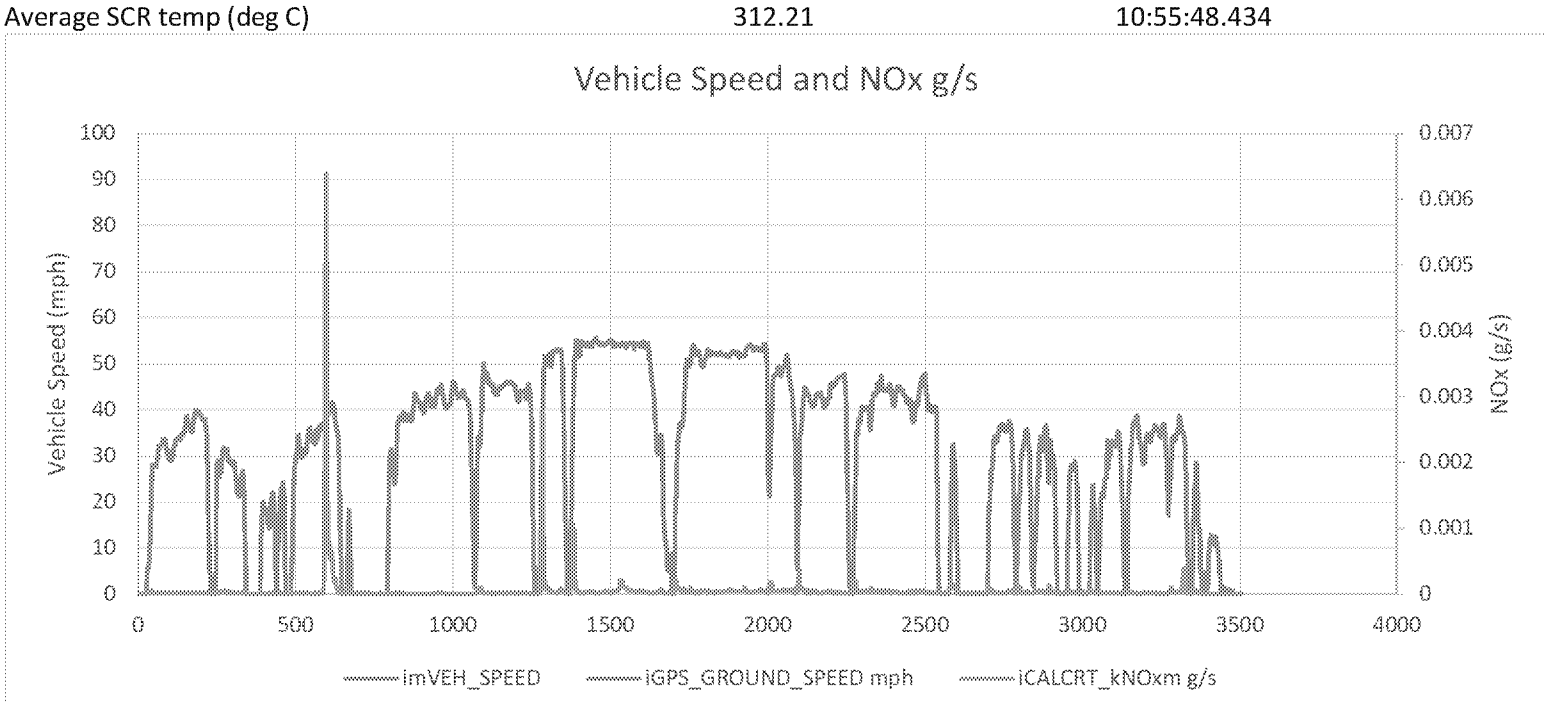
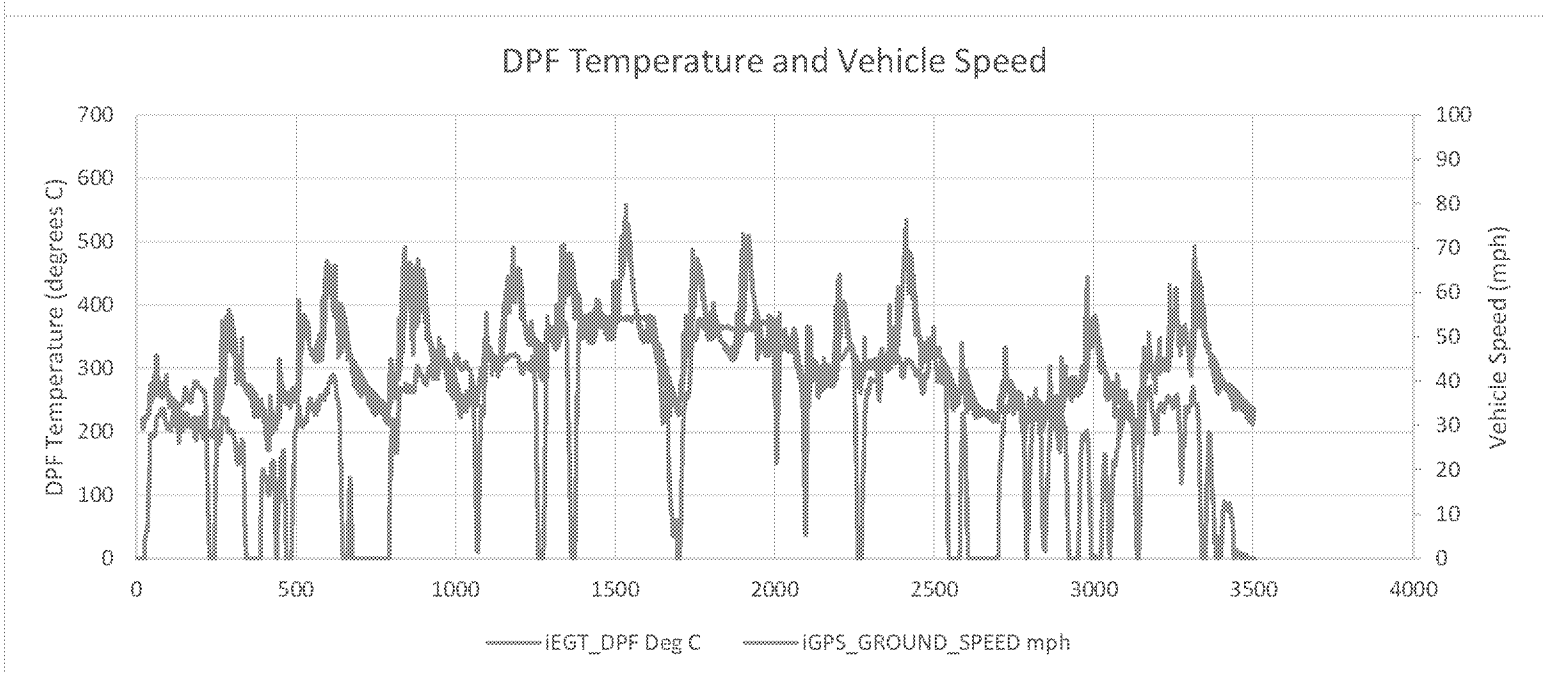
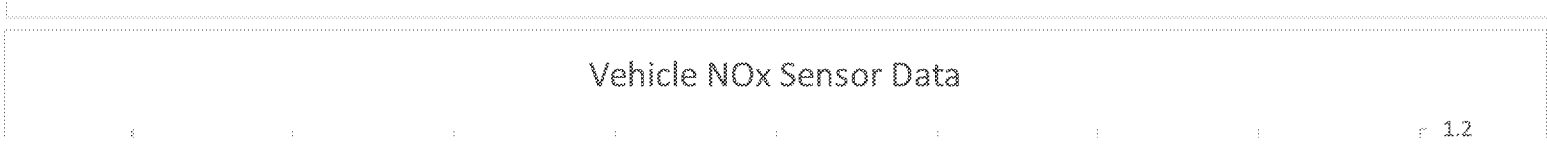
Test Duration (s)	3504
Calculated Test Duration (s)	3504
Average Ambient Temperature (deg C)	12.39
Calculated Average Ambient Temperature (deg C)	12.39
Total Distance Traveled (mi)	29.938
Calculated Total Distance Traveled (mi)	29.652
Total Fuel Consumed (gal)	0.703
Calculated Total Fuel Consumed (gal)	0.703
Overall Fuel Economy (mpg)	42.57
Calculated Overall Fuel Economy (mpg)	42.16
kNOx (g) (corrected NOx)	0.16
Calculated kNOx (g) (corrected NOx)	0.16
kNOx (g/mi) (corrected NOx)	0.005
Calculated kNOx (g/mi) (corrected NOx)	0.005
THC (g)	4.262
Calculated THC (g)	4.261
THC (g/mi)	0.142
Calculated THC (g/mi)	0.144
1st Measured ECT (deg F)	n/a
Test Start Time	10:55:27.434
Test Stop Time	11:53:50.434
Average Speed (mph)	30.46
Regeneration Event?	No
Average SCR temp (deg C)	312.21

sTIME	iCOOL_TEMP	iENG_LOAD	iENG_SPEED
