86.8	42.7	43.2	0	0
146252	11868	335.5	0.988	1.1	0.4	308.7	1	0	87.1	86.8	42.7	43.2	0	0
146253	11864	335.5	0.988	1.1	0.4	308.7	1	0	86.9	86.6	42.7	43.1	0	0
146254	11868	335.5	0.965	1.1	0.4	308.7	1	0	86.9	86.6	42.5	43.1	0	0
146255	11868	335.5	0.928	1.1	0.4	308.7	1	0	86.6	86.6	42.5	43.1	0	0
146256	11864	335	0.974	1.1	0.4	308.7	1	0	86.6	86.6	42.2	43.1	0	0
146257	11872	335.5	0.965	1.1	0.4	308.7	1	0	86.6	86.5	42.2	43.1	0	0
146258	11868	335	0.96	1.1	0.7	308.3	1	0	86.6	86.5	42.4	43.1	0	0
146259	11868	335	0.995	1.1	0.7	308.3	1	0	86.8	86.6	42.4	43.1	0	0
146260	11872	335.5	0.981	1.1	0.7	308.3	1	0	86.8	86.6	42.4	43.1	0	0
146261	11868	336	1.015	1.3	0.4	308.3	1	0	86.9	86.5	42.4	43.1	0	0
146262	11872	336.5	0.972	1.3	0.4	308.3	1	0	86.9	86.5	42.4	43.1	0	0
146263	11872	336.5	0.926	1.1	0.7	308.3	1	0	86.9	86.3	42.4	43.1	0	0
146264	11868	336.5	0.951	1.1	0.7	308.3	1	0	86.9	86.3	42.4	43.1	0	0
146265	11872	336.5	0.979	1.1	0.4	308.3	1	0	86.5	86.1	42.4	43	0	0
146266	11876	336	1.004	1.1	0.4	308.3	1	0	86.5	86.1	42.1	43	0	0
146267	11868	336	0.972	1.1	0.4	308.3	1	0	86.3	85.8	42.1	43.1	0	0
146268	11872	336	0.992	1.1	0.7	308.3	1	0	86.3	85.8	42.1	43.1	0	0
146269	11868	336	0.988	1.1	0.7	308.3	1	0	86.3	85.8	42.1	42.8	0	0
146270	11872	336	0.983	1.1	0.7	308.3	1	0	86.3	85.8	42.2	42.8	0	0
146271	11864	336	1.015	1.1	0.7	308	1	0	86.6	85.8	42.2	43.1	0	0
146272	11868	336	1.002	1.1	0.4	308.3	1	0	86.6	85.8	42.4	43.1	0	0
146273	11872	336	0.986	1.1	0.7	308	1	0	86.6	86	42.4	43.1	0	0
146274	11872	335.5	0.986	1.1	0.7	308	1	0	86.6	86	42.4	43.1	0	0
146275	11876	335.5	0.965	1.1	0.4	308	1	0	86.6	86.1	42.4	43.1	0	0
146276	11868	335	0.995	1.1	0.4	308	1	0	86.6	86.1	42.4	43.1	0	0
146277	11868	335	0.965	1.1	0.4	308	1	0	86.5	86.1	42.4	43.1	0	0
146278	11872	334.5	1.011	1.1	0.7	308	1	0	86.5	86.1	42.4	43.1	0	0
146279	11872	334.5	1.011	1.1	0.7	308	1	0	86.8	86	42.4	43.3	0	0
146280	11872	334.5	1.002	1.1	0.7	308	1	0	86.8	86	42.5	43.3	0	0
146281	11876	334.5	0.976	1.1	0.7	308.3	1	0	86.9	86	42.5	43.2	0	0
146282	11872	334.5	0.956	1.1	0.7	308.3	1	0	86.9	86	42.7	43.2	0	0
146283	11872	335	0.924	1.1	0.7	308.3	1	0	86.9	86.1	42.7	43.1	0	0
146284	11872	334.5	0.944	1.1	0.4	308.3	1	0	86.9	86.1	42.7	43.1	0	0
146285	11872	334	0.99	1.1	0.4	308.3	1	0	86.9	86.3	42.7	43.2	0	0
146286	11872	334.5	0.997	1.1	0.4	308.3	1	0	86.9	86.3	42.7	43.2	0	0
146287	11868	334.5	1.002	1.1	0.4	308.3	1	0	86.8	86.3	42.7	43.2	0	0
146288	11872	334	0.995	1.1	0.4	308.3	1	0	86.8	86.3	42.6	43.2	0	0
146289	11868	334	0.976	1.1	0.4	308	1	0	86.9	86.5	42.6	43.2	0	0
146290	11872	334	0.96	1.1	0.4	308	1	0	86.9	86.5	42.5	43.2	0	0
146291	11872	334	0.976	1.1	0.4	308	1	0	86.9	86.8	42.5	43.3	0	0
146292	11868	334	0.97	1.1	0.4	308	1	0	86.9	86.8	42.5	43.3	0	0
146293	11868	334	0.949	1.1	0.4	308	1	0	87.1	86.8	42.5	43.2	0	0
146294	11872	334	0.99	1.1	0.4	308	1	0	87.1	86.8	42.5	43.2	0	0
146295	11868	333.5	0.986	1.3	0.7	308	1	0	87.1	86.9	42.5	43.2	0	0
146296	11868	333.5	0.995	1.3	0.7	308	1	0	87.1	86.9	42.5	43.2	0	0
146297	11872	333.5	0.97	1.1	0.7	308	1	0	87.1	86.9	42.5	43.2	0	0
146298	11872	334	0.97	1.1	0.7	308	1	0	87.1	86.9	42.6	43.2	0	0
146299	11868	333.5	0.965	1.1	0.7	308	1	0	87.1	86.9	42.6	43.2	0	0
146300	11872	334	0.981	1.1	0.7	308	1	0	87.1	86.9	42.6	43.2	0	0
146301	11868	334.5	0.99	1.1	0.7	308	1	0	87.1	86.9	42.6	43.2	0	0
146302	11868	334.5	0.986	1.3	0.4	308	1	0	87.1	86.9	42.6	43.2	0	0
146303	11872	334.5	0.97	1.1	0.7	308	1	0	87.3	86.9	42.6	43.2	0	0
146304	11876	335	0.965	1.1	0.4	308	1	0	87.3	86.9	42.6	43.2	0	0
146305	11872	334.5	1.011	1.1	0.4	308	1	0	87.3	86.8	42.6	43.2	0	0
146306	11872	334.5	0.94	1.1	0.7	308	1	0	87.3	86.8	42.6	43.2	0	0
146307	11876	334	1.006	1.1	0.4	308	1	0	87.1	86.6	42.6	43.1	0	0
146308	11872	334	0.97	1.1	0.4	308	1	0	87.1	86.6	42.6	43.1	0	0
146309	11868	334.5	0.99	1.1	0.7	308	1	0	87.1	86.5	42.6	43.1	0	0
146310	11872	334.5	1.002	1.1	0.7	308	1	0	87.1	86.5	42.6	43.1	0	0
146311	11872	334.5	0.981	1.1	0.7	308	1	0	87.3	86.6	42.6	43.1	0	0
146312	11872	334	1.015	1.1	0.4	308	1	0	87.3	86.6	42.6	43.1	0	0
146313	11872	334	0.949	1.1	0.4	308	1	0	87.1	86.8	42.6	43.1	0	0
146314	11864	333.5	0.96	1.1	0.7	308	1	0	87.1	86.8	42.6	43.1	0	0
146315	11872	334.5	0.965	1.1	0.4	308	1	0	87.1	86.8	42.6	43.1	0	0
146316	11872	334	0.99	1.1	0.4	308	1	0	87.1	86.8	42.5	43.1	0	0
146317	11872	334.5	0.965	1.1	0.7	308	1	0	87.1	86.9	42.5	43.2	0	0
146318	11872	334.5	1.011	1.1	0.7	308	1	0	87.1	86.9	42.5	43.2	0	0
146319	11872	335	0.956	1.1	0.4	308	1	0	87.3	86.9	42.5	43.2	0	0
146320	11872	334	0.935	1.1	0.7	308	1	0	87.3	86.9	42.5	43.2	0	0
146321	11868	334.5	0.96	1.1	0.7	308	1	0	87.1	86.9	42.5	43.2	0	0

146322	11876	334.5	0.97	1.1	0.7	308	1	0	87.1	86.9	42.5	43.2	0	0
146323	11872	334.5	0.97	1.1	0.4	308	1	0	87.1	86.8	42.5	43.2	0	0
146324	11872	334.5	0.956	1.1	0.7	308	1	0	87.1	86.8	42.5	43.2	0	0
146325	11872	334.5	0.96	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146326	11872	334.5	0.974	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146327	11876	334.5	0.96	1.1	0.7	308	1	0	87.1	86.8	42.5	43.1	0	0
146328	11872	335	1.061	1.1	0.7	308	1	0	87.1	86.8	42.5	43.1	0	0
146329	11868	334	0.974	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146330	11868	335	0.986	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146331	11872	335.5	0.974	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146332	11868	335	0.981	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146333	11868	336	0.981	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146334	11872	336	0.965	1.1	0.4	308	1	0	87.1	86.6	42.5	43.1	0	0
146335	11868	335.5	1.027	1.1	0.4	308	1	0	86.8	86.6	42.5	43.1	0	0
146336	11872	335.5	0.986	1.1	0.4	308	1	0	86.8	86.6	42.2	43.1	0	0
146337	11868	335	0.981	1.1	0.4	308	1	0	86.6	86.5	42.2	43.1	0	0
146338	11868	335	0.97	1.1	0.4	308	1	0	86.6	86.5	42.2	43.1	0	0
146339	11868	335	1.006	1.1	0.4	308	1	0	86.6	86.5	42.2	43.1	0	0
146340	11872	334.5	1.02	1.1	0.7	308	1	0	86.6	86.5	42.2	43.1	0	0
146341	11868	334	0.995	1.1	0.7	308	1	0	86.6	86.5	42.2	43.1	0	0
146342	11872	334.5	0.995	1.1	0.7	308	1	0	86.6	86.5	42.2	43.1	0	0
146343	11872	334	0.986	1	0.7	308	1	0	86.9	86.6	42.2	43.1	0	0
146344	11868	335	1.015	1.1	0.7	308	1	0	86.9	86.6	42.4	43.1	0	0
146345	11868	334.5	1.011	1.1	0.4	308	1	0	87.1	86.6	42.4	43.1	0	0
146346	11868	333.5	1.006	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146347	11872	334	0.965	1.1	0.4	308	1	0	87.1	86.6	42.5	43.1	0	0
146348	11872	333.5	1.006	1.1	0.7	308	1	0	87.1	86.6	42.5	43.1	0	0
146349	11872	335	0.99	1.1	0.7	308	1	0	87.3	86.8	42.5	43.1	0	0
146350	11872	334	0.976	1.1	0.4	308	1	0	87.3	86.8	42.7	43.1	0	0
146351	11872	334	1.022	1.1	0.4	308	1	0	87.7	86.9	42.7	43.2	0	0
146352	11872	334.5	0.99	1.1	0.4	308	1	0	87.7	86.9	43.1	43.2	0	0
146353	11872	334.5	0.96	1.1	0.4	308	1	0	87.1	86.9	43.1	43.2	0	0
146354	11872	334.5	0.976	1	0.4	308	1	0	87.1	86.9	42.5	43.2	0	0
146355	11876	335	0.949	1	0.4	308	1	0	86.9	86.9	42.5	43.1	0	0
146356	11868	335	0.976	1.1	0.4	308	1	0	86.9	86.9	42.1	43.1	0	0
146357	11872	335	1.002	1	0.4	308	1	0	86.8	86.8	42.1	43.1	0	0
146358	11868	334.5	0.972	1	0.4	308	1	0	86.8	86.8	42.4	43.1	0	0
146359	11868	335	0.988	1	0.4	308	1	0	86.8	86.6	42.4	43.1	0	0
146360	11868	334.5	0.992	1	0.7	308	1	0	86.8	86.6	42.2	43.1	0	0
146361	11868	334.5	0.967	1	0.7	308	1	0	86.9	86.6	42.2	43.1	0	0
146362	11868	334.5	0.983	1	0.4	308	1	0	86.9	86.6	42.2	43.1	0	0
146363	11864	334	0.979	1	0.4	308	1	0	87.1	86.6	42.2	43.1	0	0
146364	11872	334	0.983	1	0.4	308	1	0	87.1	86.6	42.2	43.1	0	0
146365	11868	334.5	0.983	1	0.7	308	1	0	87.1	86.6	42.2	43.1	0	0
146366	11872	334.5	0.995	1.1	0.7	307.6	1	0	87.1	86.6	42.4	43.1	0	0
146367	11864	334.5	0.965	1.1	0.7	307.6	1	0	87.3	86.8	42.4	43.1	0	0
146368	11872	334.5	0.99	1.1	0.7	307.6	1	0	87.3	86.8	42.5	43.1	0	0
146369	11864	334	0.96	1.1	0.7	308	1	0	87.3	86.9	42.5	43.2	0	0
146370	11864	334.5	1.006	1.1	0.7	308	1	0	87.3	86.9	42.5	43.2	0	0
146371	11864	334.5	1.015	1.1	1.1	308	1	0	87.3	86.9	42.5	43.2	0	0
146372	11868	333.5	0.995	1.1	0.4	308	1	0	87.3	86.9	42.4	43.2	0	0
146373	11868	333.5	0.935	1.1	0.7	308	1	0	87.3	86.8	42.4	43.1	0	0
146374	11872	334.5	0.965	1.1	0.4	308	1	0	87.3	86.8	42.4	43.1	0	0
146375	11868	335.5	0.963	1.1	0.4	307.6	1	0	87.3	86.9	42.4	43.1	0	0
146376	11868	335	1.024	1.1	1.1	307.6	1	0	87.3	86.9	42.5	43.1	0	0
146377	11868	333.5	0.988	1.1	0.4	307.6	1	0	87.9	87.3	42.5	43.3	0	0
146378	11868	334	1.004	1.1	0.4	308	1	0	87.9	87.3	43	43.3	0	0
146379	11868	334	0.967	1.1	0.4	308	1	0	86.9	86.8	43	43.2	0	0
146380	11872	335	0.967	1.1	0.4	307.6	1	0	86.9	86.8	42.2	43.2	0	0
146381	11868	335.5	0.983	1.1	0.4	307.6	1	0	87.1	86.8	42.2	43.1	0	0
146382	11868	335	1.008	1.1	0.7	307.6	1	0	87.1	86.8	42.4	43.1	0	0
146383	11872	335	0.967	1.1	0.4	307.6	1	0	87.1	86.9	42.4	43.2	0	0
146384	11872	335.5	0.99	1	0.7	307.6	1	0	87.1	86.9	42.6	43.2	0	0
146385	11868	335.5	1.031	1.1	1.4	307.6	1	0	86.8	86.6	42.6	43.1	0	0
146386	11872	335.5	0.924	1	0.7	307.6	1	0	86.8	86.6	42.1	43.1	0	0
146387	11868	334.5	1.011	1	0.4	307.6	1	0	86.5	86.6	42.1	43.1	0	0
146388	11864	336.5	0.99	1	0.7	307.6	1	0	86.5	86.6	42.2	43.1	0	0
146389	11864	336.5	0.949	1	1.1	307.6	1	0	86.6	86.5	42.2	43.1	0	0
146390	11868	336	0.974	1	0.7	307.6	1	0	86.6	86.5	42.2	43.1	0	0
146391	11868	335.5	0.99	1	0.4	307.6	1	0	86.8	86.3	42.2	43.1	0	0
146392	11868	336	0.979	1	0.7	307.6	1	0	86.8	86.3	42.2	43.1	0	0

146393	11872	334.5	0.967	1	0.7	307.6	1	0	86.8	86.1	42.2	43.1	0	0
146394	11868	335.5	0.951	1	0.7	307.6	1	0	86.8	86.1	42.2	43.1	0	0
146395	11864	335.5	0.999	1	0.7	307.6	1	0	86.8	86.3	42.2	43.1	0	0
146396	11872	335.5	1.05	1.1	0.7	307.6	1	0	86.8	86.3	42.2	43.1	0	0
146397	11868	335.5	0.979	1.1	0.4	307.6	1	0	87.1	86.5	42.2	43	0	0
146398	11868	335	0.942	1.1	0.7	307.6	1	0	87.1	86.5	42.5	43	0	0
146399	11872	335	0.972	1.1	0.7	307.6	1	0	87.1	86.3	42.5	43	0	0
146400	11868	335	1.008	1	0.7	307.6	1	0	87.1	86.3	42.5	43	0	0
146401	11868	337	1.029	1.1	0.4	307.6	1	0	86.8	86.5	42.5	43.1	0	0
146402	11868	335.5	1.024	1.1	0.7	307.6	1	0	86.8	86.5	42.5	43.1	0	0
146403	11872	335.5	0.979	1	0.7	307.6	1	0	86.9	86.5	42.5	43.1	0	0
146404	11868	335	0.979	1	0.7	307.6	1	0	86.9	86.5	42.2	43.1	0	0
146405	11868	334.5	0.967	1.1	0.7	308	1	0	86.8	86.3	42.2	43.1	0	0
146406	11872	334.5	0.983	1	0.4	308	1	0	86.8	86.3	42.2	43.1	0	0
146407	11868	335	0.972	1	0.4	307.6	1	0	86.6	86.5	42.2	43.1	0	0
146408	11868	335	0.999	1.1	0.4	307.6	1	0	86.6	86.5	42.2	43.1	0	0
146409	11864	334	0.979	1.1	0.4	307.6	1	0	86.9	86.5	42.2	43.1	0	0
146410	11868	333.5	0.983	1.1	0.4	307.6	1	0	86.9	86.5	42.4	43.1	0	0
146411	11864	333.5	0.951	1.1	0	307.6	1	0	87.1	86.3	42.4	43.1	0	0
146412	11868	334	0.999	1.1	0.4	308	1	0	87.1	86.3	42.4	43.1	0	0
146413	11868	335	1.004	1.1	0.4	307.6	1	0	87.1	86.8	42.4	43.2	0	0
146414	11868	335	0.988	1.1	0.4	307.6	1	0	87.1	86.8	42.5	43.2	0	0
146415	11872	334.5	0.999	1.1	0.4	307.6	1	0	87.3	86.8	42.5	43.3	0	0
146416	11868	334.5	0.942	1	0.4	307.6	1	0	87.3	86.8	42.6	43.3	0	0
146417	11868	335	0.979	1.1	0.7	307.6	1	0	87.1	86.8	42.6	43.2	0	0
146418	11868	335	0.992	1.1	0.7	307.6	1	0	87.1	86.8	42.7	43.2	0	0
146419	11868	335	0.992	1.1	0.7	307.6	1	0	86.9	86.8	42.7	43.2	0	0
146420	11872	335	0.967	1.1	0.4	307.6	1	0	86.9	86.8	42.6	43.2	0	0
146421	11868	335	0.988	1.1	0.4	307.6	1	0	86.8	86.6	42.6	43.1	0	0
146422	11868	335.5	0.933	1.1	0.7	307.6	1	0	86.8	86.6	42.5	43.1	0	0
146423	11872	335.5	0.972	1.1	0.4	307.6	1	0	86.8	86.5	42.5	43.1	0	0
146424	11868	335.5	0.999	1.1	0.7	307.6	1	0	86.8	86.5	42.2	43.1	0	0
146425	11868	336	1.013	1.1	0.4	307.6	1	0	86.8	86.6	42.2	43.1	0	0
146426	11864	336	0.988	1.1	0.4	307.6	1	0	86.8	86.6	42.4	43.1	0	0
146427	11868	334.5	0.965	1.1	0.7	307.6	1	0	86.8	86.5	42.4	43.1	0	0
146428	11864	334.5	1.002	1.1	0.7	307.6	1	0	86.8	86.5	42.4	43.1	0	0
146429	11864	334	1.002	1.1	0.4	307.6	1	0	86.5	86.3	42.4	43	0	0
146430	11868	334	0.976	1.1	0.7	307.6	1	0	86.5	86.3	42.2	43	0	0
146431	11868	335	0.99	1.1	0.7	307.6	1	0	86.9	86.5	42.2	43.1	0	0
146432	11868	334	0.956	1.1	0.4	307.6	1	0	86.9	86.5	42.4	43.1	0	0
146433	11872	334.5	0.99	1.1	0.7	307.6	1	0	86.9	86.3	42.4	43.1	0	0
146434	11872	334	1.011	1.1	0.7	307.6	1	0	86.9	86.3	42.5	43.1	0	0
146435	11868	333.5	0.997	1.1	0.7	307.6	1	0	87.1	86.3	42.5	43.1	0	0
146436	11876	334	0.992	1.1	0.7	307.6	1	0	87.1	86.3	42.5	43.1	0	0
146437	11868	333.5	0.958	1.1	0.4	307.6	1	0	87.3	86.5	42.5	43.1	0	0
146438	11868	333.5	0.983	1.1	0.7	307.6	1	0	87.3	86.5	42.6	43.1	0	0
146439	11876	333.5	0.979	1.1	0.7	307.6	1	0	87.3	86.8	42.6	43.2	0	0
146440	11868	334	0.963	1.1	0.7	307.6	1	0	87.3	86.8	42.6	43.2	0	0
146441	11872	333.5	0.967	1.1	0.4	307.6	1	0	87.3	86.9	42.6	43.2	0	0
146442	11872	333.5	0.983	1.1	0.4	307.6	1	0	87.3	86.9	42.7	43.2	0	0
146443	11868	333.5	0.983	1.1	0.7	307.6	1	0	87.9	87.3	42.7	43.2	0	0
146444	11872	334	0.986	1.1	0.7	308	1	0	87.9	87.3	43.1	43.2	0	0
146445	11868	334	0.94	1	0.4	308	1	0	87.1	87.1	43.1	43.3	0	0
146446	11868	334	0.981	1	0.4	308	1	0	87.1	87.1	42.6	43.3	0	0
146447	11868	334	1.011	1	0.7	307.6	1	0	87.1	87.1	42.6	43.1	0	0
146448	11864	334.5	0.986	1	0.7	307.6	1	0	87.1	87.1	42	43.1	0	0
146449	11868	335	0.981	1.1	0.7	307.6	1	0	87.1	86.9	42	43.1	0	0
146450	11872	335	0.995	1.1	0.7	307.6	1	0	87.1	86.9	42.5	43.1	0	0
146451	11868	335	0.956	1.1	0.7	308	1	0	86.9	86.8	42.5	43.2	0	0
146452	11864	335	0.96	1.1	0.7	308	1	0	86.9	86.8	42.4	43.2	0	0
146453	11876	335	0.949	1	0.7	308	1	0	86.8	86.8	42.4	43	0	0
146454	11868	335	0.953	1	0.4	308	1	0	86.8	86.8	42.2	43	0	0
146455	11872	335.5	0.99	1	0.4	308	1	0	86.8	86.8	42.2	43.1	0	0
146456	11872	335.5	0.986	1	0.4	308	1	0	86.8	86.8	42.2	43.1	0	0
146457	11868	336	0.97	1	0.4	308	1	0	86.9	86.6	42.2	43.1	0	0
146458	11864	336	0.981	1.1	0.7	308	1	0	86.9	86.6	42.2	43.1	0	0
146459	11872	335.5	0.986	1.1	0.7	307.6	1	0	86.8	86.5	42.2	43.1	0	0
146460	11868	335.5	0.974	1.1	0.7	307.6	1	0	86.8	86.5	42.2	43.1	0	0
146461	11868	335.5	0.97	1.1	0.7	308	1	0	86.6	86.3	42.2	43.1	0	0
146462	11868	336	0.947	1.1	0.7	308	1	0	86.6	86.3	42.2	43.1	0	0
146463	11868	336	0.972	1.1	0.7	308	1	0	86.8	86.3	42.2	43	0	0

146464	11868	335.5	0.951	1.1	0.7	308	1	0	86.8	86.3	42.2	43	0	0
146465	11864	336	0.988	1.1	0.7	308	1	0	86.6	86.1	42.2	43	0	0
146466	11872	336	1.008	1.1	0.4	308	1	0	86.6	86.1	42.2	43	0	0
146467	11876	335.5	0.988	1.1	0.4	308	1	0	86.5	86.1	42.2	43	0	0
146468	11868	335.5	0.999	1.1	0.4	308	1	0	86.5	86.1	42.2	43	0	0
146469	11864	335	0.958	1.1	0.4	307.6	1	0	86.6	86	42.2	43	0	0
146470	11864	335	0.97	1.1	0.4	308	1	0	86.6	86	42.2	43	0	0
146471	11868	335	0.976	1.1	0.4	308	1	0	86.8	86.1	42.2	43	0	0
146472	11868	335	1.006	1.1	0.7	308	1	0	86.8	86.1	42.2	43	0	0
146473	11864	335.5	1.006	1.1	0.7	308	1	0	86.9	86.1	42.2	43	0	0
146474	11868	336	1.006	1.1	0.7	308	1	0	86.9	86.1	42.2	43	0	0
146475	11868	335.5	1.011	1.1	0.4	308	1	0	86.9	86.3	42.2	43	0	0
146476	11868	335	0.986	1.3	0.7	308	1	0	86.9	86.3	42.2	43	0	0
146477	11868	335.5	0.935	1.3	0.7	308	1	0	86.6	86.1	42.2	43	0	0
146478	11868	335	0.935	1.1	0.7	308	1	0	86.6	86.1	42.2	43	0	0
146479	11872	335	0.979	1.1	0.4	308	1	0	86.5	86.1	42.2	43	0	0
146480	11872	334.5	0.999	1.1	0.7	308	1	0	86.5	86.1	42.2	43	0	0
146481	11868	334.5	1.02	1.3	0.7	308	1	0	86.8	86.3	42.2	43	0	0
146482	11868	334.5	0.963	1.3	0.7	308	1	0	86.8	86.3	42.2	43	0	0
146483	11872	335	0.979	1.3	0.7	308	1	0	87.1	86.3	42.2	43.1	0	0
146484	11864	334.5	0.947	1.3	0.7	307.6	1	0	87.1	86.3	42.4	43.1	0	0
146485	11868	334.5	0.912	1.1	0.7	308	1	0	87.1	86.5	42.4	43.1	0	0
146486	11868	334	0.999	1.1	0.7	308	1	0	87.1	86.5	42.6	43.1	0	0
146487	11872	334	0.958	1.1	0.4	308	1	0	87.1	86.5	42.6	43.2	0	0
146488	11872	334	0.983	1.1	0.4	308	1	0	87.1	86.5	42.6	43.2	0	0
146489	11868	335	0.999	1.1	0.4	308	1	0	86.9	86.6	42.6	43.2	0	0
146490	11872	333.5	0.999	1.1	0.4	307.6	1	0	86.9	86.6	42.6	43.2	0	0
146491	11872	334.5	1.008	1.1	0.4	307.6	1	0	86.9	86.9	42.6	43.3	0	0
146492	11872	336	0.942	1.1	0.7	307.6	1	0	86.9	86.9	42.6	43.3	0	0
146493	11868	335.5	0.988	1.1	0.4	307.6	1	0	87.1	86.9	42.6	43.3	0	0
146494	11872	334.5	0.979	1.1	0.7	307.6	1	0	87.1	86.9	42.6	43.3	0	0
146495	11872	335	0.972	1.1	0.7	307.6	1	0	86.8	86.8	42.6	43.2	0	0
146496	11868	335.5	0.933	1.1	0.7	307.6	1	0	86.8	86.8	42.4	43.2	0	0
146497	11868	335.5	0.942	1	0.7	307.6	1	0	86.8	86.6	42.4	43	0	0
146498	11872	335	0.979	1	0.7	307.6	1	0	86.8	86.6	42.2	43	0	0
146499	11864	334.5	0.983	1	0.4	307.6	1	0	86.5	86.5	42.2	43.1	0	0
146500	11872	334	0.992	1	0.7	307.6	1	0	86.5	86.5	42.2	43.1	0	0
146501	11868	335.5	0.942	1	0.7	307.6	1	0	86.6	86.3	42.2	43.1	0	0
146502	11872	335.5	0.999	1.1	0.7	307.6	1	0	86.6	86.3	42.2	43.1	0	0
146503	11868	335	0.967	1.1	0.4	307.6	1	0	85.8	86.1	42.2	43	0	0
146504	11868	335.5	0.963	1.1	0.4	307.6	1	0	85.8	86.1	42	43	0	0
146505	11868	334	0.949	1	0.4	307.6	1	0	85.2	85.7	42	42.8	0	0
146506	11864	334	0.995	1.1	0.7	307.6	1	0	85.2	85.7	40.4	42.8	0	0
146507	11864	334.5	0.96	1.1	1.1	307.6	1	0	84.6	85	40.4	42.6	0	0
146508	11864	332.5	0.96	1.1	1.1	307.3	1	0	84.6	85	36.9	42.6	0	0
146509	11860	331.5	1.027	1.3	0.7	307.6	1	0	83.9	84.1	36.9	40.9	0	0
146510	11864	331.5	0.986	1.1	1.1	307.6	1	0	83.9	84.1	32.8	40.9	0	0
146511	11864	331	1.002	1.1	0.7	307.6	1	0	83.1	83.3	32.8	36.3	0	0
146512	11864	329.5	0.96	1.1	1.1	307.6	1	0	83.1	83.3	28.4	36.3	0	0
146513	11860	328.5	1.002	1.3	1.1	307.6	1	0	82.3	82.5	28.4	32.5	0	0
146514	11864	327.5	1.011	1.3	0.7	307.6	1	0	82.3	82.5	23.6	32.5	0	0
146515	11864	326.5	0.97	1.3	1.1	307.6	1	0	81.5	81.7	23.6	29.1	0	0
146516	11864	325.5	1.011	1.5	1.1	307.6	1	0	81.5	81.7	17.8	29.1	0	0
146517	11864	323.5	1.022	1.5	1.1	307.6	1	0	80.6	81.2	17.8	26.6	0	0
146518	11864	322.5	0.99	1.3	0.7	307.6	1	0	80.6	81.2	14.9	26.6	0	0
146519	11864	321.5	0.956	1.3	1.1	307.6	1	0	79.8	80.6	14.9	24.3	0	0
146520	11860	320.5	0.99	1.3	0.7	307.6	1	0	79.8	80.6	26.5	24.3	0	0
146521	11864	319	0.986	1.5	1.1	307.6	1	0	79.1	80.1	26.5	22	0	0
146522	11868	317.5	0.992	1.5	0.7	307.6	1	0	79.1	80.1	27.4	22	0	0
146523	11868	316	0.988	1.5	1.1	307.6	1	0	78.5	79.4	27.4	19.3	0	0
146524	11864	315	0.933	1.5	1.1	307.6	1	0	78.5	79.4	27.7	19.3	0	0
146525	11868	314	0.942	1.5	0.7	307.6	1	0	78.2	78.8	27.7	16.9	0	0
146526	11868	312.5	0.921	1.3	0.7	307.6	1	0	78.2	78.8	27.6	16.9	0	0
146527	11864	310.5	0.972	1.3	1.1	307.6	1	0	78.3	78.2	27.6	17.1	0	0
146528	11868	309	1.004	1.5	0.7	307.6	1	0	78.3	78.2	27.9	17.1	0	0
146529	11868	308.5	1.004	1.5	0.7	307.6	1	0	79.1	77.7	27.9	28.4	0	0
146530	11864	307	1.029	1.7	1.1	307.6	1	0	79.1	77.7	29.9	28.4	0	0
146531	11868	306.5	0.995	1.7	1.1	307.6	1	0	79.9	76.9	29.9	31.3	0	0
146532	11868	305	0.986	1.7	0.7	307.6	1	0	79.9	76.9	32	31.3	0	0
146533	11868	302.5	0.976	1.5	0.7	308	1	0	80.1	76.2	32	32.5	0	0
146534	11872	301.5	0.965	1.5	0.7	308	1	0	80.1	76.2	33.9	32.5	0	0

146535	11872	300.5	1.002	1.7	0.7	308	1	0	81	75.4	33.9	32.9	0	0
146536	11872	299.5	0.99	1.7	0.4	308	1	0	81	75.4	35.8	32.9	0	0
146537	11872	298	0.956	1.7	0.7	308	1	0	81.4	77.7	35.8	33.8	0	0
146538	11868	297	1.002	1.7	0.4	308	1	0	81.4	77.7	37.8	33.8	0	0
146539	11868	296	1.011	1.7	0	308	1	0	81.8	80.7	37.8	37.1	0	0
146540	11872	295	0.979	1.7	-0.3	308	1	0	81.8	80.7	40.8	37.1	0	0
146541	11876	295	1.004	1.8	-0.3	308	1	0	82.2	83	40.8	44.4	0	0
146542	11880	294.5	0.963	1.8	-0.3	307.6	1	0	82.2	83	45.3	44.4	0	0
146543	11876	294	0.958	1.7	-0.3	307.6	1	0	82.8	83.6	45.3	52	0	0
146544	11876	294	0.942	1.7	-0.3	307.6	1	0	82.8	83.6	50.4	52	0	0
146545	11876	292.5	0.967	1.7	0.4	307.6	1	0	83.6	83	50.4	55	0	0
146546	11876	293	0.967	1.5	0	307.6	1	0	83.6	83	52.3	55	0	0
146547	11872	292.5	0.953	1.5	0.4	307.6	1	0	84.1	82.8	52.3	50	0	0
146548	11876	293	0.972	1.5	1.1	307.6	1	0	84.1	82.8	50	50	0	0
146549	11872	293	0.999	1.7	0.4	307.6	1	0	84.1	83.1	50	46.5	0	0
146550	11876	292	1.013	1.7	0.4	307.6	1	0	84.1	83.1	46.8	46.5	0	0
146551	11876	293.5	0.967	1.7	0.7	308	1	0	84.2	83.8	46.8	43.9	0	0
146552	11876	293	1.024	1.7	0.4	308	1	0	84.2	83.8	44.6	43.9	0	0
146553	11876	293.5	1.024	1.7	0.4	308	1	0	84.1	83.9	44.6	42.4	0	0
146554	11876	293	0.958	1.7	0.4	307.6	1	0	84.1	83.9	43	42.4	0	0
146555	11872	293.5	0.967	1.5	0	307.6	1	0	83.6	84.1	43	41.3	0	0
146556	11868	293.5	0.921	1.5	0.4	307.6	1	0	83.6	84.1	41.8	41.3	0	0
146557	11872	292.5	0.965	1.5	0.4	307.6	1	0	83.1	83.6	41.8	39.7	0	0
146558	11872	292	0.976	1.5	0.4	307.6	1	0	83.1	83.6	41.5	39.7	0	0
146559	11864	292	0.944	1.5	0.7	307.6	1	0	85.2	83.6	41.5	44.7	0	0
146560	11864	293.5	0.935	1.3	0.7	307.6	1	0	85.2	83.6	44.9	44.7	0	0
146561	11860	293	0.944	1.3	0.4	308	1	0	85.3	84.1	44.9	44.6	0	0
146562	11856	293	0.878	1	0.7	308	1	0	85.3	84.1	45.1	44.6	0	0
146563	11848	294	0.873	0.6	-0.3	308	1	0	84.6	84.1	45.1	43.1	0	0
146564	11832	293	0.883	0.1	0.7	308	1	0	84.6	84.1	43.9	43.1	0	0
146565	11820	293.5	0.869	0	0.4	307.6	1	0	83.9	83.6	43.9	43.2	0	0
146566	11796	294.5	0.837	-0.4	0	307.6	1	0	83.9	83.6	43.1	43.2	0	0
146567	11776	294.5	0.889	-0.6	0	307.6	1	0	83.3	82.8	43.1	43.2	0	0
146568	11756	294.5	0.899	-0.9	0.4	307.6	1	0	83.3	82.8	42.1	43.2	0	0
146569	11724	295	0.889	-1.3	0	307.6	1	0	82.8	82.3	42.1	43.4	0	0
146570	11696	295.5	0.889	-1.6	0.4	307.6	1	0	82.8	82.3	41.4	43.4	0	0
146571	11664	296	0.899	-1.8	0	307.6	1	0	82.2	81.5	41.4	43.2	0	0
146572	11628	295.5	0.935	-1.8	0.7	307.6	1	0	82.2	81.5	42.4	43.2	0	0
146573	11596	296	1.031	-1.8	0.4	307.6	1	0	81.4	80.9	42.4	43	0	0
146574	11564	297	0.965	-1.8	0.4	307.6	1	0	81.4	80.9	41.8	43	0	0
146575	11524	296.5	0.986	-1.8	0.4	307.6	1	0	80.4	80.6	41.8	43.1	0	0
146576	11500	297	0.956	-1.6	0.7	307.3	1	0	80.4	80.6	41.5	43.1	0	0
146577	11460	296.5	0.981	-1.8	0.4	307.3	1	0	79.6	79.9	41.5	43	0	0
146578	11428	297	0.974	-1.8	0	307.3	1	0	79.6	79.9	39.7	43	0	0
146579	11396	296.5	1.002	-1.6	0.7	307.3	1	0	78.8	79.1	39.7	42.8	0	0
146580	11360	295.5	0.956	-1.6	0.7	307.3	1	0	78.8	79.1	37.6	42.8	0	0
146581	11328	295.5	0.928	-1.8	0.4	307.3	1	0	78	78.5	37.6	42.2	0	0
146582	11300	295.5	1.015	-1.6	0.7	307.3	1	0	78	78.5	36.3	42.2	0	0
146583	11268	295.5	1.105	-1.3	0.7	307.3	1	0	77.2	77.8	36.3	40.7	0	0
146584	11240	295	1.157	-0.7	0.7	307.3	1	0	77.2	77.8	35	40.7	0	0
146585	11216	294	1.043	-0.6	0.7	307.6	1	0	76.7	77.2	35	38.4	0	0
146586	11192	293.5	1.034	-0.4	0.7	307.6	1	0	76.7	77.2	33.9	38.4	0	0
146587	11172	292.5	0.931	-0.6	0.4	307.6	1	0	76.2	76.4	33.9	36.2	0	0
146588	11148	293	0.85	-0.7	0.7	307.6	1	0	76.2	76.4	32.9	36.2	0	0
146589	11120	291.5	1.034	-0.7	0.4	307.3	1	0	75.8	75.4	32.9	34	0	0
146590	11104	291	0.942	-0.7	0.4	307.3	1	0	75.8	75.4	31.7	34	0	0
146591	11072	291	0.992	-0.7	0.4	307.3	1	0	75.4	74.8	31.7	32.7	0	0
146592	11052	290	0.979	-0.6	0.4	307.3	1	0	75.4	74.8	30.9	32.7	0	0
146593	11024	290	0.988	-0.6	0.4	307.3	1	0	75	74.2	30.9	31.6	0	0
146594	11004	288.5	0.988	-0.6	0.4	307.3	1	0	75	74.2	30.2	31.6	0	0
146595	10980	287.5	0.983	-0.6	0.4	307.3	1	0	74.5	73.7	30.2	30.8	0	0
146596	10956	286.5	0.972	-0.6	0.4	307.3	1	0	74.5	73.7	29.7	30.8	0	0
146597	10932	286	0.972	-0.6	0.4	307.3	1	0	74.2	73	29.7	30.1	0	0
146598	10908	285	0.947	-0.6	0.4	307.3	1	0	74.2	73	29.4	30.1	0	0
146599	10888	284.5	0.988	-0.7	0	307.3	1	0	74	72.6	29.4	29.5	0	0
146600	10864	284	0.999	-0.6	0	307.3	1	0	74	72.6	29	29.5	0	0
146601	10840	284	1.004	-0.6	0	307.3	1	0	73.5	72.4	29	29.1	0	0
146602	10812	283.5	1.013	-0.4	0.4	307.3	1	0	73.5	72.4	28.5	29.1	0	0
146603	10788	283.5	0.979	-0.4	0.4	307.3	1	0	73.4	72.1	28.5	28.8	0	0
146604	10764	283.5	1.008	-0.4	0.4	307.3	1	0	73.4	72.1	28.3	28.8	0	0
146605	10744	283	0.999	-0.6	0.4	307.3	1	0	73	71.9	28.3	28.6	0	0