hh:mm:ss.xxx	deg F	%	rpm
10:55:27.434			
10:55:28.434			
10:55:29.434			
10:55:30.434			
10:55:31.434			
10:55:32.434			
10:55:33.434			
10:55:34.434			
10:55:35.434			
10:55:36.434			
10:55:37.434			
10:55:38.434			
10:55:39.434			
10:55:40.434			
10:55:41.434			
10:55:42.434			
10:55:43.434			
10:55:44.434		23.6	829
10:55:45.434		14.4	810
10:55:46.434		21.8	796
10:55:47.434		34.4	947
10:55:48.434		26.1	905
		26.1	879
		53.2	1098
		44.3	1001
		29	1046
		0.7	1038
		8.4	964
		25	948
		51.6	1092
		46.6	1093
		50.4	1159
		50.6	1327
		53.3	1551
		64.3	1835
		65.8	2237
		66.1	2814
		48.5	3542
		18	2980
		44.7	2174
		59.6	2479
		37.2	2625
		18.3	1810
		45.9	996
		58.4	927
		62.1	911
		67.9	910
		76.5	915
		78.9	921
		78.9	917
		77.7	916
		80.9	914
		87.3	911
		95.8	914
		92.1	926
		91.4	936
		90.8	950
		92	964
		91	975
		90.4	997
		89.4	1015

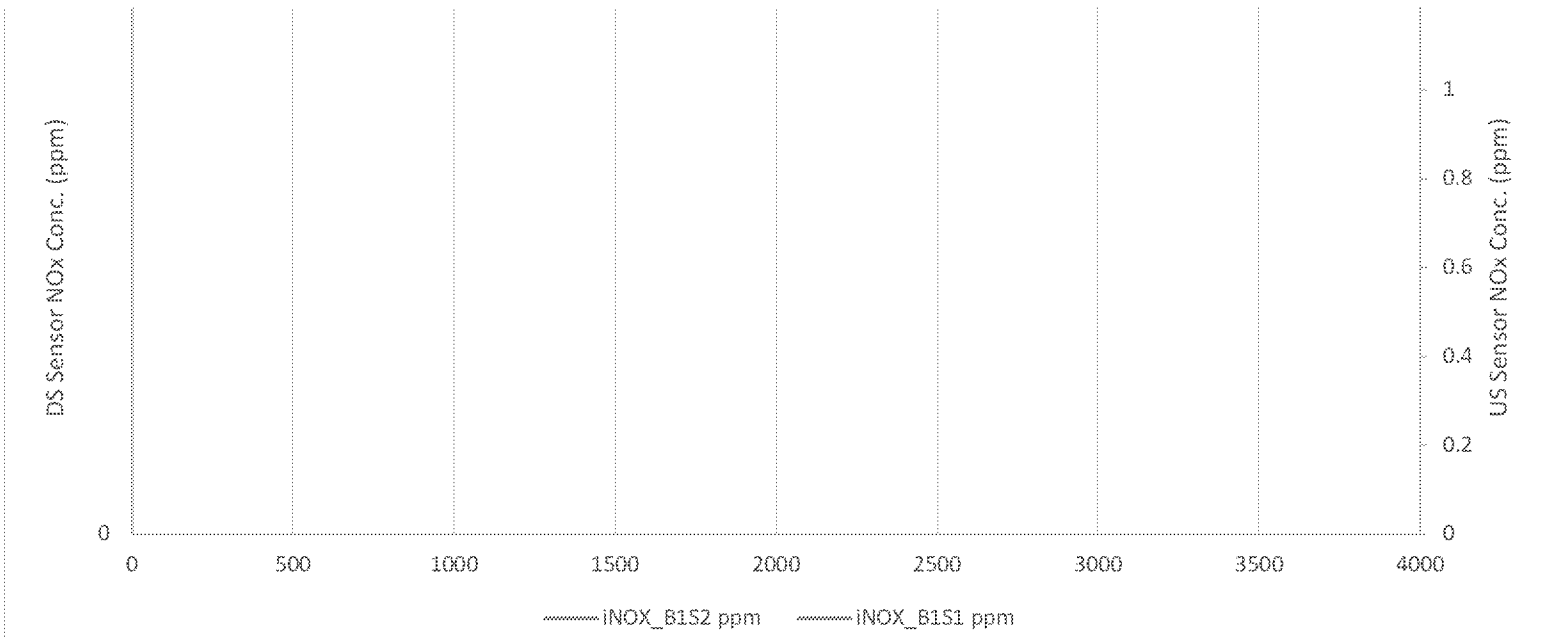


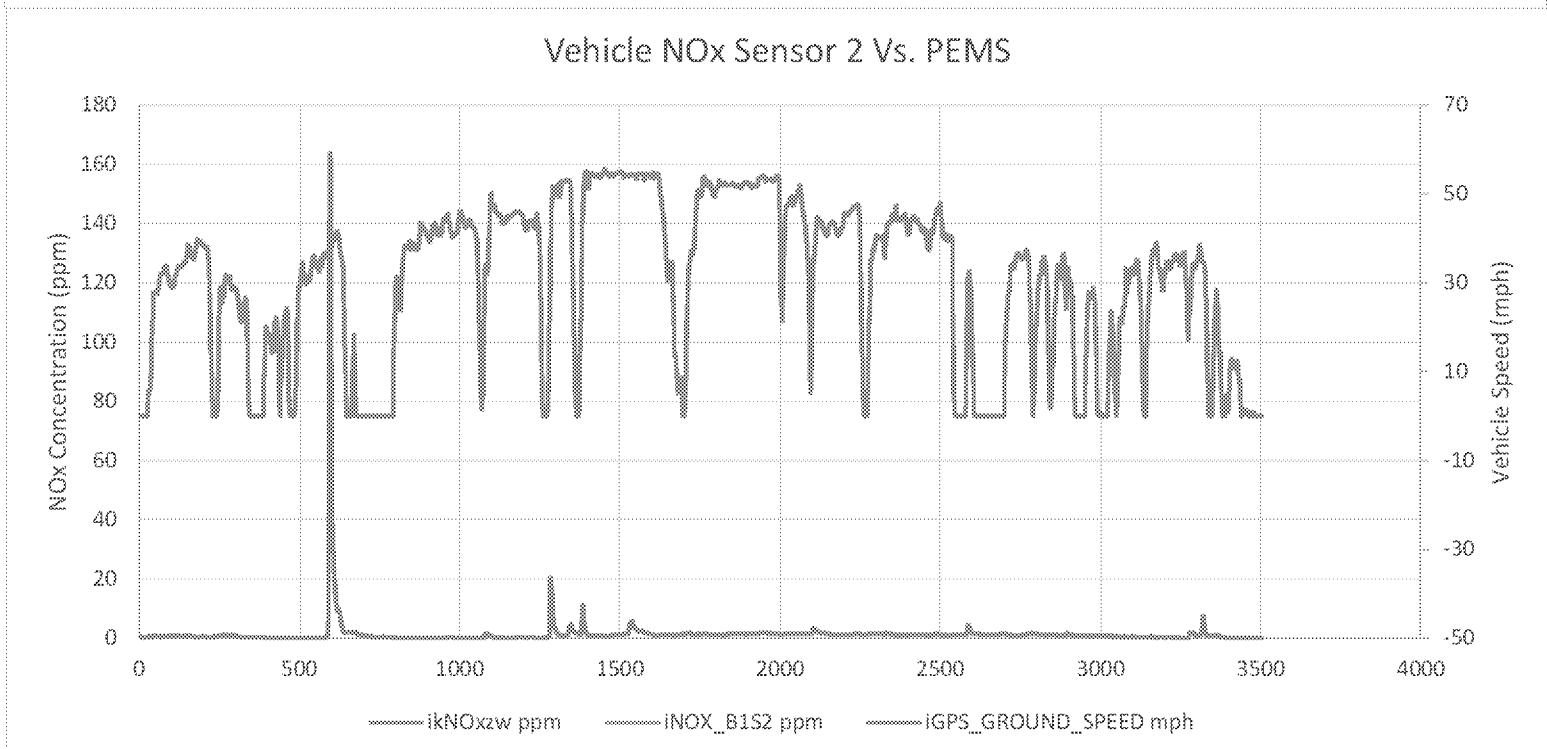


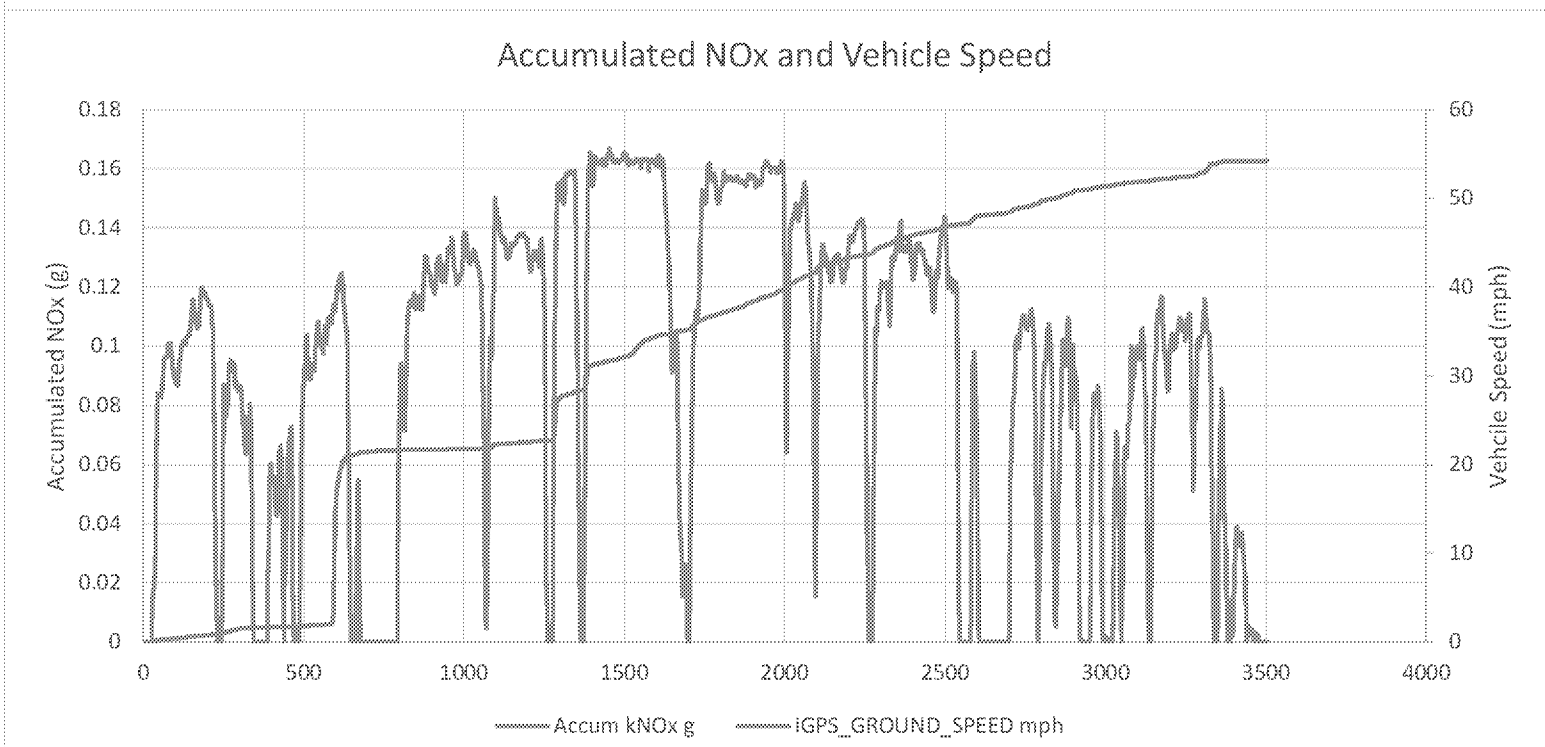


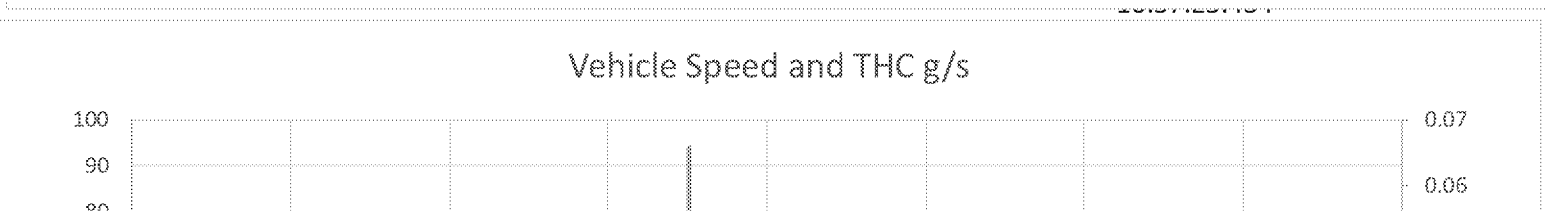
imVEH_SPEED	iMAF	iEGT_11	iEGT_DPF	iGPS_GROUND_SPEED	iWfgps	iCALCRT_kNOxm	iCALCRT_HCm	iSCB_LAT	ikNOxzw
	g/s	Deg C	Deg C	mph	gal/s	g/s	g/s	deg C	ppm
					0	0	0	13	0.6
				0	0	0	0	13	0.6
				0	0	0	0	13	0.5
				0	0	0	0	13	0.4
				0	0	0	0	13	0.4
				0	0	0	0	13	0.4
				0	0	0	0	13	0.4
				0	0	0	0	13	0.4
				0	0	0	0	13	0.4
				0	0	0	0	13	0.3
				0	0	0	0	13	0.3
				0	0	0	0	13	0.3
				0	0	0	0	13	0.3
				0	0	0	0	13	0.3
				0	0	0	0	13	0.3
				0	0	0	0	13	0.3
				0	0.000012	0	0	13	0.2
	12.44199		219.3	0	0.000052	0.00001	0	13	0.3
	12.07375		216.641831	0	0.000065	0.00001	0	13	0.3
	9.92709	174.603897	205.411263	0	0.000064	0.00001	0.00002	13	0.3
	8.98445	178.155945	221.9	0	0.000061	0.00001	0	13	0.3
	7.76257	181.707992	221.9	0	0.00005	0.00001	0	13	0.4
	7.86981	185.260039	221.9	0	0.000057	0.00001	0	13	0.4
	10.91517	191.384191	209.505952	0	0.00009	0.00001	0	13	0.4