146606	10720	283	0.999	-0.6	0.4	307.6	1	0	73	71.9	28	28.6	0	0
146607	10696	282.5	1.024	-0.4	0.4	307.6	1	0	73	71.6	28	28.4	0	0
146608	10680	282	1.008	-0.6	0.4	307.6	1	0	73	71.6	27.9	28.4	0	0
146609	10648	281.5	0.967	-0.6	0.7	307.6	1	0	72.9	71.3	27.9	28.2	0	0
146610	10632	281	0.963	-0.6	0.4	307.6	1	0	72.9	71.3	27.6	28.2	0	0
146611	10604	280.5	0.974	-0.6	0.4	307.6	1	0	72.6	71	27.6	27.9	0	0
146612	10576	279.5	0.967	-0.7	0.4	307.6	1	0	72.6	71	27.4	27.9	0	0
146613	10552	279.5	0.979	-0.6	0	307.6	1	0	72.6	70.8	27.4	27.6	0	0
146614	10532	279	0.999	-0.6	0	307.3	1	0	72.6	70.8	27.2	27.6	0	0
146615	10508	278.5	1.008	-0.6	0	307.3	1	0	72.2	70.6	27.2	27.3	0	0
146616	10488	278	0.974	-0.4	0	307.3	1	0	72.2	70.6	27	27.3	0	0
146617	10460	277.5	0.979	-0.6	0.4	307.3	1	0	72.1	70.3	27	27.1	0	0
146618	10440	277	0.953	-0.6	0.4	307.3	1	0	72.1	70.3	26.7	27.1	0	0
146619	10420	276.5	0.953	-0.6	0	307.3	1	0	71.9	70.3	26.7	27	0	0
146620	10392	276	0.963	-0.6	0	307.3	1	0	71.9	70.3	26.5	27	0	0
146621	10372	276	0.958	-0.7	0	307.3	1	0	71.8	70	26.5	26.7	0	0
146622	10344	275	0.958	-0.7	0	307.3	1	0	71.8	70	26.4	26.7	0	0
146623	10324	275	0.979	-0.6	0	307.3	1	0	71.6	69.7	26.4	26.5	0	0
146624	10300	274.5	1.02	-0.6	0	307.3	1	0	71.6	69.7	26.1	26.5	0	0
146625	10276	274	0.967	-0.4	0.4	307.3	1	0	71.4	69.5	26.1	26.4	0	0
146626	10252	273.5	0.97	-0.6	0.4	307.3	1	0	71.4	69.5	26	26.4	0	0
146627	10228	273.5	0.908	-0.6	0.4	307.3	1	0	71.3	69.2	26	26.1	0	0
146628	10208	272.5	0.928	-0.7	0	307.3	1	0	71.3	69.2	25.9	26.1	0	0
146629	10180	272	1.015	-0.6	0	307.3	1	0	71.3	69	25.9	25.9	0	0
146630	10164	271.5	1.052	-0.2	0	307.3	1	0	71.3	69	25.7	25.9	0	0
146631	10140	271.5	1.02	0	0	306.9	1	0	71.1	68.9	25.7	25.7	0	0
146632	10116	271	1.02	0	0	306.9	1	0	71.1	68.9	25.5	25.7	0	0
146633	10100	270.5	1.006	0	0	306.9	1	0	71	68.7	25.5	25.5	0	0
146634	10080	270	0.956	0	0	306.9	1	0	71	68.7	25.4	25.5	0	0
146635	10060	269.5	0.96	-0.2	0.4	306.9	1	0	70.8	68.7	25.4	25.4	0	0
146636	10036	269	0.956	-0.2	0.4	306.9	1	0	70.8	68.7	25.3	25.4	0	0
146637	10020	268.5	0.956	-0.4	0.4	306.9	1	0	70.6	68.4	25.3	25.3	0	0
146638	10000	268	0.96	-0.4	0.4	306.9	1	0	70.6	68.4	25.2	25.3	0	0
146639	9976	267.5	0.981	-0.4	0.4	306.9	1	0	70.5	68.4	25.2	25.1	0	0
146640	9956	266.5	1.011	-0.2	0.4	306.9	1	0	70.5	68.4	24.9	25.1	0	0
146641	9936	266	1.011	-0.2	0.4	306.9	1	0	70.5	68.1	24.9	24.8	0	0
146642	9916	265	0.99	-0.2	0	306.9	1	0	70.5	68.1	24.8	24.8	0	0
146643	9896	265	0.986	-0.2	0	306.9	1	0	70.3	67.8	24.8	24.6	0	0
146644	9872	264.5	0.981	-0.2	-0.3	306.9	1	0	70.3	67.8	24.6	24.6	0	0
146645	9852	264	0.974	-0.2	-0.3	306.9	1	0	70.3	67.9	24.6	24.5	0	0
146646	9836	263.5	0.981	-0.2	-0.3	306.9	1	0	70.3	67.9	24.5	24.5	0	0
146647	9812	263	0.981	-0.2	0	306.9	1	0	70	69.8	24.5	24.6	0	0
146648	9792	263	0.97	-0.2	0	306.9	1	0	70	69.8	24.5	24.6	0	0
146649	9772	262.5	1.006	-0.2	0	306.9	1	0	70	71	24.5	25.4	0	0
146650	9752	261.5	0.986	0	0	306.9	1	0	70	71	24.5	25.4	0	0
146651	9732	261	0.981	0	0	306.9	1	0	69.8	71.3	24.5	26	0	0
146652	9716	260	0.96	0	0	306.9	1	0	69.8	71.3	24.6	26	0	0
146653	9692	260	0.956	0	0	306.9	1	0	70	71	24.6	26.3	0	0
146654	9672	260	0.965	0	0.4	306.9	1	0	70	71	24.7	26.3	0	0
146655	9656	259.5	0.965	0	0.4	306.6	1	0	69.8	72.9	24.7	26.7	0	0
146656	9636	259.5	0.99	-0.2	0.4	306.6	1	0	69.8	72.9	24.9	26.7	0	0
146657	9616	259	0.944	-0.2	0.4	306.6	1	0	71.3	72.9	24.9	27.2	0	0
146658	9592	259	0.986	-0.2	0.4	306.9	1	0	71.3	72.9	25.5	27.2	0	0
146659	9576	258.5	0.956	-0.2	0.4	306.9	1	0	72.1	72.2	25.5	27.4	0	0
146660	9556	258.5	0.981	-0.2	0.4	306.9	1	0	72.1	72.2	26	27.4	0	0
146661	9536	258	0.992	-0.2	0.4	306.9	1	0	72.1	71.3	26	27.4	0	0
146662	9512	258	0.967	-0.2	0.4	306.9	1	0	72.1	71.3	26.1	27.4	0	0
146663	9492	258	1.018	-0.2	0.4	306.9	1	0	71.4	70.6	26.1	27.1	0	0
146664	9472	257.5	1.029	0	0.4	306.9	1	0	71.4	70.6	26.1	27.1	0	0
146665	9448	257	1.008	0	0	306.9	1	0	71	69.8	26.1	26.7	0	0
146666	9428	257	0.967	0	0	306.9	1	0	71	69.8	25.8	26.7	0	0
146667	9412	256.5	0.988	0	0	306.9	1	0	70.8	70.5	25.8	26.5	0	0
146668	9388	256.5	0.972	0	0	306.9	1	0	70.8	70.5	25.5	26.5	0	0
146669	9368	256	0.967	0	0	306.9	1	0	70.5	70.5	25.5	26.5	0	0
146670	9352	255.5	0.96	0	0	306.9	1	0	70.5	70.5	25.4	26.5	0	0
146671	9332	255.5	0.965	0	0	306.9	1	0	70.2	70.8	25.4	26.5	0	0
146672	9312	255	0.995	-0.2	0	306.9	1	0	70.2	70.8	25.3	26.5	0	0
146673	9288	255	0.97	-0.2	0	306.9	1	0	70.3	71.6	25.3	26.7	0	0
146674	9268	254.5	1.002	-0.2	0	306.9	1	0	70.3	71.6	25.3	26.7	0	0
146675	9244	254.5	0.986	0	0	306.9	1	0	71.9	71.1	25.3	26.8	0	0
146676	9228	254	0.99	0	0.4	306.9	1	0	71.9	71.1	25.8	26.8	0	0

146677	9208	254	0.995	0	0.7	306.9	1	0	72.1	71.9	25.8	27	0	0
146678	9180	253.5	0.965	0	0.7	306.9	1	0	72.1	71.9	26.1	27	0	0
146679	9164	253.5	0.99	0.1	0.7	306.9	1	0	72.7	72.7	26.1	27.4	0	0
146680	9148	253	0.995	0.1	0.7	307.3	1	0	72.7	72.7	26.6	27.4	0	0
146681	9128	252.5	0.99	0.1	0.4	307.3	1	0	73.2	73.4	26.6	28.2	0	0
146682	9108	252.5	0.995	0.1	0.4	307.3	1	0	73.2	73.4	27.1	28.2	0	0
146683	9088	251.5	0.986	0.1	0	307.3	1	0	73.8	74.2	27.1	28.6	0	0
146684	9068	251.5	0.97	0.1	-0.3	307.3	1	0	73.8	74.2	27.6	28.6	0	0
146685	9048	251.5	1.002	0	-0.3	306.9	1	0	74.6	74.6	27.6	29.2	0	0
146686	9024	251	1.006	0	-0.3	306.9	1	0	74.6	74.6	28.2	29.2	0	0
146687	9008	251	0.995	0.1	-0.3	306.9	1	0	75.4	75.3	28.2	29.9	0	0
146688	8984	251	1.002	0.1	0	306.9	1	0	75.4	75.3	28.8	29.9	0	0
146689	8964	250.5	0.995	0.1	0	306.9	1	0	76.1	75.9	28.8	30.7	0	0
146690	8944	250.5	1.002	0.3	0.4	306.9	1	0	76.1	75.9	29.5	30.7	0	0
146691	8924	250	0.96	0.3	0.4	306.9	1	0	76.6	76.2	29.5	31.9	0	0
146692	8904	250	0.965	0.3	0.7	306.9	1	0	76.6	76.2	30.3	31.9	0	0
146693	8884	250	0.97	0.3	0.7	306.9	1	0	77.2	76.7	30.3	33.3	0	0
146694	8864	249.5	0.981	0.1	0.4	307.3	1	0	77.2	76.7	31.5	33.3	0	0
146695	8848	249.5	0.944	0.1	0.4	307.3	1	0	77.5	76.2	31.5	34.4	0	0
146696	8828	249.5	0.963	0	0.4	307.3	1	0	77.5	76.2	32.9	34.4	0	0
146697	8812	249.5	0.983	0	0.4	307.3	1	0	77.5	75.9	32.9	35.1	0	0
146698	8788	249.5	0.979	0	0.4	307.3	1	0	77.5	75.9	34.2	35.1	0	0
146699	8768	249.5	0.992	0	0	307.3	1	0	77.5	76.1	34.2	35.7	0	0
146700	8748	249.5	0.988	0	0	307.3	1	0	77.5	76.1	34.8	35.7	0	0
146701	8732	249.5	0.974	0	0	307.3	1	0	77.2	76.4	34.8	36.2	0	0
146702	8708	250	0.988	0	0	307.3	1	0	77.2	76.4	35	36.2	0	0
146703	8688	250	0.988	0	0	307.3	1	0	76.7	76.7	35	36.6	0	0
146704	8664	250	0.99	0	-0.3	307.3	1	0	76.7	76.7	34.6	36.6	0	0
146705	8648	250	0.976	0.1	-0.3	307.3	1	0	76.7	76.1	34.6	36.9	0	0
146706	8628	250	0.995	0.1	-0.3	307.3	1	0	76.7	76.1	34.4	36.9	0	0
146707	8608	250	0.99	0	0	307.3	1	0	76.7	75.6	34.4	36.5	0	0
146708	8588	249.5	0.97	0	0.4	307.3	1	0	76.7	75.6	34.1	36.5	0	0
146709	8572	249.5	0.981	0	0.7	307.3	1	0	76.7	75.4	34.1	35.8	0	0
146710	8548	249.5	0.97	0	0.7	307.3	1	0	76.7	75.4	33.6	35.8	0	0
146711	8532	249	0.965	-0.2	0.7	307.3	1	0	76.7	75.9	33.6	35.2	0	0
146712	8508	249.5	0.976	-0.2	0.7	307.3	1	0	76.7	75.9	33.4	35.2	0	0
146713	8488	249	0.949	-0.2	0.4	307.3	1	0	76.7	75.9	33.4	35.1	0	0
146714	8468	249	0.97	-0.2	-0.3	307.3	1	0	76.7	75.9	33.3	35.1	0	0
146715	8444	249	0.99	-0.2	-0.3	307.3	1	0	76.9	76.6	33.3	35.2	0	0
146716	8428	248.5	0.974	0	-0.3	307.3	1	0	76.9	76.6	33.2	35.2	0	0
146717	8408	248.5	0.981	0	-0.3	306.9	1	0	77.4	77	33.2	36.2	0	0
146718	8392	248.5	0.974	0	0	306.9	1	0	77.4	77	33.8	36.2	0	0
146719	8372	248.5	0.965	0	0.4	306.9	1	0	78.5	77.4	33.8	37.2	0	0
146720	8352	249.5	1.002	0	0.4	306.9	1	0	78.5	77.4	35.7	37.2	0	0
146721	8332	249.5	0.949	0	0.7	307.3	1	0	78.5	77.4	35.7	38.7	0	0
146722	8312	249.5	0.983	0	0.7	307.3	1	0	78.5	77.4	37.3	38.7	0	0
146723	8296	249.5	0.967	-0.2	0.7	307.3	1	0	78.2	77	37.3	39.7	0	0
146724	8272	249.5	0.958	-0.2	0.4	307.3	1	0	78.2	77	38.4	39.7	0	0
146725	8248	249.5	0.988	-0.2	0	307.3	1	0	77.5	76.6	38.4	40.2	0	0
146726	8232	250	0.979	-0.2	0	307.3	1	0	77.5	76.6	38.4	40.2	0	0
146727	8208	250.5	0.958	-0.2	-0.3	307.3	1	0	76.9	76.4	38.4	40	0	0
146728	8188	251	0.983	-0.2	-0.7	307.3	1	0	76.9	76.4	37.6	40	0	0
146729	8168	251	0.983	-0.2	-0.3	306.9	1	0	76.6	76.2	37.6	39.5	0	0
146730	8148	251	1.004	-0.2	-0.3	306.9	1	0	76.6	76.2	36.3	39.5	0	0
146731	8128	251	0.967	0	0	306.9	0	0	76.1	76.1	36.3	38.5	0	0
146732	8104	251	0.967	0	0.4	306.9	0	0	76.1	76.1	34.8	38.5	0	0
146733	8088	251	0.983	0	0.4	306.9	0	0	75.6	75.8	34.8	37.6	0	0
146734	8068	251	0.979	0	0.7	306.9	0	0	75.6	75.8	33.6	37.6	0	0
146735	8052	250.5	0.951	0	0.7	306.9	0	0	76.2	75.1	33.6	36.4	0	0
146736	8028	250.5	0.979	-0.2	0.7	307.3	0	0	76.2	75.1	33.2	36.4	0	0
146737	8012	250.5	0.988	-0.2	0.4	307.3	0	0	76.4	74.6	33.2	34.7	0	0
146738	7984	250.5	0.963	-0.2	0.4	307.3	0	0	76.4	74.6	32.7	34.7	0	0
146739	7968	250.5	0.958	-0.2	0.4	307.3	0	0	76.7	74.5	32.7	33.4	0	0
146740	7944	251	0.953	-0.2	0	307.3	0	0	76.7	74.5	32.2	33.4	0	0
146741	7924	251	0.983	-0.2	0	307.3	0	0	76.6	74.8	32.2	32.8	0	0
146742	7908	251	0.988	-0.2	0	307.3	0	0	76.6	74.8	31.9	32.8	0	0
146743	7888	250.5	0.983	-0.2	0	307.3	0	0	76.2	74.6	31.9	32.3	0	0
146744	7864	250.5	0.979	-0.2	0	307.3	0	0	76.2	74.6	31.5	32.3	0	0
146745	7844	250	0.967	-0.2	0	307.3	0	0	76.1	75.6	31.5	32.6	0	0
146746	7828	250	0.988	-0.2	0	307.3	0	0	76.1	75.6	31.4	32.6	0	0
146747	7808	250	0.974	-0.2	-0.3	307.3	0	0	76.2	76.4	31.4	33.2	0	0

146748	7784	250.5	0.963	-0.2	-0.3	307.3	0	0	76.2	76.4	31.4	33.2	0	0
146749	7764	250.5	0.958	-0.2	-0.3	307.3	0	0	76.6	76.6	31.4	34.5	0	0
146750	7744	251	0.967	-0.2	-0.3	306.9	0	0	76.6	76.6	31.9	34.5	0	0
146751	7728	251	0.972	-0.2	0	306.9	0	0	76.7	75.9	31.9	35.6	0	0
146752	7708	251	0.972	-0.2	0	306.9	0	0	76.7	75.9	32.6	35.6	0	0
146753	7684	251	0.972	-0.2	0.4	306.9	0	0	76.7	75.6	32.6	35.9	0	0
146754	7664	250.5	0.951	-0.2	0.7	306.9	0	0	76.7	75.6	33.1	35.9	0	0
146755	7640	250.5	0.988	-0.2	1.1	307.3	0	0	76.2	75.4	33.1	35.8	0	0
146756	7624	250.5	0.965	-0.2	0.7	307.3	0	0	76.2	75.4	33.1	35.8	0	0
146757	7600	250.5	0.99	-0.2	0.7	307.3	0	0	76.1	75.1	33.1	35.3	0	0
146758	7580	250.5	0.97	-0.2	0.4	307.3	0	0	76.1	75.1	32.7	35.3	0	0
146759	7560	250.5	1.002	-0.2	0.4	307.3	0	0	76.1	75.1	32.7	34.8	0	0
146760	7540	250.5	0.981	0	0	307.3	0	0	76.1	75.1	32.5	34.8	0	0
146761	7524	250.5	1.006	0	0	307.3	0	0	76.7	75	32.5	34.2	0	0
146762	7500	250.5	0.96	0	-0.3	307.3	0	0	76.7	75	32.3	34.2	0	0
146763	7476	250	1.006	0	-0.3	307.3	0	0	76.7	75	32.3	33.6	0	0
146764	7456	250	0.981	0	-0.3	307.3	0	0	76.7	75	32.3	33.6	0	0
146765	7440	250.5	0.953	0.1	0	307.3	0	0	76.6	75.3	32.3	33.3	0	0
146766	7416	250.5	0.988	0.1	0	307.3	0	0	76.6	75.3	32.2	33.3	0	0
146767	7404	250.5	0.958	0	0	307.3	0	0	76.6	75	32.2	33.3	0	0
146768	7380	250.5	0.942	0	0	307.3	0	0	76.6	75	32.2	33.3	0	0
146769	7360	250.5	0.947	0	0.4	307.3	0	0	76.2	75.3	32.2	33.2	0	0
146770	7340	250.5	0.967	0	0.4	307.3	0	0	76.2	75.3	31.9	33.2	0	0
146771	7320	250.5	0.963	0	0.4	307.3	0	0	75.9	76.1	31.9	33.6	0	0
146772	7300	251	0.983	0	0.4	307.3	0	0	75.9	76.1	31.7	33.6	0	0
146773	7276	251	0.999	0	0	307.3	0	0	75.6	75.8	31.7	34.5	0	0
146774	7256	251	0.988	0.1	0	307.3	0	0	75.6	75.8	31.7	34.5	0	0
146775	7240	251	0.988	0.1	0	307.3	0	0	75.6	75.4	31.7	34.7	0	0
146776	7224	251	0.992	0.1	0.4	307.3	0	0	75.6	75.4	31.7	34.7	0	0
146777	7200	251	1.008	0.1	0.4	307.3	0	0	75.6	75	31.7	34.6	0	0
146778	7184	250.5	0.963	0.1	0.4	307.3	0	0	75.6	75	31.7	34.6	0	0
146779	7160	250.5	0.963	0	0.7	307.6	0	0	75.4	75.1	31.7	34.4	0	0
146780	7136	250	0.951	0	0.7	307.6	0	0	75.4	75.1	31.7	34.4	0	0
146781	7120	250	0.972	0	0.7	307.6	0	0	75.3	74.8	31.7	34.1	0	0
146782	7100	250.5	0.958	0	0.4	307.6	0	0	75.3	74.8	31.6	34.1	0	0
146783	7084	251	0.983	0	0.4	307.6	0	0	75.9	74.8	31.6	33.8	0	0
146784	7060	250.5	0.988	0	0	307.6	0	0	75.9	74.8	31.5	33.8	0	0
146785	7036	250.5	0.983	0	-0.3	307.6	0	0	76.4	74.6	31.5	33.5	0	0
146786	7016	250.5	0.988	0.1	-0.3	307.6	0	0	76.4	74.6	31.6	33.5	0	0
146787	7000	250.5	0.979	0.1	-0.3	307.6	0	0	75.8	74.8	31.6	33.4	0	0
146788	6980	250.5	0.992	0.1	-0.3	307.6	0	0	75.8	74.8	31.5	33.4	0	0
146789	6960	250.5	0.979	0.1	0	307.3	0	0	75.4	75	31.5	33.3	0	0
146790	6940	250	0.951	0	0	307.3	0	0	75.4	75	31.4	33.3	0	0
146791	6920	250	0.974	0	0.4	307.3	0	0	75.4	75	31.4	33.2	0	0
146792	6896	249.5	0.97	0	0.4	307.3	0	0	75.4	75	31.3	33.2	0	0
146793	6884	249.5	0.974	-0.2	0.4	307.6	0	0	75.4	74.6	31.3	33.2	0	0
146794	6860	250	0.974	-0.2	0.4	307.6	0	0	75.4	74.6	31.3	33.2	0	0
146795	6840	249.5	0.99	-0.2	0.7	307.6	0	0	76.2	75.3	31.3	33.2	0	0
146796	6824	249.5	1.002	0	0.7	307.6	0	0	76.2	75.3	31.5	33.2	0	0
146797	6796	249.5	1.02	0	0.4	307.6	0	0	76.4	75.3	31.5	33.4	0	0
146798	6776	249.5	1.006	0	0.4	307.6	0	0	76.4	75.3	31.7	33.4	0	0
146799	6760	249	1.015	0	0.4	307.6	0	0	76.6	76.1	31.7	33.6	0	0
146800	6744	249	0.983	0	0	307.6	0	0	76.6	76.1	32.1	33.6	0	0
146801	6724	248.5	0.983	0	-0.3	307.6	0	0	76.6	76.2	32.1	34.6	0	0
146802	6704	249.5	0.963	0	-0.3	307.6	0	0	76.6	76.2	32.5	34.6	0	0
146803	6680	249.5	0.937	-0.2	-0.7	307.6	0	0	76.9	76.2	32.5	35.4	0	0
146804	6660	249.5	0.992	-0.2	-0.3	307.3	0	0	76.9	76.2	33.1	35.4	0	0
146805	6636	249.5	0.963	-0.2	-0.3	307.3	0	0	77	76.6	33.1	36.3	0	0
146806	6620	250	0.963	-0.2	0	307.6	0	0	77	76.6	33.9	36.3	0	0
146807	6608	249.5	0.963	-0.2	0.4	307.6	0	0	77.2	76.4	33.9	37	0	0
146808	6584	249.5	0.999	-0.2	1.1	307.6	0	0	77.2	76.4	34.6	37	0	0
146809	6564	249	0.983	-0.2	1.1	307.6	0	0	76.7	75.6	34.6	37.2	0	0
146810	6536	249	0.983	-0.2	1.1	307.6	0	0	76.7	75.6	34.7	37.2	0	0
146811	6520	249	0.999	-0.2	0.4	307.6	0	0	76.4	75.4	34.7	37.1	0	0
146812	6500	248.5	0.983	-0.2	0	307.6	0	0	76.4	75.4	34.7	37.1	0	0
146813	6484	248.5	0.999	-0.2	0	307.6	0	0	77	76.2	34.7	37	0	0
146814	6464	248.5	0.967	-0.2	0	307.6	0	0	77	76.2	34.7	37	0	0
146815	6440	248.5	0.979	-0.2	-0.3	307.6	0	0	77	76.1	34.7	37.1	0	0
146816	6416	248.5	0.999	-0.2	0	307.6	0	0	77	76.1	34.8	37.1	0	0
146817	6400	249	0.983	-0.2	0	307.3	0	0	77.2	76.7	34.8	37.3	0	0
146818	6380	249	0.974	-0.2	0.4	307.3	0	0	77.2	76.7	35.1	37.3	0	0