	11.94907	200.272553	221.9	0	0.000105	0.00001	0.00001	13	0.4
	8.43596	209.160915	221.9	0	0.000125	0.00001	0	13	0.4
	8.57208	218.049277	221.9	3.9	0.000126	0.00001	0	13	0.4
	9.34762	224.916182	223.116061	5.2	0.000115	0.00001	0	13	0.5
	6.84265	226.118394	221.9	5.1	0.000119	0.00001	0	13	0.6
	9.64952	227.320606	221.9	5.1	0.000094	0.00001	0	13	0.5
	8.98026	228.522818	221.9	5.8	0.000092	0.00001	0	13	0.5
	8.8509	230.266568	225.389655	6	0.000089	0.00001	0.00001	13	0.5
	9.84402	236.675872	221.9	6.2	0.000106	0.00001	0	13	0.5
	12.30559	243.085177	221.9	6.3	0.000158	0.00001	0.00004	13	0.5
	21.56413	249.494482	221.9	7.5	0.000253	0.00002	0.00012	13	0.5
	30.67043	256.266216	236.18	7.9	0.000414	0.00002	0.00017	13	0.5
	59.99173	268.428378	226.369412	10.6	0.000797	0.00005	0.00007	13	0.5
	70.43235	280.590541	226.737255	11.5	0.000847	0.00006	0.00004	13	0.5
	23.74112	292.752703	228.448429	16.8	0.000258	0.00002	0.00001	13	0.5