146819	6360	249	0.967	-0.2	0.4	307.3	0	0	77	76.7	35.1	38.1	0	0
146820	6344	249	0.988	0	0.4	307.3	0	0	77	76.7	35.4	38.1	0	0
146821	6328	249	0.974	0	0.4	307.3	0	0	77.2	76.4	35.4	38.5	0	0
146822	6300	249.5	0.974	0	0	307.6	0	0	77.2	76.4	35.8	38.5	0	0
146823	6280	249	0.958	-0.2	0	307.6	0	0	77.2	76.1	35.8	38.7	0	0
146824	6260	249	0.958	-0.2	0	307.6	0	0	77.2	76.1	35.9	38.7	0	0
146825	6236	249.5	0.979	-0.2	0	307.6	0	0	77.2	75.9	35.9	38.4	0	0
146826	6220	249.5	0.976	-0.2	0	307.6	0	0	77.2	75.9	35.9	38.4	0	0
146827	6200	249.5	0.965	-0.2	0.4	307.6	0	0	77.2	75.8	35.9	38.1	0	0
146828	6184	249	1.002	-0.2	0.4	307.6	0	0	77.2	75.8	35.9	38.1	0	0
146829	6156	249.5	0.99	-0.2	0.4	307.6	0	0	77.2	76.2	35.9	37.9	0	0
146830	6136	249.5	1.006	0	0	307.6	0	0	77.2	76.2	35.9	37.9	0	0
146831	6116	250	0.97	0	0	307.3	0	0	77	75.9	35.9	37.9	0	0
146832	6096	250	1.006	0	-0.3	307.3	0	0	77	75.9	35.9	37.9	0	0
146833	6084	251	1.002	0	0	307.3	0	0	77.2	75.8	35.9	37.8	0	0
146834	6060	251.5	0.958	0	0	307.3	0	0	77.2	75.8	35.8	37.8	0	0
146835	6044	251.5	0.951	0	0	307.3	0	0	76.7	75.8	35.8	37.7	0	0
146836	6020	251.5	0.937	-0.2	-0.3	307.3	0	0	76.7	75.8	35.7	37.7	0	0
146837	6000	251.5	0.942	-0.2	-0.3	306.9	0	0	76.1	75.6	35.7	37.5	0	0
146838	5988	251.5	0.937	-0.2	0	306.9	0	0	76.1	75.6	35	37.5	0	0
146839	5964	251	1.013	0	0	306.9	0	0	75.1	75	35	37	0	0
146840	5948	251	1.059	0.1	0.4	306.9	0	0	75.1	75	33.9	37	0	0
146841	5932	250.5	1.079	0.4	0.7	306.9	0	0	74.6	74.5	33.9	35.9	0	0
146842	5920	249.5	1.079	1	1.1	306.9	0	0	74.6	74.5	32.9	35.9	0	0
146843	5908	249	1.038	1.3	0.7	307.3	0	0	76.2	74.3	32.9	34.6	0	0
146844	5900	248.5	1.034	1.5	0.7	307.3	0	0	76.2	74.3	32.9	34.6	0	0
146845	5892	248.5	1.038	1.7	0.4	307.3	0	0	78.5	77.5	32.9	34.5	0	0
146846	5892	248	1.059	2	0.4	307.3	0	0	78.5	77.5	34.6	34.5	0	0
146847	5884	248	1.034	2.2	0.4	307.6	0	0	79.8	80.6	34.6	38.2	0	0
146848	5884	248	1.034	2.2	-0.3	307.3	0	0	79.8	80.6	38.5	38.2	0	0
146849	5884	248	0.992	2.2	-1	307.3	0	0	80.2	81.5	38.5	43.6	0	0
146850	5884	248	0.963	2.2	-1	306.9	0	0	80.2	81.5	42.8	43.6	0	0
146851	5880	248.5	0.963	2	-0.7	306.9	0	0	80.6	80.9	42.8	43.8	0	0
146852	5880	249	0.972	2	-0.3	306.9	0	0	80.6	80.9	44	43.8	0	0
146853	5872	249.5	0.979	2	0.4	306.9	0	0	80.9	80.4	44	40.2	0	0
146854	5876	249.5	0.992	2	0.7	306.9	0	0	80.9	80.4	43.1	40.2	0	0
146855	5872	250	0.967	2.2	1.1	306.9	0	0	80.9	80.4	43.1	36.4	0	0
146856	5872	250	0.999	2.2	1.1	307.3	0	0	80.9	80.4	41.8	36.4	0	0
146857	5868	250	0.983	2.2	1.1	307.3	0	0	80.7	80.2	41.8	35.7	0	0
146858	5864	250	1.004	2.4	0.7	307.3	0	0	80.7	80.2	42.6	35.7	0	0
146859	5864	250	0.988	2.4	0.4	307.3	0	0	80.4	80.2	42.6	35.1	0	0
146860	5868	249.5	0.983	2.4	0	307.3	0	0	80.4	80.2	42.4	35.1	0	0
146861	5864	249.5	0.997	2.4	-0.3	307.3	0	0	80.6	80.2	42.4	34.5	0	0
146862	5868	250	0.976	2.4	-0.3	307.3	0	0	80.6	80.2	42.2	34.5	0	0
146863	5868	249.5	1.004	2.2	0	307.3	0	0	80.7	80.2	42.2	34.2	0	0
146864	5864	249.5	0.976	2.2	0	307.3	0	0	80.7	80.2	42.1	34.2	0	0
146865	5864	249.5	0.972	2.2	0.4	307.3	0	0	81.4	80.2	42.1	34	0	0
146866	5864	249	1.013	2.2	0.7	307.3	0	0	81.4	80.2	42.1	34	0	0
146867	5860	248.5	0.976	2.4	0.7	307.3	0	0	81.2	80.4	42.1	34	0	0
146868	5860	248.5	0.992	2.4	0.7	307.3	0	0	81.2	80.4	42.2	34	0	0
146869	5864	248.5	0.967	2.4	0.4	307.3	0	0	81.4	80.4	42.2	34.1	0	0
146870	5864	248.5	0.999	2.4	0.4	307.6	0	0	81.4	80.4	42.5	34.1	0	0
146871	5864	248.5	1.008	2.5	0.4	307.6	0	0	81.5	80.7	42.5	34.4	0	0
146872	5864	248.5	0.972	2.5	0	307.6	0	0	81.5	80.7	42.7	34.4	0	0
146873	5868	248.5	0.979	2.5	0	307.6	0	0	81.8	81	42.7	35.6	0	0
146874	5868	249	0.958	2.4	-1	307.3	0	0	81.8	81	43	35.6	0	0
146875	5868	249.5	0.988	2.4	-2.1	307.3	0	0	82	81.2	43	36.4	0	0
146876	5868	250	0.979	2.4	-3.5	306.9	0	0	82	81.2	43.2	36.4	0	0
146877	5868	250	0.947	2.2	-4.5	306.9	0	0	81.8	81.2	43.2	37.1	0	0
146878	5864	250	0.986	2.2	-5.2	306.6	0	0	81.8	81.2	43.2	37.1	0	0
146879	5864	250	0.976	2.2	-5.6	306.2	0	0	81.2	81.4	43.2	37.6	0	0
146880	5864	250.5	0.981	2.2	-5.9	305.5	0	0	81.2	81.4	43	37.6	0	0
146881	5868	251	0.981	2.2	-5.6	305.2	0	0	81.2	81	43	37.6	0	0
146882	5864	251	0.97	2.2	-5.6	304.8	0	0	81.2	81	42.6	37.6	0	0
146883	5860	251	0.935	2	-5.2	304.5	0	0	81.2	80.7	42.6	37	0	0
146884	5856	251	0.894	1.7	-4.9	304.1	0	0	81.2	80.7	42.5	37	0	0
146885	5852	251	0.903	1.3	-4.5	303.7	0	0	81	80.4	42.5	35.7	0	0
146886	5840	251.5	0.903	1.1	-4.5	303.7	0	0	81	80.4	42.5	35.7	0	0
146887	5836	251.5	0.908	0.8	-4.5	303.4	0	0	80.7	80.4	42.5	34.5	0	0
146888	5824	252	0.97	0.8	-4.5	303	0	0	80.7	80.4	42.4	34.5	0	0
146889	5804	252	1.002	1	-4.2	302.7	0	0	80.2	80.2	42.4	33.4	0	0

146890	5800	252.5	1.002	1.1	-2.4	302.3	0	0	80.2	80.2	41.6	33.4	0	0
146891	5788	252.5	0.995	1.1	1.1	302.3	0	0	79.9	79.9	41.6	31.6	0	0
146892	5776	252.5	0.99	1.3	5.3	302.3	0	0	79.9	79.9	40.3	31.6	0	0
146893	5760	252.5	0.94	1	10.5	303	0	0	79.6	79.1	40.3	29.1	0	0
146894	5756	252.5	0.949	0.8	15.1	303.7	0	0	79.6	79.1	38.5	29.1	0	0
146895	5740	252.5	0.944	0.6	19.3	305.2	0	0	79.6	78.8	38.5	27.3	0	0
146896	5724	252.5	1.006	0.6	23.2	306.6	0	0	79.6	78.8	37.3	27.3	0	0
146897	5716	253	1.102	0.8	26	308	0	0	79.1	78.5	37.3	25.7	0	0
146898	5696	253	1.153	1	27.8	310.1	0	0	79.1	78.5	36.2	25.7	0	0
146899	5684	253	1.114	1.1	28.8	312.9	0	0	78.8	78.2	36.2	22.8	0	0
146900	5672	252.5	1.164	1.3	28.8	315	0	0	78.8	78.2	34.6	22.8	0	0
146901	5664	252.5	1.143	1.5	28.5	317.5	0	0	78.6	77.5	34.6	21	0	0
146902	5652	252	1.102	1.5	28.1	319.2	0	0	78.6	77.5	33.3	21	0	0
146903	5644	251.5	1.107	1.3	27.8	321.3	0	0	78.5	77.5	33.3	18.3	0	0
146904	5636	251.5	1.093	1.3	27.8	323.1	0	0	78.5	77.5	32	18.3	0	0
146905	5624	251	1.057	1.1	27.8	325.2	0	0	79.1	77.8	32	17.7	0	0
146906	5612	251	1.061	1	27.4	327.3	0	0	79.1	77.8	31.1	17.7	0	0
146907	5600	251	1.073	1	27.4	329.1	0	0	79.3	77.7	31.1	17.7	0	0
146908	5588	250.5	1.082	0.8	27.8	331.2	0	0	79.3	77.7	30.9	17.7	0	0
146909	5576	250.5	1.073	1	27.8	333.3	0	0	79.4	77.8	30.9	17.8	0	0
146910	5560	250.5	1.123	1	28.1	335.4	0	0	79.4	77.8	30.8	17.8	0	0
146911	5548	250	1.102	1.1	28.1	337.5	0	0	79.4	78.2	30.8	18	0	0
146912	5544	250.5	1.121	1.1	27.1	339.6	0	0	79.4	78.2	30.8	18	0	0
146913	5532	250	1.146	1.3	24.6	341.4	0	0	79.4	78.2	30.8	18.5	0	0
146914	5516	250	1.084	1.5	21.1	343.1	0	0	79.4	78.2	30.8	18.5	0	0
146915	5512	249.5	1.034	1.3	16.9	344.2	0	0	79.3	78.3	30.8	19	0	0
146916	5500	249.5	0.988	1.1	12.7	345.2	0	0	79.3	78.3	30.8	19	0	0
146917	5496	249	0.937	1	9.8	345.9	0	0	79.8	78.8	30.8	21.1	0	0
146918	5480	249.5	0.958	0.8	7.4	346.3	0	0	79.8	78.8	30.9	21.1	0	0
146919	5468	249.5	0.976	0.8	6	346.6	0	0	79.6	79.3	30.9	26.1	0	0
146920	5456	249.5	0.942	0.6	4.9	347	0	0	79.6	79.3	32.2	26.1	0	0
146921	5448	250	1.015	0.8	4.6	347.3	0	0	79.4	79.3	32.2	27.6	0	0
146922	5432	249.5	1.002	0.8	4.2	347.7	0	0	79.4	79.3	33.1	27.6	0	0
146923	5420	250	1.006	0.8	3.9	347.7	0	0	79.4	78.6	33.1	27.4	0	0
146924	5408	250	0.974	0.8	3.5	348	0	0	79.4	78.6	33.5	27.4	0	0
146925	5400	250.5	0.995	0.8	3.5	348.4	0	0	79.3	78.6	33.5	26.6	0	0
146926	5380	250.5	1.002	0.8	3.2	348.4	0	0	79.3	78.6	33.6	26.6	0	0
146927	5376	250.5	0.99	0.8	2.8	348.7	0	0	79	78.8	33.6	26.3	0	0
146928	5364	251	0.974	0.8	2.1	348.7	0	0	79	78.8	33.6	26.3	0	0
146929	5352	251	0.97	0.6	1.4	349.1	0	0	78.8	78.6	33.6	25.7	0	0
146930	5336	251	0.958	0.6	1.1	349.1	0	0	78.8	78.6	33.3	25.7	0	0
146931	5324	251	0.967	0.6	0.7	349.1	0	0	78.6	78.2	33.3	24.5	0	0
146932	5312	251	1.008	0.6	0.7	349.1	0	0	78.6	78.2	32.7	24.5	0	0
146933	5304	251	0.988	0.6	0.7	349.1	0	0	78.5	77.7	32.7	22.4	0	0
146934	5288	251	1.008	0.8	0.7	349.1	0	0	78.5	77.7	31.9	22.4	0	0
146935	5280	250.5	1.013	0.8	1.1	349.1	0	0	78.3	77.4	31.9	20	0	0
146936	5264	250.5	0.963	0.8	1.4	349.1	0	0	78.3	77.4	30.9	20	0	0
146937	5252	250.5	0.979	0.8	1.4	349.1	0	0	78.2	77.5	30.9	18.5	0	0
146938	5240	250.5	0.96	0.8	1.4	349.5	0	0	78.2	77.5	30.1	18.5	0	0
146939	5228	250.5	0.995	0.8	1.1	349.5	0	0	78.8	77.5	30.1	17.8	0	0
146940	5220	250	0.965	0.8	0.7	349.5	0	0	78.8	77.5	29.6	17.8	0	0
146941	5204	249.5	0.956	0.6	0.4	349.5	0	0	78.8	77.5	29.6	17.4	0	0
146942	5192	249.5	0.99	0.8	0.4	349.5	0	0	78.8	77.5	29.5	17.4	0	0
146943	5180	249.5	0.986	0.8	0	349.5	0	0	79.1	77.7	29.5	17.5	0	0
146944	5176	249.5	0.995	0.8	0	349.5	0	0	79.1	77.7	29.6	17.5	0	0
146945	5164	249	0.976	0.8	-0.3	349.5	0	0	79.1	77.5	29.6	27.8	0	0
146946	5148	249	0.986	0.8	0	349.5	0	0	79.1	77.5	31.4	27.8	0	0
146947	5136	249	0.983	0.8	0	349.5	0	0	79.3	78.3	31.4	32.5	0	0
146948	5128	248	0.967	0.8	0	349.5	0	0	79.3	78.3	33.9	32.5	0	0
146949	5112	248.5	0.979	0.8	0	349.5	0	0	79.3	78.8	33.9	35.9	0	0
146950	5096	248.5	0.953	0.8	0	349.5	0	0	79.3	78.8	36	35.9	0	0
146951	5088	248.5	0.983	0.8	0	349.5	0	0	79.4	79.3	36	39.7	0	0
146952	5080	249	1.013	1.1	0	349.5	0	0	79.4	79.3	37.9	39.7	0	0
146953	5064	249	1.05	1.3	0	349.5	0	0	79.6	79.3	37.9	43.3	0	0
146954	5064	249	1.054	1.7	0	349.5	0	0	79.6	79.3	40.2	43.3	0	0
146955	5056	249	0.988	1.7	0.4	349.5	0	0	79.8	79.3	40.2	46.2	0	0
146956	5044	248.5	0.99	1.7	0.7	349.5	0	0	79.8	79.3	42.5	46.2	0	0
146957	5040	248.5	0.96	1.7	0.7	349.5	0	0	79.8	79.1	42.5	48.1	0	0
146958	5032	248.5	0.956	1.5	1.1	349.5	0	0	79.8	79.1	44.1	48.1	0	0
146959	5028	248	0.935	1.3	1.1	349.5	0	0	79.8	79.4	44.1	49.5	0	0
146960	5012	248	0.976	1.3	0.7	349.5	0	0	79.8	79.4	44.4	49.5	0	0