	42.85943	304.914865	258.508911	18.6	0.000433	0.00004	0.00002	13	0.5
	35.11114	312.940079	237.975896	21.1	0.000588	0.00004	0.00004	13	0.5
	26.01989	320.93613	237.047473	21.9	0.000388	0.00003	0	13	0.6
	10.89665	328.932182	242.3	26.5	0.000177	0.00002	0.00002	13	0.7
	8.83485	336.928233	276.219789	28	0.000123	0.00001	0.00003	13	0.8
	9.0079	333.329811	255.365662	27.8	0.000085	0.00001	0.00003	13	0.8
	8.69249	329.004424	246.944892	27.8	0.000071	0.00001	0.00001	13	0.8
	9.03377	324.679037	247.6	27.7	0.000087	0.00001	0.00001	13	0.7
	9.91564	320.35365	267.961965	27.7	0.00012	0.00001	0.00002	13	0.7
	10.58497	323.488344	260.56526	27.7	0.000145	0.00001	0	13	0.7
	10.66168	327.718097	251.955248	27.7	0.000165	0.00001	0.00003	13	0.8
	10.71648	331.947849	252.8	27.7	0.000179	0.00002	0.00002	13	0.8
	11.03125	336.177602	268.802225	27.7	0.000192	0.00002	0.00002	13	0.8
	12.63357	347.366277	271.322801	27.7	0.000222	0.00002	0.00002	13	0.8
	14.10848	361.383545	255.5	27.7	0.000257	0.00002	0.00001	13	0.8
	14.24079	375.400813	255.5	27.6	0.000286	0.00002	0.00003	12.5	0.6
	14.6363	389.41808	288.424236	27.6	0.000305	0.00002	0.00001	12	0.6
	14.89134	403.411061	285.7525	28.1	0.000314	0.00002	0.00002	12	0.6
	15.00862	417.39691	258.3	28.3	0.000316	0.00002	0	12	0.6
	15.31568	431.382759	258.3	28.9	0.000318	0.00002	0	12	0.6
	14.99958	445.368608	268.570201	29.1	0.00032	0.00002	0	12	0.6
	15.12687	451.000252	317.656352	29.9	0.000315	0.00002	0	12	0.5

iNOX_B1S1	iNOX_B1S2	sDPF_REGEN	Accum kNOx
ppm	ppm	0/1	g
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
		0	0.00001
		0	0.00002
		0	0.00003
		0	0.00004
		0	0.00005
		0	0.00006
		0	0.00007
		0	0.00008
		0	0.00009
		0	0.0001
		0	0.00011
		0	0.00012
		0	0.00013
		0	0.00014
		0	0.00015
		0	0.00016
		0	0.00017
		0	0.00019
		0	0.00021
		0	0.00026
		0	0.00032
		0	0.00034
		0	0.00038
		0	0.00042
		0	0.00045
		0	0.00047