146961	5012	248	0.981	1.3	0.4	349.5	0	0	79.9	79.6	44.4	50.4	0	0
146962	5000	248	0.956	1.3	0	349.5	0	0	79.9	79.6	44.1	50.4	0	0
146963	4996	248	0.997	1.3	-0.3	349.5	0	0	80.1	79.8	44.1	48.2	0	0
146964	4984	248	0.992	1.3	-0.3	349.5	0	0	80.1	79.8	43.4	48.2	0	0
146965	4976	248	0.963	1.3	0	349.5	0	0	80.9	79.9	43.4	44.9	0	0
146966	4972	248	0.967	1.3	0.4	349.5	0	0	80.9	79.9	43.3	44.9	0	0
146967	4964	248.5	0.988	1.5	0.7	349.8	0	0	80.7	79.9	43.3	42.7	0	0
146968	4952	248.5	0.988	1.5	0.7	349.8	0	0	80.7	79.9	43.2	42.7	0	0
146969	4948	248.5	0.947	1.5	0.4	349.8	0	0	80.4	80.1	43.2	43.8	0	0
146970	4936	248.5	0.958	1.3	-0.3	349.8	0	0	80.4	80.1	43.1	43.8	0	0
146971	4928	249	0.951	1.3	-0.7	349.8	0	0	80.4	80.2	43.1	43.3	0	0
146972	4920	249	0.958	1.3	-1	349.5	0	0	80.4	80.2	42.7	43.3	0	0
146973	4912	249	1.004	1.3	-0.7	349.5	0	0	80.4	80.2	42.7	43.2	0	0
146974	4908	249.5	0.979	1.3	-0.3	349.5	0	0	80.4	80.2	42.4	43.2	0	0
146975	4896	249.5	0.988	1.3	0	349.5	0	0	80.1	80.1	42.4	43.8	0	0
146976	4888	249.5	0.999	1.3	0.4	349.5	0	0	80.1	80.1	42.4	43.8	0	0
146977	4880	249.5	0.999	1.3	0.7	349.5	0	0	80.1	79.9	42.4	42.8	0	0
146978	4876	250	0.967	1.3	1.1	349.5	0	0	80.1	79.9	42.2	42.8	0	0
146979	4868	250	0.999	1.3	1.1	349.5	0	0	80.2	79.8	42.2	43.7	0	0
146980	4856	249.5	0.958	1.3	1.1	349.5	0	0	80.2	79.8	42.5	43.7	0	0
146981	4848	250	0.937	1.3	0.7	349.5	0	0	80.2	79.8	42.5	43	0	0
146982	4836	250	0.97	1.3	0.4	349.5	0	0	80.2	79.8	42.5	43	0	0
146983	4832	250	0.97	1.3	0.4	349.5	0	0	80.2	79.4	42.5	43.6	0	0
146984	4820	250.5	0.986	1.3	0	349.5	0	0	80.2	79.4	42.5	43.6	0	0
146985	4820	250	0.97	1.3	0	349.5	0	0	80.2	79.4	42.5	43.1	0	0
146986	4808	250.5	0.986	1.3	0	349.5	0	0	80.2	79.4	42.5	43.1	0	0
146987	4796	250.5	0.96	1.3	0.4	349.5	0	0	80.1	79.3	42.5	43.6	0	0
146988	4792	250	0.976	1.3	0.7	349.5	0	0	80.1	79.3	42.5	43.6	0	0
146989	4784	250	0.981	1.3	0.7	349.5	0	0	80.1	79.4	42.5	43.1	0	0
146990	4776	249.5	0.976	1.3	0.4	349.8	0	0	80.1	79.4	42.4	43.1	0	0
146991	4768	249.5	0.99	1.3	0.4	349.5	0	0	80.1	79.4	42.4	43.6	0	0
146992	4760	249.5	0.981	1.3	0	349.5	0	0	80.1	79.4	42.4	43.6	0	0
146993	4752	249.5	0.995	1.3	-0.3	349.5	0	0	79.9	79.4	42.4	43.1	0	0
146994	4740	249.5	0.986	1.3	-0.3	349.5	0	0	79.9	79.4	42.4	43.1	0	0
146995	4736	250	0.986	1.3	-0.3	349.5	0	0	80.1	79.4	42.4	43.7	0	0
146996	4724	250	0.995	1.3	0	349.5	0	0	80.1	79.4	42.5	43.7	0	0
146997	4716	250.5	0.995	1.3	0.4	349.5	0	0	80.4	79.6	42.5	43.1	0	0
146998	4712	250.5	1.015	1.3	0.7	349.5	0	0	80.4	79.6	42.5	43.1	0	0
146999	4704	250.5	0.983	1.5	0.7	349.5	0	0	80.4	79.8	42.5	43.7	0	0
147000	4692	250.5	0.974	1.5	0.7	349.5	0	0	80.4	79.8	42.7	43.7	0	0
147001	4688	250.5	0.963	1.3	0.4	349.8	0	0	80.2	79.6	42.7	43.3	0	0
147002	4676	250.5	0.947	1.3	0	349.8	0	0	80.2	79.6	42.7	43.3	0	0
147003	4676	250.5	0.963	1.1	-0.3	349.5	0	0	80.1	79.3	42.7	43.2	0	0
147004	4664	250.5	0.967	1.1	-0.3	349.5	0	0	80.1	79.3	42.6	43.2	0	0
147005	4656	250	0.974	1.1	-0.3	349.5	0	0	79.9	79.3	42.6	43.6	0	0
147006	4648	250.5	0.963	1.1	0	349.5	0	0	79.9	79.3	42.6	43.6	0	0
147007	4640	250.5	0.983	1.1	0	349.5	0	0	80.1	79.4	42.6	43.4	0	0
147008	4628	251	0.96	1.1	0.4	349.5	0	0	80.1	79.4	42.6	43.4	0	0
147009	4620	250.5	0.974	1.1	0.4	349.5	0	0	80.2	79.4	42.6	43.2	0	0
147010	4612	250	0.97	1.1	0.7	349.5	0	0	80.2	79.4	42.5	43.2	0	0
147011	4604	250	0.99	1.3	0.7	349.5	0	0	80.2	79.3	42.5	43.2	0	0
147012	4596	250.5	1.006	1.3	0.4	349.5	0	0	80.2	79.3	42.5	43.2	0	0
147013	4588	250.5	0.96	1.3	0	349.5	0	0	80.1	79.4	42.5	43.3	0	0
147014	4580	250.5	0.965	1.3	0	349.5	0	0	80.1	79.4	42.5	43.3	0	0
147015	4572	250.5	0.981	1.3	-0.3	349.8	0	0	79.9	79.4	42.5	43.4	0	0
147016	4564	250.5	0.958	1.3	-0.3	349.8	0	0	79.9	79.4	42.5	43.4	0	0
147017	4556	250.5	0.992	1.3	-0.3	349.5	0	0	80.1	79.4	42.5	43.4	0	0
147018	4548	250.5	0.979	1.3	-0.3	349.5	0	0	80.1	79.4	42.5	43.4	0	0
147019	4540	250.5	0.992	1.3	0	349.5	0	0	79.9	79.4	42.5	43.6	0	0
147020	4532	250	0.983	1.1	0.4	349.5	0	0	79.9	79.4	42.5	43.6	0	0
147021	4524	250	1.004	1.1	0.4	349.5	0	0	79.9	79.3	42.5	43.6	0	0
147022	4516	250	0.972	1.1	0.4	349.5	0	0	79.9	79.3	42.5	43.6	0	0
147023	4508	249.5	0.992	1.1	0.4	349.5	0	0	79.9	79.3	42.5	43.6	0	0
147024	4500	249.5	0.972	1.1	0	349.5	0	0	79.9	79.3	42.5	43.6	0	0
147025	4488	249.5	0.963	1.1	0	349.5	0	0	79.9	79.4	42.5	43.6	0	0
147026	4488	249.5	0.967	1.1	0	349.5	0	0	79.9	79.4	42.5	43.6	0	0
147027	4472	250	0.979	1.3	-0.3	349.5	0	0	80.2	79.4	42.5	43.6	0	0
147028	4468	250	0.967	1.3	0	349.5	0	0	80.2	79.4	42.5	43.6	0	0
147029	4452	250.5	1.004	1.3	0	349.5	0	0	80.2	79.4	42.5	43.7	0	0
147030	4448	250	0.972	1.3	0.4	349.5	0	0	80.2	79.4	42.6	43.7	0	0
147031	4440	250	0.967	1.3	0.4	349.5	0	0	80.2	79.4	42.6	43.4	0	0

147032	4436	250	0.979	1.3	0.4	349.5	0	0	80.2	79.4	42.6	43.4	0	0
147033	4424	250.5	0.967	1.3	0.7	349.5	0	0	80.2	79.4	42.6	43.2	0	0
147034	4420	250.5	0.96	1.3	0.7	349.5	0	0	80.2	79.4	42.6	43.2	0	0
147035	4408	250.5	0.97	1.3	0.7	349.5	0	0	80.1	79.4	42.6	43.2	0	0
147036	4404	250.5	0.981	1.1	0.4	349.5	0	0	80.1	79.4	42.6	43.2	0	0
147037	4392	250	0.965	1.1	0.4	349.5	0	0	80.1	79.4	42.6	43.3	0	0
147038	4384	250	0.96	1.1	0	349.5	0	0	80.1	79.4	42.6	43.3	0	0
147039	4376	250	0.986	1.1	-0.3	349.5	0	0	79.9	79.4	42.6	43.4	0	0
147040	4372	250	0.995	1.1	-0.3	349.5	0	0	79.9	79.4	42.5	43.4	0	0
147041	4360	250.5	0.99	1.1	-0.3	349.5	0	0	79.9	79.4	42.5	43.4	0	0
147042	4352	250.5	1.004	1.1	0	349.5	0	0	79.9	79.4	42.5	43.4	0	0
147043	4340	250.5	0.972	1.1	0	349.5	0	0	79.9	79.4	42.5	43.4	0	0
147044	4336	250.5	1.004	1.1	0.4	349.5	0	0	79.9	79.4	42.5	43.4	0	0
147045	4324	251	0.988	1.3	0.4	349.5	0	0	80.1	79.3	42.5	43.4	0	0
147046	4320	251	0.976	1.3	0.7	349.5	0	0	80.1	79.3	42.5	43.4	0	0
147047	4312	251	0.976	1.3	0.7	349.5	0	0	80.1	79.3	42.5	43.4	0	0
147048	4304	250.5	0.976	1.1	0.4	349.8	0	0	80.1	79.3	42.5	43.4	0	0
147049	4292	250.5	0.976	1.1	0.4	349.8	0	0	79.9	79.3	42.5	43.4	0	0
147050	4288	250.5	0.976	1.1	0	349.8	0	0	79.9	79.3	42.5	43.4	0	0
147051	4276	250.5	0.992	1.1	-0.3	349.8	0	0	79.8	79.3	42.5	43.4	0	0
147052	4268	250.5	0.963	1.1	-0.7	349.5	0	0	79.8	79.3	42.4	43.4	0	0
147053	4260	250.5	0.976	1.1	-0.7	349.5	0	0	79.8	79.1	42.4	43.4	0	0
147054	4252	250.5	0.988	1.1	-0.3	349.5	0	0	79.8	79.1	42.4	43.4	0	0
147055	4240	250.5	0.992	1.3	0	349.5	0	0	79.8	79.3	42.4	43.4	0	0
147056	4236	250.5	0.992	1.3	0.4	349.5	0	0	79.8	79.3	42.4	43.4	0	0
147057	4228	250.5	1.004	1.3	0.4	349.5	0	0	79.8	79.3	42.4	43.4	0	0
147058	4216	250.5	0.988	1.3	0.7	349.5	0	0	79.8	79.3	42.4	43.4	0	0
147059	4212	251	0.963	1.3	0.4	349.5	0	0	79.8	79.3	42.4	43.4	0	0
147060	4204	250.5	0.99	1.3	-1.7	349.5	0	0	79.8	79.3	42.4	43.4	0	0
147061	4196	250.5	0.965	1.3	-4.9	349.1	0	0	79.8	79.1	42.4	43.3	0	0
147062	4184	250.5	0.986	1.1	-8.7	348.7	0	0	79.8	79.1	42.4	43.3	0	0
147063	4176	250.5	0.981	1.1	-13	348	0	0	79.9	79.1	42.4	43.3	0	0
147064	4168	250.5	0.97	1	-15.4	347	0	0	79.9	79.1	42.4	43.3	0	0
147065	4160	251	1.052	1.1	-15.8	345.9	0	0	79.9	78.8	42.4	43.2	0	0
147066	4152	250.5	1.027	1.3	-14	344.9	0	0	79.9	78.8	42.4	43.2	0	0
147067	4140	250.5	1.015	1.3	-11.6	343.8	0	0	79.8	79	42.4	43.3	0	0
147068	4132	250.5	1.018	1.5	-9.1	342.8	0	0	79.8	79	42.4	43.3	0	0
147069	4128	250.5	0.992	1.5	-6.3	342.4	0	0	79.8	79	42.4	43.6	0	0
147070	4120	250	0.942	1.3	-4.5	342.1	0	0	79.8	79	42.4	43.6	0	0
147071	4112	250	0.947	1.3	-3.1	341.7	0	0	79.8	79	42.4	43.6	0	0
147072	4108	250	0.963	1.1	-2.4	341.7	0	0	79.8	79	42.4	43.6	0	0
147073	4100	250	0.983	1.1	-2.1	341.4	0	0	79.9	79.1	42.4	43.6	0	0
147074	4088	250.5	0.988	1.1	-2.1	341.4	0	0	79.9	79.1	42.4	43.6	0	0
147075	4076	250.5	0.992	1.1	-2.1	341	0	0	79.9	79	42.4	43.4	0	0
147076	4068	250.5	1.013	1.1	-1.7	341	0	0	79.9	79	42.4	43.4	0	0
147077	4060	250.5	1.002	1.1	-1.4	341	0	0	79.9	79.1	42.4	43.3	0	0
147078	4056	250	0.986	1.3	-1.4	341	0	0	79.9	79.1	42.4	43.3	0	0
147079	4044	250	0.97	1.3	-1	340.7	0	0	79.8	79.1	42.4	43.3	0	0
147080	4036	250.5	0.986	1.3	-1	340.7	0	0	79.8	79.1	42.4	43.3	0	0
147081	4032	250.5	0.99	1.3	-1	340.7	0	0	79.8	79	42.4	43.3	0	0
147082	4016	250.5	0.956	1.3	-1	340.3	0	0	79.8	79	42.4	43.3	0	0
147083	4012	250.5	0.986	1.1	-1	340.3	0	0	79.8	79	42.4	43.3	0	0
147084	4008	250.5	0.976	1.1	-0.7	340.3	0	0	79.8	79	42.4	43.3	0	0
147085	3996	249.5	0.981	1.1	-0.3	340.3	0	0	79.8	78.8	42.4	43.2	0	0
147086	3984	250	0.963	1.1	0.4	340.3	0	0	79.8	78.8	42.4	43.2	0	0
147087	3976	250	0.983	1.1	0.7	340.3	0	0	79.8	78.8	42.4	43.2	0	0
147088	3972	250.5	0.988	1.1	0.7	340.3	0	0	79.8	78.8	42.4	43.2	0	0
147089	3960	250.5	0.963	1.1	0.4	340.3	0	0	79.8	79	42.4	43.2	0	0
147090	3952	250.5	0.983	1.1	0	340.3	0	0	79.8	79	42.4	43.2	0	0
147091	3944	250	0.958	1.1	0	340.3	0	0	79.6	79	42.4	43.2	0	0
147092	3932	250.5	0.967	1.1	0	340.3	0	0	79.6	79	42.4	43.2	0	0
147093	3924	250	0.979	1.1	0	340.3	0	0	79.6	78.8	42.4	43.2	0	0
147094	3920	250	0.951	1.1	-0.3	340.3	0	0	79.6	78.8	42.4	43.2	0	0
147095	3908	250	0.99	1.1	-0.3	340.3	0	0	79.6	79	42.4	43.3	0	0
147096	3896	250.5	0.997	1.1	0	340	0	0	79.6	79	42.4	43.3	0	0
147097	3888	250.5	0.997	1.1	0	340	0	0	79.6	79.1	42.4	43.3	0	0
147098	3880	250.5	1.006	1.1	0.4	340	0	0	79.6	79.1	42.4	43.3	0	0
147099	3868	250.5	0.976	1.3	0.7	340	0	0	79.6	79.1	42.4	43.3	0	0
147100	3860	250.5	0.976	1.3	1.1	340.3	0	0	79.6	79.1	42.4	43.3	0	0
147101	3856	250.5	0.99	1.3	1.1	340.3	0	0	79.6	79	42.4	43.3	0	0
147102	3848	250.5	0.997	1.3	0.7	340.3	0	0	79.6	79	42.5	43.3	0	0

147103	3840	250	0.967	1.3	0.4	340.3	0	0	79.4	79	42.5	43.3	0	0
147104	3828	250	0.979	1.3	0	340.3	0	0	79.4	79	42.5	43.3	0	0
147105	3828	250	0.979	1.1	0	340.3	0	0	79.4	78.8	42.5	43.3	0	0
147106	3816	249.5	0.963	1.1	-0.3	340.3	0	0	79.4	78.8	42.5	43.3	0	0
147107	3812	249.5	0.958	1.1	0	340.3	0	0	79.6	79	42.5	43.3	0	0
147108	3796	249.5	0.963	1.1	0	340.3	0	0	79.6	79	42.5	43.3	0	0
147109	3792	249.5	0.999	1.1	0.4	340.3	0	0	79.8	79	42.5	43.3	0	0
147110	3780	249.5	0.988	1.1	0.4	340.3	0	0	79.8	79	42.5	43.3	0	0
147111	3776	249.5	0.988	1.1	0.7	340.3	0	0	79.9	79	42.5	43.4	0	0
147112	3764	249.5	0.999	1.1	0.7	340.3	0	0	79.9	79	42.6	43.4	0	0
147113	3756	249.5	0.992	1.3	0.7	340.3	0	0	79.9	79	42.6	43.4	0	0
147114	3744	249.5	0.992	1.3	0.4	340.3	0	0	79.9	79	42.7	43.4	0	0
147115	3740	249	0.979	1.3	0.4	340.3	0	0	79.9	79	42.7	43.6	0	0
147116	3728	249	0.958	1.3	0	340.3	0	0	79.9	79	42.8	43.6	0	0
147117	3724	249	0.967	1.3	0	340.3	0	0	80.1	79.1	42.8	43.6	0	0
147118	3720	249	0.999	1.3	0	340.3	0	0	80.1	79.1	42.8	43.6	0	0
147119	3708	249.5	0.951	1.1	-0.3	340.3	0	0	80.1	79.1	42.8	43.7	0	0
147120	3696	249	0.956	1.1	-0.3	340.3	0	0	80.1	79.1	42.8	43.7	0	0
147121	3688	249.5	0.981	1.1	-0.7	340.3	0	0	80.1	79.3	42.8	43.7	0	0
147122	3676	249.5	0.986	1.1	-0.3	340.3	0	0	80.1	79.3	42.8	43.7	0	0
147123	3676	249.5	0.986	1.1	-0.3	340.3	0	0	80.2	79.6	42.8	43.7	0	0
147124	3664	249.5	1.002	1.1	0	340.3	0	0	80.2	79.6	42.8	43.7	0	0
147125	3652	250	0.986	1.3	-0.3	340.3	0	0	80.1	79.4	42.8	43.7	0	0
147126	3644	250	0.99	1.3	-2.4	340	0	0	80.1	79.4	42.8	43.7	0	0
147127	3636	250	0.956	1.3	-5.9	339.6	0	0	80.1	79.4	42.8	43.6	0	0
147128	3628	250	0.986	1.1	-9.8	339.3	0	0	80.1	79.4	42.7	43.6	0	0
147129	3620	250	0.981	1.1	-14.4	338.2	0	0	80.1	79.3	42.7	43.4	0	0
147130	3616	249.5	0.99	1	-18.6	337.1	0	0	80.1	79.3	42.6	43.4	0	0
147131	3600	250	1.057	1	-22.8	335.7	0	0	79.9	79.3	42.6	43.3	0	0
147132	3588	250	1.118	1.1	-26.7	333.6	0	0	79.9	79.3	42.6	43.3	0	0
147133	3584	250	1.134	1.3	-28.4	331.5	0	0	79.9	79.3	42.6	43.2	0	0
147134	3568	250	1.169	1.3	-29.1	329.1	0	0	79.9	79.3	42.6	43.2	0	0
147135	3564	249.5	1.164	1.5	-29.1	326.6	0	0	80.1	79.3	42.6	43.2	0	0
147136	3556	249.5	1.143	1.7	-29.1	324.5	0	0	80.1	79.3	42.6	43.2	0	0
147137	3544	249.5	1.118	1.7	-28.4	322	0	0	80.2	79.8	42.6	43.2	0	0
147138	3544	249.5	1.125	1.7	-28.1	319.9	0	0	80.2	79.8	42.6	43.2	0	0
147139	3536	249.5	1.111	1.5	-27.7	317.8	0	0	80.2	79.8	42.6	43.4	0	0
147140	3524	249	1.084	1.5	-27.7	315.7	0	0	80.2	79.8	42.7	43.4	0	0
147141	3520	249	1.063	1.3	-27.7	313.6	0	0	80.2	79.8	42.7	43.7	0	0
147142	3512	249	1.075	1.3	-28.1	311.8	0	0	80.2	79.8	42.8	43.7	0	0
147143	3508	249.5	1.079	1.1	-28.1	309.7	0	0	80.2	79.9	42.8	43.7	0	0
147144	3492	249.5	1.105	1.1	-28.4	307.6	0	0	80.2	79.9	43	43.7	0	0
147145	3484	249.5	1.137	1.1	-28.4	305.2	0	0	80.2	79.9	43	43.2	0	0
147146	3472	250	1.125	1.3	-28.4	303	0	0	80.2	79.9	42.8	43.2	0	0
147147	3464	249.5	1.125	1.3	-28.4	300.9	0	0	80.2	79.9	42.8	43.2	0	0
147148	3460	250	1.116	1.3	-28.4	298.5	0	0	80.2	79.9	42.7	43.2	0	0
147149	3452	249.5	1.116	1.3	-28.1	296.4	0	0	80.4	80.1	42.7	43.6	0	0
147150	3444	250	1.1	1.3	-28.1	294.3	0	0	80.4	80.1	42.8	43.6	0	0
147151	3440	250	1.121	1.3	-27.7	292.1	0	0	80.4	79.9	42.8	43.7	0	0
147152	3428	250	1.07	1.3	-26.7	290	0	0	80.4	79.9	42.8	43.7	0	0
147153	3416	250	1.045	1.3	-23.9	288.3	0	0	80.2	79.9	42.8	43.2	0	0
147154	3408	250	1.045	1.3	-20	286.9	0	0	80.2	79.9	42.7	43.2	0	0
147155	3404	250	1.031	1.3	-15.8	285.5	0	0	80.2	79.6	42.7	43.1	0	0
147156	3396	250	0.976	1.3	-12.3	284.4	0	0	80.2	79.6	42.7	43.1	0	0
147157	3392	250	0.976	1.1	-9.4	283.7	0	0	80.4	79.6	42.7	43.3	0	0
147158	3380	250	0.949	1.1	-7.7	283.4	0	0	80.4	79.6	42.7	43.3	0	0
147159	3368	250	0.976	1	-6.3	282.7	0	0	80.4	79.6	42.7	43.4	0	0
147160	3356	250	0.965	1	-5.6	282.3	0	0	80.4	79.6	42.7	43.4	0	0
147161	3348	250.5	1.011	1	-4.5	282	0	0	80.4	79.4	42.7	43.6	0	0
147162	3340	250.5	0.97	1	-4.2	282	0	0	80.4	79.4	42.7	43.6	0	0
147163	3328	250.5	0.976	1.1	-3.8	281.6	0	0	80.4	79.4	42.7	43.6	0	0
147164	3320	251	0.988	1.1	-3.1	281.2	0	0	80.4	79.4	42.8	43.6	0	0
147165	3312	251	0.992	1.1	-2.8	281.2	0	0	80.4	79.3	42.8	43.4	0	0
147166	3300	250.5	0.983	1.1	-2.4	280.9	0	0	80.4	79.3	42.8	43.4	0	0
147167	3292	251	0.947	1	-2.1	280.9	0	0	80.2	79.3	42.8	43.3	0	0
147168	3284	251	0.963	1	-1.4	280.5	0	0	80.2	79.3	42.8	43.3	0	0
147169	3272	251.5	0.958	0.8	-1.4	280.5	0	0	80.2	79.1	42.8	43.2	0	0
147170	3264	251.5	0.974	0.8	-1	280.5	0	0	80.2	79.1	42.7	43.2	0	0
147171	3252	251.5	1.004	1	-1	280.5	0	0	80.1	79.1	42.7	43.1	0	0
147172	3240	251.5	0.979	1	-1	280.2	0	0	80.1	79.1	42.6	43.1	0	0
147173	3232	251.5	0.979	1	-0.7	280.2	0	0	80.1	79	42.6	43.6	0	0

147174	3228	251.5	1.008	1	-0.7	280.2	0	0	80.1	79	42.6	43.6	0	0
147175	3216	251.5	0.999	1.1	-0.7	280.2	0	0	79.8	78.8	42.6	43.6	0	0
147176	3204	251.5	0.974	1	-0.3	280.2	0	0	79.8	78.8	42.6	43.6	0	0
147177	3200	251.5	0.963	1	2.1	280.2	0	0	79.6	78.8	42.6	43.4	0	0
147178	3188	251.5	0.967	1	5.6	280.2	0	0	79.6	78.8	42.5	43.4	0	0
147179	3176	251.5	0.979	1	9.5	280.9	0	0	79.4	78.8	42.5	43.1	0	0
147180	3172	251.5	0.979	1	13.7	281.6	0	0	79.4	78.8	42.5	43.1	0	0
147181	3156	251.5	1.024	1	16.2	282.7	0	0	79.3	78.6	42.5	43.6	0	0
147182	3148	252	1.07	1.1	16.2	284.1	0	0	79.3	78.6	42.5	43.6	0	0
147183	3136	252	1.034	1.3	14.4	285.1	0	0	79.1	78.5	42.5	43.6	0	0
147184	3132	251.5	1.024	1.3	12	286.2	0	0	79.1	78.5	42.4	43.6	0	0
147185	3124	251	1.008	1.3	8.8	286.9	0	0	79.1	78.3	42.4	43.1	0	0
147186	3116	251	0.983	1.3	6.3	287.2	0	0	79.1	78.3	42.2	43.1	0	0
147187	3108	250.5	0.963	1.1	4.6	287.6	0	0	79.1	78.6	42.2	43.6	0	0
147188	3100	250.5	0.958	1.1	3.5	287.9	0	0	79.1	78.6	42.2	43.6	0	0
147189	3092	250.5	0.967	1	2.8	287.9	0	0	79.1	78.6	42.2	43.6	0	0
147190	3076	250.5	0.947	1	2.8	288.3	0	0	79.1	78.6	42.2	43.6	0	0
147191	3072	250	0.967	1	2.5	288.3	0	0	79.6	78.6	42.2	43.6	0	0
147192	3060	250	0.972	1	2.5	288.6	0	0	79.6	78.6	42.5	43.6	0	0
147193	3048	250	0.983	1.1	2.1	288.6	0	0	79.6	78.6	42.5	43.6	0	0
147194	3044	250	0.997	1.1	2.1	288.6	0	0	79.6	78.6	42.6	43.6	0	0
147195	3032	250	0.972	1.3	2.1	289	0	0	79.8	78.8	42.6	43.6	0	0
147196	3028	250	1.008	1.3	2.1	289	0	0	79.8	78.8	42.8	43.6	0	0
147197	3020	250	1.004	1.3	1.8	289.3	0	0	79.8	78.5	42.8	43.7	0	0
147198	3004	250	0.947	1.3	1.4	289.3	0	0	79.8	78.5	42.8	43.7	0	0
147199	3000	250	0.951	1.3	1.1	289.3	0	0	79.9	79	42.8	43.7	0	0
147200	2992	249.5	0.976	1.1	0.7	289.3	0	0	79.9	79	43	43.7	0	0
147201	2988	249.5	0.967	1.1	0.4	289.3	0	0	79.9	78.8	43	43.7	0	0
147202	2976	249.5	0.951	1	0	289.3	0	0	79.9	78.8	43	43.7	0	0
147203	2964	249	0.972	1	0	289.3	0	0	79.8	79.3	43	43.7	0	0
147204	2952	249	0.967	1	0	289.3	0	0	79.8	79.3	43	43.7	0	0
147205	2948	249	0.967	1	0.4	289.3	0	0	79.8	79.4	43	43.7	0	0
147206	2936	249	1.024	1.1	0.4	289.3	0	0	79.8	79.4	43	43.7	0	0
147207	2928	249	1.013	1.1	0.7	289.3	0	0	79.8	79.4	43	43.7	0	0
147208	2924	249	0.979	1.1	0.7	289.3	0	0	79.8	79.4	43	43.7	0	0
147209	2916	249	0.967	1.3	0.7	289.3	0	0	80.1	79.8	43	43.8	0	0
147210	2908	249	1.008	1.3	0.7	289.3	0	0	80.1	79.8	43	43.8	0	0
147211	2900	249	0.972	1.3	0.7	289.3	0	0	80.1	79.8	43	43.7	0	0
147212	2888	249	0.983	1.1	0.7	289.3	0	0	80.1	79.8	43.2	43.7	0	0
147213	2880	249	0.983	1.1	0.7	289.7	0	0	80.2	79.9	43.2	43.7	0	0
147214	2876	249.5	0.963	1.1	0.7	289.7	0	0	80.2	79.9	43.2	43.7	0	0
147215	2868	249.5	1.004	1.1	0.4	289.7	0	0	80.2	79.8	43.2	43.8	0	0
147216	2852	249.5	0.979	1.1	0.4	289.7	0	0	80.2	79.8	43.3	43.8	0	0
147217	2844	249.5	0.999	1.1	0.4	289.7	0	0	80.2	79.6	43.3	43.6	0	0
147218	2836	250	0.967	1.3	0	289.7	0	0	80.2	79.6	43.2	43.6	0	0
147219	2828	249.5	0.992	1.3	-0.3	289.7	0	0	80.2	79.4	43.2	43.3	0	0
147220	2820	249.5	0.988	1.3	-0.3	289.7	0	0	80.2	79.4	43.1	43.3	0	0
147221	2812	249.5	0.999	1.3	0	289.7	0	0	80.1	79.4	43.1	43.2	0	0
147222	2800	249.5	0.972	1.3	0.4	289.7	0	0	80.1	79.4	42.8	43.2	0	0
147223	2796	249.5	0.992	1.3	0.7	289.7	0	0	80.1	79.3	42.8	43.2	0	0
147224	2784	249.5	0.979	1.3	0.7	289.7	0	0	80.1	79.3	42.7	43.2	0	0
147225	2776	249.5	0.963	1.3	0.4	289.7	0	0	80.1	79.1	42.7	43.7	0	0
147226	2772	249.5	0.937	1.1	0	289.7	0	0	80.1	79.1	42.7	43.7	0	0
147227	2764	249.5	0.992	1.1	-0.3	289.7	0	0	79.9	79.1	42.7	43.6	0	0
147228	2752	249.5	0.967	1.1	-0.7	289.7	0	0	79.9	79.1	42.8	43.6	0	0
147229	2744	249.5	0.979	1.1	-0.7	289.7	0	0	80.1	79.3	42.8	43.2	0	0
147230	2740	249.5	0.988	1.1	-0.7	289.3	0	0	80.1	79.3	42.7	43.2	0	0
147231	2732	249.5	0.979	1.1	-0.3	289.3	0	0	80.1	79.3	42.7	43.2	0	0
147232	2720	249.5	0.983	1.1	0	289.3	0	0	80.1	79.3	42.6	43.2	0	0
147233	2712	250	0.992	1.1	0.7	289.3	0	0	80.1	79.4	42.6	43.6	0	0
147234	2704	250	0.999	1.1	1.1	289.3	0	0	80.1	79.4	42.7	43.6	0	0
147235	2700	250	0.999	1.1	1.1	289.3	0	0	80.1	79.4	42.7	43.7	0	0
147236	2688	250	0.992	1.1	0.7	289.3	0	0	80.1	79.4	42.7	43.7	0	0
147237	2680	250	0.979	1.1	0.4	289.3	0	0	80.1	79.4	42.7	43.3	0	0
147238	2672	250	0.999	1.1	0.4	289.3	0	0	80.1	79.4	42.7	43.3	0	0
147239	2664	250	0.983	1.1	0	289.3	0	0	79.9	79.4	42.7	43.2	0	0
147240	2652	250	0.992	1.1	0	289.7	0	0	79.9	79.4	42.6	43.2	0	0
147241	2644	250.5	0.963	1.1	0.4	289.7	0	0	79.9	79.1	42.6	43.3	0	0
147242	2636	250	0.963	1.1	0.4	289.7	0	0	79.9	79.1	42.6	43.3	0	0
147243	2628	250	0.967	1.1	0.7	289.7	0	0	79.9	79.3	42.6	43.3	0	0
147244	2624	250	1.004	1.1	0.7	289.7	0	0	79.9	79.3	42.6	43.3	0	0

147245	2616	250	0.992	1.1	0.7	289.7	0	0	79.9	79.1	42.6	43.4	0	0
147246	2604	250	0.979	1.1	0.4	289.7	0	0	79.9	79.1	42.6	43.4	0	0
147247	2596	250	0.983	1.1	0	289.7	0	0	79.8	79.1	42.6	43.4	0	0
147248	2588	250	0.979	1.1	0	289.7	0	0	79.8	79.1	42.6	43.4	0	0
147249	2580	250	0.967	1.1	-0.3	289.7	0	0	79.8	79.1	42.6	43.4	0	0
147250	2572	250	0.963	1.1	-0.3	289.7	0	0	79.8	79.1	42.6	43.4	0	0
147251	2564	249.5	0.979	1.1	0	289.7	0	0	79.8	79	42.6	43.3	0	0
147252	2552	249.5	0.967	1.1	0	289.7	0	0	79.8	79	42.6	43.3	0	0
147253	2544	249.5	0.983	1.1	0.4	289.7	0	0	80.1	79.3	42.6	43.3	0	0
147254	2536	249.5	0.988	1.1	0.4	289.7	0	0	80.1	79.3	42.6	43.3	0	0
147255	2528	249.5	0.988	1.1	0.7	289.7	0	0	80.1	79.3	42.6	43.3	0	0
147256	2520	249.5	0.992	1.1	0.7	289.7	0	0	80.1	79.3	42.7	43.3	0	0
147257	2512	249.5	0.983	1.3	0.7	289.7	0	0	80.2	79.4	42.7	43.4	0	0
147258	2504	249.5	0.988	1.3	0.4	289.7	0	0	80.2	79.4	42.7	43.4	0	0
147259	2496	249.5	0.995	1.3	0.4	289.7	0	0	80.2	79.4	42.7	43.6	0	0
147260	2492	249.5	0.981	1.3	0	289.7	0	0	80.2	79.4	42.8	43.6	0	0
147261	2480	249.5	0.981	1.1	0	289.7	0	0	80.1	79.6	42.8	43.6	0	0
147262	2472	249.5	0.965	1.1	-0.3	289.7	0	0	80.1	79.6	42.8	43.6	0	0
147263	2460	249.5	0.974	1.1	-0.3	289.3	0	0	80.2	79.6	42.8	43.7	0	0
147264	2452	249.5	1.015	1.1	-0.3	289.3	0	0	80.2	79.6	42.8	43.7	0	0
147265	2448	250	1.011	1.1	0	289.3	0	0	80.2	79.6	42.8	43.4	0	0
147266	2440	250	1.011	1.1	0.4	289.3	0	0	80.2	79.6	42.8	43.4	0	0
147267	2428	249.5	0.99	1.1	0.7	289.7	0	0	80.2	79.4	42.8	43.3	0	0
147268	2424	249.5	0.97	1.1	0.7	289.7	0	0	80.2	79.4	42.8	43.3	0	0
147269	2412	249.5	0.96	1.1	0.7	289.7	0	0	80.1	79.4	42.8	43.2	0	0
147270	2408	249.5	0.935	1.1	0.7	289.7	0	0	80.1	79.4	42.7	43.2	0	0
147271	2400	250	0.949	1	0.4	289.7	0	0	80.2	79.6	42.7	43.4	0	0
147272	2388	250	0.981	1.1	0	289.7	0	0	80.2	79.6	42.7	43.4	0	0
147273	2380	250	0.981	1.1	-0.3	289.7	0	0	80.2	79.4	42.7	43.4	0	0
147274	2376	250	1.002	1.1	-0.3	289.7	0	0	80.2	79.4	42.7	43.4	0	0
147275	2360	249.5	1.006	1.1	-0.3	289.3	0	0	80.1	79.4	42.7	43.6	0	0
147276	2356	249.5	1.002	1.1	0	289.3	0	0	80.1	79.4	42.7	43.6	0	0
147277	2348	249.5	0.995	1.1	0	289.3	0	0	79.9	79.4	42.7	43.6	0	0
147278	2336	249.5	0.995	1.1	0.4	289.3	0	0	79.9	79.4	42.7	43.6	0	0
147279	2332	250	0.949	1.1	0.7	289.3	0	0	79.9	79.3	42.7	43.6	0	0
147280	2324	250	0.981	1.1	0.7	289.3	0	0	79.9	79.3	42.7	43.6	0	0
147281	2316	250	0.99	1.3	1.1	289.3	0	0	80.2	79.6	42.7	43.6	0	0
147282	2308	250	0.99	1.3	0.7	289.7	0	0	80.2	79.6	42.7	43.6	0	0
147283	2300	250	0.96	1.3	0.7	289.7	0	0	80.4	79.6	42.7	43.6	0	0
147284	2288	250	0.97	1.3	0.4	289.7	0	0	80.4	79.6	42.8	43.6	0	0
147285	2284	250	0.979	1.1	0.4	289.7	0	0	80.1	79.4	42.8	43.7	0	0
147286	2272	250	0.983	1.1	0	289.7	0	0	80.1	79.4	42.8	43.7	0	0
147287	2268	250	0.972	1.1	0	289.7	0	0	80.1	79.4	42.8	43.4	0	0
147288	2256	250.5	0.999	1.1	-1.7	289.3	0	0	80.1	79.4	42.7	43.4	0	0
147289	2248	250.5	0.972	1.1	-4.9	289	0	0	79.9	79.3	42.7	43.2	0	0
147290	2236	250.5	0.958	1	-8.7	288.6	0	0	79.9	79.3	42.6	43.2	0	0
147291	2236	250.5	0.972	1	-13	287.9	0	0	80.1	79.4	42.6	43.2	0	0
147292	2216	250	1.024	1	-15.1	286.9	0	0	80.1	79.4	42.6	43.2	0	0
147293	2216	250.5	1.034	1.1	-15.4	285.5	0	0	80.1	79.4	42.6	43.7	0	0
147294	2204	250.5	1.045	1.1	-13.7	284.4	0	0	80.1	79.4	42.7	43.7	0	0
147295	2200	250	1.029	1.3	-10.9	283.4	0	0	79.9	79.3	42.7	43.6	0	0
147296	2188	250	1.008	1.3	-8	282.7	0	0	79.9	79.3	42.7	43.6	0	0
147297	2188	250	0.963	1.3	-5.6	282.3	0	0	79.8	79.1	42.7	43.2	0	0
147298	2180	250	0.937	1.1	-4.2	282	0	0	79.8	79.1	42.6	43.2	0	0
147299	2172	250	0.908	1	-3.1	282	0	0	80.1	79.3	42.6	43.3	0	0
147300	2164	250	0.963	1	-2.4	281.6	0	0	80.1	79.3	42.6	43.3	0	0
147301	2152	250	0.963	0.8	-2.1	281.6	0	0	80.1	79.1	42.6	43.6	0	0
147302	2144	250.5	0.963	1	-2.1	281.6	0	0	80.1	79.1	42.7	43.6	0	0
147303	2136	250.5	0.999	1	-2.1	281.2	0	0	80.1	79.3	42.7	43.7	0	0
147304	2124	250.5	1.029	1.1	-2.4	280.9	0	0	80.1	79.3	42.7	43.7	0	0
147305	2116	250.5	1.013	1.1	-2.4	280.9	0	0	79.8	79.1	42.7	43.4	0	0
147306	2104	250.5	1.004	1.3	-2.1	280.5	0	0	79.8	79.1	42.6	43.4	0	0
147307	2100	250.5	0.983	1.3	-1.4	280.5	0	0	79.8	79.1	42.6	43.2	0	0
147308	2092	250.5	0.967	1.1	-1	280.5	0	0	79.8	79.1	42.6	43.2	0	0
147309	2084	250.5	0.967	1.1	-0.7	280.5	0	0	79.8	79	42.6	43.2	0	0
147310	2072	250.5	0.951	1	0	280.5	0	0	79.8	79	42.6	43.2	0	0
147311	2064	250.5	0.953	1	0	280.5	0	0	79.8	79.1	42.6	43.3	0	0
147312	2056	250.5	0.974	1	0	280.5	0	0	79.8	79.1	42.6	43.3	0	0
147313	2048	250.5	0.963	1	-0.3	280.5	0	0	79.9	79	42.6	43.4	0	0
147314	2040	250.5	1.008	1.1	-0.3	280.5	0	0	79.9	79	42.6	43.4	0	0
147315	2028	250	1.02	1.3	-0.7	280.5	0	0	79.8	79.1	42.6	43.4	0	0

147316	2020	250	0.988	1.3	-0.7	280.2	0	0	79.8	79.1	42.6	43.4	0	0
147317	2020	250	1.02	1.3	-0.7	280.2	0	0	79.8	79.1	42.6	43.6	0	0
147318	2004	249.5	1.02	1.5	-0.7	280.2	0	0	79.8	79.1	42.6	43.6	0	0
147319	1996	249	0.958	1.3	-0.3	280.2	0	0	79.6	79.1	42.6	43.6	0	0
147320	1992	249	0.986	1.3	0.4	279.8	0	0	79.6	79.1	42.6	43.6	0	0
147321	1980	249	0.96	1.1	0.7	279.8	0	0	80.1	79.1	42.6	43.6	0	0
147322	1972	249	0.949	1.1	0.7	280.2	0	0	80.1	79.1	42.6	43.6	0	0
147323	1964	249	0.976	1.1	0.7	280.2	0	0	80.2	79	42.6	43.6	0	0
147324	1956	249	0.944	1.1	0.7	280.2	0	0	80.2	79	42.7	43.6	0	0
147325	1948	249	0.965	1.1	0.4	280.2	0	0	80.2	79.4	42.7	43.6	0	0
147326	1940	249	0.986	1.1	0	280.2	0	0	80.2	79.4	43	43.6	0	0
147327	1928	249.5	0.99	1.1	-0.3	280.2	0	0	80.4	79.6	43	43.7	0	0
147328	1920	249.5	0.983	1.1	-0.3	280.2	0	0	80.4	79.6	43.1	43.7	0	0
147329	1908	249	0.967	1.1	-0.3	280.2	0	0	80.2	79.9	43.1	43.4	0	0
147330	1904	248.5	0.988	1.1	-0.3	280.2	0	0	80.2	79.9	43.1	43.4	0	0
147331	1896	248.5	0.988	1.3	0	280.2	0	0	80.2	79.8	43.1	43.3	0	0
147332	1892	249	1.05	1.7	0.4	279.8	0	0	80.2	79.8	43.1	43.3	0	0
147333	1888	249	1.05	1.8	0.4	279.8	0	0	80.2	80.1	43.1	43.4	0	0
147334	1880	249	1.038	2	0.7	279.8	0	0	80.2	80.1	43.1	43.4	0	0
147335	1880	248.5	1.038	2	0.7	279.8	0	0	80.4	80.2	43.1	43.8	0	0
147336	1876	248	0.999	2.2	0.7	279.8	0	0	80.4	80.2	43.2	43.8	0	0
147337	1876	248	1.006	2.2	0.7	280.2	0	0	81.4	80.7	43.2	43.4	0	0
147338	1880	248	0.99	2.2	0.7	280.2	0	0	81.4	80.7	43.8	43.4	0	0
147339	1876	248	0.995	2.2	1.1	280.2	0	0	81.7	81.2	43.8	43.7	0	0
147340	1876	248.5	0.96	2.2	0.7	280.2	0	0	81.7	81.2	44.3	43.7	0	0
147341	1872	248.5	0.949	2.2	0.4	280.5	0	0	81.7	81.5	44.3	43.7	0	0
147342	1876	248.5	0.97	2.2	-0.3	280.2	0	0	81.7	81.5	44.1	43.7	0	0
147343	1872	249	1.002	2.2	-0.7	280.2	0	0	81.2	81.5	44.1	43.3	0	0
147344	1868	249	0.99	2.2	-1	280.2	0	0	81.2	81.5	43.6	43.3	0	0
147345	1868	249	0.99	2.2	-0.7	279.8	0	0	80.9	80.6	43.6	43.2	0	0
147346	1868	249.5	0.988	2.2	0	279.8	0	0	80.9	80.6	43.1	43.2	0	0
147347	1868	249.5	0.988	2.4	0.4	279.8	0	0	80.1	80.2	43.1	43.4	0	0
147348	1868	249.5	1.004	2.4	1.1	279.8	0	0	80.1	80.2	42	43.4	0	0
147349	1864	249	0.967	2.4	1.4	279.8	0	0	78.8	79.6	42	43.4	0	0
147350	1868	248	0.972	2.4	1.4	279.8	0	0	78.8	79.6	42	43.4	0	0
147351	1868	248	0.963	2.2	1.1	279.8	0	0	77.5	79.1	42	43.1	0	0
147352	1864	247	0.967	2.2	0.7	279.8	0	0	77.5	79.1	40.3	43.1	0	0
147353	1868	246.5	0.988	2.2	0.4	279.8	0	0	75.8	78.2	40.3	43.6	0	0
147354	1860	246	0.97	2.2	0.4	280.2	0	0	75.8	78.2	38.5	43.6	0	0
147355	1860	245.5	1.015	2.4	0.4	280.2	0	0	74.2	77	38.5	42.7	0	0
147356	1860	245	1.027	2.4	0.7	280.2	0	0	74.2	77	36.9	42.7	0	0
147357	1860	244	0.99	2.5	0.7	280.2	0	0	72.7	76.1	36.9	41	0	0
147358	1860	243	0.99	2.5	1.1	280.5	0	0	72.7	76.1	35.2	41	0	0
147359	1864	242	0.976	2.5	0.7	280.5	0	0	71.4	74.8	35.2	38.8	0	0
147360	1868	241	0.995	2.5	0	280.5	0	0	71.4	74.8	33.5	38.8	0	0
147361	1860	240	1.011	2.7	-0.3	280.5	0	0	70.5	73.8	33.5	37	0	0
147362	1864	239	1.022	2.7	-0.7	280.2	0	0	70.5	73.8	32.1	37	0	0
147363	1856	238.5	0.981	2.7	-0.7	280.2	0	0	69.7	73.2	32.1	35.4	0	0
147364	1860	237	1.006	2.7	-0.7	280.2	0	0	69.7	73.2	30.8	35.4	0	0
147365	1860	236.5	0.986	2.7	-0.3	280.2	0	0	68.9	72.6	30.8	34.2	0	0
147366	1860	235.5	0.981	2.7	0	280.2	0	0	68.9	72.6	29.8	34.2	0	0
147367	1860	234.5	0.949	2.7	0.4	280.2	0	0	68.4	72.1	29.8	33.2	0	0
147368	1860	233.5	0.986	2.7	0.7	280.2	0	0	68.4	72.1	29	33.2	0	0
147369	1864	233	0.981	2.9	0.7	280.2	0	0	70.5	71.6	29	32.3	0	0
147370	1864	232	0.995	2.9	0.7	280.2	0	0	70.5	71.6	29.6	32.3	0	0
147371	1864	230.5	0.981	3.1	0.4	280.5	0	0	75.1	71.1	29.6	31.7	0	0
147372	1860	230	0.99	2.9	0.4	280.5	0	0	75.1	71.1	30.8	31.7	0	0
147373	1864	229.5	0.94	2.7	0	280.5	0	0	76.4	71	30.8	31.6	0	0
147374	1856	228.5	0.908	2.4	-0.3	280.5	0	0	76.4	71	31.5	31.6	0	0
147375	1848	227.5	0.894	1.8	-0.3	280.5	0	0	77	72.1	31.5	31.6	0	0
147376	1844	227	0.899	1.7	-0.7	280.5	0	0	77	72.1	32.1	31.6	0	0
147377	1840	227	0.949	1.5	-1	280.5	0	0	77	75.1	32.1	32.8	0	0
147378	1828	227	0.99	1.5	-1.4	280.2	0	0	77	75.1	32.6	32.8	0	0
147379	1824	226.5	1.006	1.7	-1	280.2	0	0	75.9	75.8	32.6	34.1	0	0
147380	1812	226	0.99	1.7	-0.7	279.8	0	0	75.9	75.8	32.9	34.1	0	0
147381	1804	226	0.97	1.7	-0.3	279.8	0	0	75.8	75.9	32.9	35	0	0
147382	1796	225.5	0.99	1.7	0.4	279.8	0	0	75.8	75.9	33.2	35	0	0
147383	1788	225	0.965	1.7	0.7	279.8	0	0	75.4	75.8	33.2	35.3	0	0
147384	1780	225.5	0.965	1.7	1.1	279.8	0	0	75.4	75.8	33.4	35.3	0	0
147385	1768	225	0.97	1.7	0.7	280.2	0	0	75.3	76.1	33.4	35.6	0	0
147386	1764	225	0.96	1.7	0.7	280.2	0	0	75.3	76.1	33.4	35.6	0	0

147387	1752	225	1.002	1.7	0.4	280.2	0	0	75.3	76.1	33.4	35.9	0	0
147388	1748	225	1.002	1.7	0	280.2	0	0	75.3	76.1	33.5	35.9	0	0
147389	1736	224.5	0.972	1.7	0	280.2	0	0	75.3	75.9	33.5	36	0	0
147390	1728	224	0.992	1.7	0	280.2	0	0	75.3	75.9	33.6	36	0	0
147391	1716	223.5	0.963	1.7	-0.3	280.2	0	0	74.8	75.6	33.6	36	0	0
147392	1712	223.5	0.942	1.5	-0.7	280.2	0	0	74.8	75.6	33.6	36	0	0
147393	1704	223.5	0.958	1.5	-0.7	280.2	0	0	75.3	75.8	33.6	36	0	0
147394	1700	223	0.983	1.7	-0.3	280.2	0	0	75.3	75.8	33.6	36	0	0
147395	1688	223	0.979	1.7	0	279.8	0	0	75.4	76.4	33.6	36.2	0	0
147396	1680	222.5	0.999	1.8	0.4	279.8	0	0	75.4	76.4	33.8	36.2	0	0
147397	1672	222	0.988	1.8	0.7	279.8	0	0	75.4	76.6	33.8	36.4	0	0
147398	1664	222	1.011	2.2	0.4	279.8	0	0	75.4	76.6	34	36.4	0	0
147399	1656	221.5	0.974	2.2	-0.3	279.8	0	0	75.4	76.9	34	36.8	0	0
147400	1652	221	1.006	2.2	-2.4	279.8	0	0	75.4	76.9	34.2	36.8	0	0
147401	1644	220.5	1.027	2.4	-4.5	279.5	0	0	77.5	77.5	34.2	37.6	0	0
147402	1636	220	0.981	2.2	-6.3	278.8	0	0	77.5	77.5	35.1	37.6	0	0
147403	1632	220	0.965	2	-7	278.4	0	0	78.5	78	35.1	39.1	0	0
147404	1624	220	1.011	2	-8	277.7	0	0	78.5	78	36.5	39.1	0	0
147405	1616	220	1.027	1.8	-8.7	277	0	0	79.1	78.5	36.5	41.2	0	0
147406	1608	220	0.972	1.5	-9.1	276.3	0	0	79.1	78.5	38.9	41.2	0	0
147407	1600	220.5	1.004	1.7	-8.7	275.6	0	0	79.6	79.3	38.9	43.7	0	0
147408	1596	220.5	1.024	1.7	-7.7	274.9	0	0	79.6	79.3	41.5	43.7	0	0
147409	1596	220.5	1.008	1.7	-7	274.2	0	0	78.6	78.6	41.5	43.9	0	0
147410	1588	220.5	0.951	1.3	-6.6	273.9	0	0	78.6	78.6	42.6	43.9	0	0
147411	1580	220.5	0.983	1.3	-6.3	273.2	0	0	77.8	78.3	42.6	44	0	0
147412	1580	220.5	0.992	1.5	-5.9	272.5	0	0	77.8	78.3	42.2	44	0	0
147413	1576	220	1.091	2	-5.6	272.1	0	0	76.6	78.2	42.2	43.2	0	0
147414	1576	219.5	1.105	2.5	-4.5	271.4	0	0	76.6	78.2	39.7	43.2	0	0
147415	1580	218.5	1.098	2.9	-3.5	271.1	0	0	74.5	77.2	39.7	43.3	0	0
147416	1592	217.5	1.036	3.1	-2.4	270.7	0	0	74.5	77.2	37.5	43.3	0	0
147417	1596	216.5	0.949	2.9	-1.7	270.7	0	0	72.4	75.9	37.5	42.1	0	0
147418	1604	215.5	0.956	2.7	-0.7	270.7	0	0	72.4	75.9	35.2	42.1	0	0
147419	1612	214	1.006	2.5	-0.7	270.3	0	0	70.8	74.3	35.2	38.7	0	0
147420	1616	212	0.97	2.4	-1	270.3	0	0	70.8	74.3	33.1	38.7	0	0
147421	1624	210.5	0.965	2	0.4	270.3	0	0	69.5	72.7	33.1	36	0	0
147422	1628	209	1.031	1.8	2.1	270.3	0	0	69.5	72.7	31	36	0	0
147423	1636	207	1.052	1.8	3.2	270.7	0	0	68.2	71.9	31	34.1	0	0
147424	1648	205	1.091	2.4	2.8	271.1	0	0	68.2	71.9	29.5	34.1	0	0
147425	1660	203	1.07	2.9	2.1	271.4	0	0	67.1	71	29.5	32.3	0	0
147426	1672	200	1.034	3.3	2.1	271.4	0	0	67.1	71	28	32.3	0	0
147427	1692	197.5	1.084	3.8	1.8	271.8	0	0	66.3	69.8	28	30.8	0	0
147428	1704	195	0.958	3.6	1.4	271.8	0	0	66.3	69.8	26.8	30.8	0	0
147429	1720	192.5	0.88	2.9	1.1	271.8	0	0	65.2	68.9	26.8	29.6	0	0
147430	1732	190.5	0.917	2.5	-0.7	272.1	0	0	65.2	68.9	25.7	29.6	0	0
147431	1740	188.5	0.917	2.4	-0.7	272.1	0	0	66.8	67.9	25.7	28.4	0	0
147432	1748	187	0.958	2.4	0	272.1	0	0	66.8	67.9	25.7	28.4	0	0
147433	1756	184.5	0.958	2.4	0	272.1	0	0	67.3	67	25.7	27.4	0	0
147434	1760	181.5	0.937	2	-0.3	272.1	0	0	67.3	67	25.4	27.4	0	0
147435	1756	179.5	0.846	1.3	-0.7	272.1	0	0	70.8	66	25.4	26.6	0	0
147436	1756	177.5	0.887	0.8	-0.7	272.1	0	0	70.8	66	26	26.6	0	0
147437	1760	176	0.855	0.3	-1	272.1	0	0	72.7	67.1	26	26.1	0	0
147438	1748	174.5	0.88	-0.2	-1	272.1	0	0	72.7	67.1	26.4	26.1	0	0
147439	1736	173.5	0.871	-0.9	-1.4	272.1	0	0	70	69.5	26.4	27.1	0	0
147440	1716	173.5	0.992	-0.6	-1.7	271.8	0	0	70	69.5	26.1	27.1	0	0
147441	1708	172	0.956	-0.4	-2.1	271.4	0	0	67.8	68.1	26.1	27.2	0	0
147442	1696	171	0.995	-0.6	-1.7	271.4	0	0	67.8	68.1	25.4	27.2	0	0
147443	1692	170	0.974	-0.4	-1.7	271.1	0	0	65.8	66.8	25.4	26.6	0	0
147444	1676	169	1.052	0.1	-1.7	271.1	0	0	65.8	66.8	24.3	26.6	0	0
147445	1668	168	1.052	0.4	-1	270.7	0	0	64.3	70.2	24.3	26.1	0	0
147446	1652	166.5	0.97	0.3	0.7	270.7	0	0	64.3	70.2	23.6	26.1	0	0
147447	1652	165.5	0.995	0.4	0.7	270.7	0	0	68.9	75.4	23.6	27.8	0	0
147448	1640	165	1.031	1	0	270.7	0	0	68.9	75.4	24.9	27.8	0	0
147449	1636	164	1.011	1	-1	270.7	0	0	75.8	77.7	24.9	30.3	0	0
147450	1628	163.5	0.963	1	-1	270.7	0	0	75.8	77.7	27.6	30.3	0	0
147451	1624	163.5	0.988	1.1	-1.4	270.3	0	0	79	79	27.6	34	0	0
147452	1616	162.5	0.974	1.1	-1.4	270.3	0	0	79	79	31.7	34	0	0
147453	1612	162.5	0.942	1	-1.7	270	0	0	79.9	79.4	31.7	38.2	0	0
147454	1608	163	0.942	0.6	-1.4	270	0	0	79.9	79.4	36.5	38.2	0	0
147455	1596	163	0.942	0.4	-0.7	270	0	0	80.2	79.1	36.5	42.1	0	0
147456	1588	163.5	0.963	0.3	0	270	0	0	80.2	79.1	40.6	42.1	0	0
147457	1580	164	0.979	0.3	0.4	270	0	0	79.4	78.6	40.6	45.3	0	0

147458	1576	164.5	1.036	0.6	0.4	270	0	0	79.4	78.6	43.3	45.3	0	0
147459	1564	164.5	1.052	1.3	-0.3	270	0	0	79	78.3	43.3	47.5	0	0
147460	1556	163.5	0.99	1.1	-1	270	0	0	79	78.3	44.5	47.5	0	0
147461	1552	162.5	1.006	1.5	-1.4	270	0	0	79	78.5	44.5	48.6	0	0
147462	1552	162.5	1.077	2.2	-1.7	269.6	0	0	79	78.5	44.6	48.6	0	0
147463	1548	162.5	1.022	2.7	0	269.6	0	0	79.1	78.8	44.6	48.9	0	0
147464	1548	161.5	1.068	3.1	1.1	269.6	0	0	79.1	78.8	44	48.9	0	0
147465	1548	160	0.949	2.7	0.4	269.3	0	0	79.8	79.6	44	48.7	0	0
147466	1548	159	0.96	2.9	0	269.6	0	0	79.8	79.6	43.8	48.7	0	0
147467	1556	158.5	0.967	3.1	0	269.6	0	0	81.2	80.4	43.8	45.3	0	0
147468	1552	159	1.004	3.6	0	269.6	0	0	81.2	80.4	44.3	45.3	0	0
147469	1556	158	1.004	4	0.7	269.6	0	0	82.2	82.3	44.3	43.7	0	0
147470	1560	159	0.958	3.3	1.4	269.6	0	0	82.2	82.3	44.4	43.7	0	0
147471	1564	159.5	0.887	2.4	0	269.6	0	0	83	83.1	44.4	43.6	0	0
147472	1564	160	0.942	2.2	-1	269.6	0	0	83	83.1	44.6	43.6	0	0
147473	1556	160.5	0.933	1.7	-1	269.6	0	0	82.6	82.3	44.6	43.9	0	0
147474	1552	161.5	0.901	1.3	-0.3	269.6	0	0	82.6	82.3	44.7	43.9	0	0
147475	1556	161.5	0.951	1.3	0	269.6	0	0	81.7	81.2	44.7	43.6	0	0
147476	1548	162	1.004	1.5	0	269.6	0	0	81.7	81.2	43.8	43.6	0	0
147477	1544	162	0.963	1.7	-0.3	269.6	0	0	81.2	80.7	43.8	43.2	0	0
147478	1540	162	1.024	2	-0.7	269.6	0	0	81.2	80.7	42.8	43.2	0	0
147479	1536	162	0.992	2.2	-1	269.6	0	0	80.9	80.4	42.8	43.2	0	0
147480	1532	161	1.034	2	-1.7	269.6	0	0	80.9	80.4	42	43.2	0	0
147481	1528	158.5	0.942	1.8	-1.7	269.6	0	0	80.7	80.2	42	43.1	0	0
147482	1520	160.5	1.063	2	0.4	269.6	0	0	80.7	80.2	42.5	43.1	0	0
147483	1524	162	0.988	1.8	2.5	269.6	0	0	81	80.2	42.5	43.4	0	0
147484	1520	161.5	0.972	1.7	1.4	269.6	0	0	81	80.2	42.8	43.4	0	0
147485	1508	161	0.921	1.1	0	270	0	0	81.4	80.2	42.8	43.6	0	0
147486	1504	162	0.901	0.8	-1	270	0	0	81.4	80.2	43	43.6	0	0
147487	1500	160	0.972	1	-1.7	270	0	0	81.4	80.4	43	43.8	0	0
147488	1496	161	0.917	0.6	-1.4	270	0	0	81.4	80.4	43.3	43.8	0	0
147489	1484	162.5	0.999	0.8	-1	269.6	0	0	80.9	80.1	43.3	43.3	0	0
147490	1480	162.5	1.008	0.8	-2.4	269.6	0	0	80.9	80.1	43.2	43.3	0	0
147491	1468	163	0.912	0.3	-3.1	269.3	0	0	80.6	80.1	43.2	43.1	0	0
147492	1460	163	0.963	0.1	-3.5	268.9	0	0	80.6	80.1	42.6	43.1	0	0
147493	1448	163	0.986	0.3	-4.9	268.6	0	0	79.8	79.9	42.6	43.3	0	0
147494	1432	162	1.022	0.3	-10.1	267.5	0	0	79.8	79.9	42.1	43.3	0	0
147495	1424	162.5	0.931	-0.2	-14	266.5	0	0	79.1	79.3	42.1	43.4	0	0
147496	1412	164.5	1.052	0	-15.8	265.1	0	0	79.1	79.3	42.1	43.4	0	0
147497	1400	162.5	1.011	0	-18.2	263	0	0	78.8	79	42.1	43.3	0	0
147498	1388	162	1.022	0	-19.3	260.5	0	0	78.8	79	41.9	43.3	0	0
147499	1376	163.5	0.986	0	-18.6	258.4	0	0	78.6	78.6	41.9	43.1	0	0
147500	1364	163.5	1.082	0.3	-18.6	256.3	0	0	78.6	78.6	41.2	43.1	0	0
147501	1352	163.5	1.047	0.3	-18.9	253.8	0	0	78.6	77.7	41.2	43	0	0
147502	1332	162.5	1.057	0.3	-19.6	251.7	0	0	78.6	77.7	40.7	43	0	0
147503	1324	162.5	1.043	0.3	-19.6	249.6	0	0	78.5	77	40.7	42.8	0	0
147504	1316	162.5	1.089	0.8	-20.3	247.5	0	0	78.5	77	40.3	42.8	0	0
147505	1312	161.5	1.18	1.8	-20	245	0	0	78.8	76.6	40.3	42	0	0
147506	1296	160	1.219	2.7	-20.3	242.6	0	0	78.8	76.6	40	42	0	0
147507	1284	157	0.986	1.7	-19.3	240.8	0	0	79.3	76.9	40	40.7	0	0
147508	1276	158.5	0.949	1.1	-19.3	238.7	0	0	79.3	76.9	39.9	40.7	0	0
147509	1288	159	1.068	2	-18.2	236.6	0	0	79.8	77.8	39.9	40.3	0	0
147510	1284	156.5	1.105	2.5	-20	234.1	0	0	79.8	77.8	40.7	40.3	0	0
147511	1280	156	1.196	3.6	-21.8	231.7	0	0	80.7	80.1	40.7	42.5	0	0
147512	1284	156	1.15	4.7	-21	228.9	0	0	80.7	80.1	42.6	42.5	0	0
147513	1280	155.5	1.141	5.5	-20	226.1	0	0	82	82.6	42.6	45.1	0	0
147514	1288	156.5	1.054	5.4	-18.9	223.2	0	0	82	82.6	44.6	45.1	0	0
147515	1296	156.5	1.024	5	-19.3	221.1	0	0	83.9	84.1	44.6	45.1	0	0
147516	1300	157.5	0.992	4.7	-22.1	218.7	0	0	83.9	84.1	45.6	45.1	0	0
147517	1304	157.5	0.942	3.6	-24.6	216.6	0	0	84.7	84.6	45.6	45	0	0
147518	1304	159	0.942	2.5	-22.8	214.1	0	0	84.7	84.6	45.6	45	0	0
147519	1300	160.5	0.958	1.8	-21.8	211.6	0	0	83.8	83.9	45.6	44.5	0	0
147520	1296	161	0.892	1.1	-21.4	209.5	0	0	83.8	83.9	44.9	44.5	0	0
147521	1288	162	0.926	0.4	-21	207.1	0	0	82	82.5	44.9	43.4	0	0
147522	1284	162.5	1.059	0.4	-23.2	204.3	0	0	82	82.5	43.2	43.4	0	0
147523	1268	163	1.091	0.6	-26	201.4	0	0	80.6	79.9	43.2	43.4	0	0
147524	1268	164	1.091	0.8	-26	198.6	0	0	80.6	79.9	41.2	43.4	0	0
147525	1244	163.5	1.141	1	-24.6	195.5	0	0	79.9	79	41.2	42.8	0	0
147526	1240	163	0.958	0.1	-22.5	193	0	0	79.9	79	42.5	42.8	0	0
147527	1228	162	0.951	-0.9	-20	191.2	0	0	79.8	78.5	42.5	43.7	0	0
147528	1224	162	1.137	0	-20.3	188.8	0	0	79.8	78.5	42.5	43.7	0	0

147529	1204	160	1.13	0.1	-18.9	186.3	0	0	80.4	78.3	42.5	43.2	0	0
147530	1196	158.5	0.988	-0.6	-16.5	184.6	0	0	80.4	78.3	42.4	43.2	0	0
147531	1188	157.5	0.901	-1.6	-11.9	183.2	0	0	79.1	78	42.4	43.2	0	0
147532	1176	157	0.887	-2.3	-8.7	182.1	0	0	79.1	78	42.2	43.2	0	0
147533	1164	155.5	0.912	-2.9	-4.9	181.4	0	0	78.2	77.2	42.2	43	0	0
147534	1148	154.5	0.892	-3.6	-3.1	180.7	0	0	78.2	77.2	40.9	43	0	0
147535	1124	154.5	0.933	-3.9	-2.8	180.4	0	0	77.8	77	40.9	42.5	0	0
147536	1104	154	0.915	-4.1	-2.4	180	0	0	77.8	77	39.1	42.5	0	0
147537	1084	152	0.981	-4.3	-5.6	179.6	0	0	77.7	77	39.1	41.5	0	0
147538	1068	149.5	0.924	-4.4	-4.9	179.6	0	0	77.7	77	37.9	41.5	0	0
147539	1048	151	1.061	-3.4	-5.2	178.9	0	0	80.1	77.7	37.9	41	0	0
147540	1024	150.5	0.935	-3.7	-7.7	178.2	0	0	80.1	77.7	38.7	41	0	0
147541	1008	152	0.903	-4.3	-8.7	177.9	0	0	80.4	77.8	38.7	41.5	0	0
147542	988	151.5	0.995	-3.6	-8.4	176.8	0	0	80.4	77.8	41	41.5	0	0
147543	968	151	1.031	-3.4	-9.4	175.8	0	0	79.1	77.7	41	42.7	0	0
147544	936	152.5	0.919	-4.6	-9.1	174.7	0	0	79.1	77.7	42.2	42.7	0	0
147545	916	152	0.873	-5.3	-10.9	174	0	0	77.7	77.7	42.2	43.6	0	0
147546	892	152.5	0.976	-5.1	-11.9	172.6	0	0	77.7	77.7	41.3	43.6	0	0
147547	868	150.5	1.022	-4.6	-13.3	170.9	0	0	75.1	77	41.3	43.3	0	0
147548	836	151.5	1.118	-3.9	-13	169.1	0	0	75.1	77	38.1	43.3	0	0
147549	816	149.5	1.006	-4.1	-12.6	167.3	0	0	72.1	75.8	38.1	41.9	0	0
147550	800	148.5	1.047	-3	-15.8	165.2	0	0	72.1	75.8	35	41.9	0	0
147551	776	148.5	1.057	-2.7	-16.8	163.5	0	0	69.5	73.2	35	38.3	0	0
147552	752	148.5	0.97	-3.6	-17.9	161.7	0	0	69.5	73.2	32.1	38.3	0	0
147553	728	148.5	0.949	-4.1	-17.9	159.6	0	0	68.2	71.1	32.1	34.8	0	0
147554	700	148	0.972	-3.9	-18.6	157.5	0	0	68.2	71.1	29.9	34.8	0	0
147555	684	147.5	1.059	-3.2	-22.5	154.7	0	0	68.1	69.5	29.9	32.2	0	0
147556	664	146.5	1.269	-0.7	-22.1	150.5	0	0	68.1	69.5	28.6	32.2	0	0
147557	644	145.5	1.137	-0.4	-23.5	147.3	0	0	68.2	69	28.6	30.5	0	0
147558	616	144.5	1.054	-1.3	-24.2	145.5	0	0	68.2	69	27.7	30.5	0	0
147559	612	143.5	1.059	-1.3	-24.2	142.4	0	0	68.1	69	27.7	29.5	0	0
147560	596	143.5	1.141	-0.4	-26	138.5	0	0	68.1	69	27	29.5	0	0
147561	580	142	1.091	-0.4	-28.1	135	0	0	71	70	27	29.4	0	0
147562	560	142	1.082	-0.6	-24.2	130.8	0	0	71	70	27.4	29.4	0	0
147563	536	140.5	1.036	-1.1	-20.7	128	0	0	75.8	72.7	27.4	29.6	0	0
147564	528	139.5	0.935	-1.6	-18.6	125.9	0	0	75.8	72.7	28.8	29.6	0	0
147565	504	139	0.965	-2	-15.4	123.7	0	0	76.1	75	28.8	31.3	0	0
147566	484	138	0.91	-2.5	-13.7	122	0	0	76.1	75	29.8	31.3	0	0
147567	468	137.5	0.956	-2.3	-15.4	119.9	0	0	75.1	75.4	29.8	32.6	0	0
147568	448	139.5	1.107	-1.6	-15.1	118.1	0	0	75.1	75.4	30.5	32.6	0	0
147569	420	137	1.006	-2.1	-16.1	115.7	0	0	74.8	75.3	30.5	33.2	0	0
147570	404	136.5	0.981	-2.1	-15.1	113.6	0	0	74.8	75.3	30.9	33.2	0	0
147571	392	137	1.07	-1.8	-10.1	111.8	0	0	74.6	74.8	30.9	33.4	0	0
147572	364	137.5	1.024	-1.8	-5.6	110	0	0	74.6	74.8	31.1	33.4	0	0
147573	340	134.5	0.942	-2.5	-5.2	109	0	0	74.8	75.3	31.1	33.6	0	0
147574	324	133.5	0.901	-2.7	-5.9	108.6	0	0	74.8	75.3	31.4	33.6	0	0
147575	308	136.5	0.937	-2.3	-6.3	107.9	0	0	74.8	75.4	31.4	34.1	0	0
147576	288	136	1.029	-1.8	-5.9	107.2	0	0	74.8	75.4	31.6	34.1	0	0
147577	272	135	1.05	-1.3	-6.3	106.5	0	0	75	75.6	31.6	34.4	0	0
147578	252	133.5	1.07	-1.1	-11.6	105.8	0	0	75	75.6	31.9	34.4	0	0
147579	240	132.5	0.999	-0.7	-15.8	104.1	0	0	76.2	76.2	31.9	34.8	0	0
147580	216	132.5	1.05	-0.4	-18.2	102	0	0	76.2	76.2	32.5	34.8	0	0
147581	196	133	1.008	-0.9	-17.9	98.4	0	0	78.2	77.4	32.5	35.8	0	0
147582	188	131	0.926	-1.3	-17.9	95.6	0	0	78.2	77.4	33.6	35.8	0	0
147583	172	130	1.013	-0.7	-15.8	92.8	0	0	78.8	78.3	33.6	38.2	0	0
147584	156	133.5	1.07	-0.4	-14	90.7	0	0	78.8	78.3	35.9	38.2	0	0
147585	148	135	1.004	-0.6	-10.9	88.9	0	0	79.1	79	35.9	41.3	0	0
147586	132	134	1.07	-0.2	-9.1	87.5	0	0	79.1	79	38.2	41.3	0	0
147587	112	133	0.988	-0.4	-8.4	86.1	0	0	79.6	79.1	38.2	44.1	0	0
147588	100	134.5	0.97	-0.7	-4.2	85.8	0	0	79.6	79.1	41.2	44.1	0	0
147589	84	131.5	0.981	-1.1	-1.4	85.4	0	0	79.6	79.1	41.2	46.5	0	0
147590	68	133.5	0.974	-1.1	1.1	85.1	0	0	79.6	79.1	43.3	46.5	0	0
147591	64	138.5	1.006	-1.1	1.8	85.1	0	0	79.4	78.6	43.3	48.3	0	0
147592	36	137	1.123	-0.6	2.1	85.8	0	0	79.4	78.6	44.6	48.3	0	0
147593	24	137.5	0.915	-1.1	6.7	86.5	0	0	78.3	78	44.6	49.5	0	0
147594	16	136	0.981	-1.1	6.3	87.5	0	0	78.3	78	44.4	49.5	0	0
147595	4	132	1.04	-0.2	5.6	88.9	0	0	75	75.6	44.4	47.4	0	0
147596	-20	136	1.006	-0.6	3.5	89.3	0	0	75	75.6	39.7	47.4	0	0
147597	-36	137.5	0.988	-1.1	-1.4	89.3	0	0	71.9	73	39.7	40.3	0	0
147598	-48	132.5	0.871	-1.6	-3.5	88.9	0	0	71.9	73	35.2	40.3	0	0
147599	-56	134.5	1.07	-0.6	0	88.6	0	0	69.4	71	35.2	36	0	0

147600	-76	134.5	1.116	1.1	-1.4	88.2	0	0	69.4	71	31.7	36	0	0
147601	-76	129.5	1.05	1.8	-1.4	87.9	0	0	68.2	69.4	31.7	33.1	0	0
147602	-92	127.5	1.084	2.5	1.8	87.9	0	0	68.2	69.4	29.7	33.1	0	0
147603	-100	125.5	1.018	2.5	4.6	88.2	0	0	68.1	68.7	29.7	31	0	0
147604	-108	124.5	1.079	3.4	-0.3	88.2	0	0	68.1	68.7	28.4	31	0	0
147605	-116	124	0.997	3.4	-1.7	87.9	0	0	67.9	68.6	28.4	29.7	0	0
147606	-124	121.5	1.004	3.1	-1.7	87.5	0	0	67.9	68.6	27.4	29.7	0	0
147607	-116	122.5	1.079	3.1	0.7	86.8	0	0	67.4	67.8	27.4	29.1	0	0
147608	-124	119	0.917	2	-0.7	86.8	0	0	67.4	67.8	26.1	29.1	0	1
147609	-132	118	1.008	1.7	-0.3	86.8	0	0	63.1	64.4	26.1	27.1	0	0
147610	-128	116	0.997	-0.4	-0.3	86.1	0	0	63.1	64.4	23.9	27.1	0	0
147611	-128	114	1.018	0.1	-0.3	86.5	0	0	68.7	70.6	23.9	25.2	0	0
147612	-128	107	0.997	-0.9	-0.3	86.5	0	0	68.7	70.6	24.3	25.2	0	0
147613	-136	101.5	1.034	-0.7	0	86.1	0	0	83.1	84.1	24.3	27.7	0	0
147614	-132	97.5	0.949	-1.1	0	85.8	0	0	83.1	84.1	52.4	27.7	0	0
147615	-132	93	0.942	-1.3	0	85.8	0	0	85.2	85.5	52.4	60.3	0	0
147616	-132	87	0.995	-1.3	-0.3	85.8	0	0	85.2	85.5	60.9	60.3	0	0
147617	-128	81.5	0.995	-1.3	-0.7	85.8	0	0	85.5	86	60.9	52.6	0	0
147618	-132	74	1.008	-1.3	-0.7	86.8	0	0	85.5	86	57.5	52.6	0	0
147619	-128	69	0.979	-1.3	-0.7	86.5	0	0	85.7	86.1	57.5	48.8	0	0
147620	-132	68.5	0.974	-1.3	-0.7	86.5	0	0	85.7	86.1	50.1	48.8	0	0
147621	-128	62	1.013	-1.3	-0.7	87.2	0	0	85.5	85.8	50.1	45	0	0
147622	-132	56.5	0.958	-0.9	-0.3	87.2	0	0	85.5	85.8	45.5	45	0	0
147623	-132	52.5	1.006	-1.1	-0.3	87.2	0	0	85.7	85.8	45.5	41.3	0	0
147624	-136	48.5	0.915	-1.3	-0.3	87.2	0	0	85.7	85.8	41.2	41.3	0	0
147625	-124	49.5	0.915	-1.3	0	86.5	0	0	85.3	81.5	41.2	41.2	0	0
147626	-124	51.5	0.995	-1.3	0	85.1	0	0	85.3	81.5	43	41.2	0	0
147627	-124	49.5	0.974	-1.3	0	84.7	0	0	85.2	80.7	43	33.4	0	0
147628	-116	43	0.999	-1.3	-0.3	85.1	0	0	85.2	80.7	42.2	33.4	0	0
147629	-116	44.5	1.027	-1.1	-0.7	85.8	0	0	80.9	75.6	42.2	28.8	0	0
147630	-116	41	0.933	-1.3	-0.7	86.5	0	0	80.9	75.6	27.6	28.8	0	0
147631	-112	36	0.995	-1.3	-1	86.5	0	0	78.2	70.8	27.6	27.8	0	0
147632	-120	38.5	0.988	-1.4	-1	87.2	0	0	78.2	70.8	14	27.8	0	0
147633	-116	35.5	0.963	-1.4	-0.7	86.8	0	0	72.2	66.5	14	26.7	0	0
147634	-116	36	0.976	-1.3	-0.7	86.5	0	0	72.2	66.5	24.5	26.7	0	0
147635	-116	33.5	0.91	-1.4	-1	87.2	0	0	67.1	62.5	24.5	24.7	0	0
147636	-112	29.5	0.967	-1.6	-0.7	88.2	0	0	67.1	62.5	24	24.7	0	0
147637	-112	26.5	0.942	-1.4	-0.3	88.2	0	0	63.1	59	24	22.1	0	0
147638	-112	27	0.992	-1.4	-0.3	87.5	0	0	63.1	59	21.4	22.1	0	0
147639	-112	18	0.992	-1.4	-0.3	86.8	0	0	59.8	56.1	21.4	19.3	0	0
147640	-112	25	0.988	-1.4	0	86.5	0	0	59.8	56.1	18.7	19.3	0	0
147641	-112	21.5	1.008	-1.4	0	86.5	0	0	56.6	53.4	18.7	16.8	0	0
147642	-112	19.5	0.958	-1.4	0	86.8	0	0	56.6	53.4	16.6	16.8	0	0
147643	-112	14.5	1.004	-1.4	0	87.2	0	0	53.9	51.1	16.6	14.7	0	0
147644	-108	4	0.992	-1.4	0	88.9	0	0	53.9	51.1	15.6	14.7	0	0
147645	-112	0	0.983	-1.4	0	93.2	0	0	51.3	49.9	15.6	13.5	0	0
147646	-112	4.5	0.963	-1.4	-0.3	99.5	0	0	51.3	49.9	14.8	13.5	0	0
147647	-112	9.5	0.992	-1.6	-0.3	106.9	0	0	50.2	49.2	14.8	12.8	0	0
147648	-108	10	0.992	-1.8	-0.3	114.6	0	0	50.2	49.2	14.3	12.8	0	0
147649	-108	10	0.979	-1.6	-0.3	123.7	0	0	49.9	49.1	14.3	12.4	0	0
147650	-112	13.5	0.974	-1.6	0	132.5	0	0	49.9	49.1	14.2	12.4	0	0