		0	0.00048
		0	0.00049
		0	0.0005
		0	0.00051
		0	0.00052
		0	0.00053
		0	0.00054
		0	0.00056
		0	0.00058
		0	0.0006
		0	0.00062
		0	0.00064
		0	0.00066
		0	0.00068
		0	0.0007
		0	0.00072
		0	0.00074
		0	0.00076









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83.9	1045
67.4	1054
49.4	1069
19.4	1073
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30.8	1063
9.3	1059
5.3	1065
21.2	1059
12.1	1039
9.2	1068
15.9	1075
25.2	1090
23.8	1106
23.1	1112
23.8	1118
27.4	1116
36.1	1115
48.6	1111
56.5	1110
59.7	1104
62.7	1094
65	1082
67.6	1064
73.6	1049
74.8	1035
77.8	1023
77.3	1017
68.5	1013
51	1008
23.9	1002
2.7	980
16.3	969
39.9	984
42	981
36.1	972
17.4	983
0	980
11.7	969
32.2	963
2.2	955
17.8	954
37.2	952
36.2	966
37.1	980
60.3	993
40.8	1020
5.5	1036
0.1	1044
0	1050
1.1	1056
4.5	1062
6.3	1066
16.7	1085
22.7	1087
21	1100
11	1110
5.2	1111
7.4	1110
10.8	1110
12.8	1115
13.6	1118

14.58655	449.312169	261.1	30.2	0.000302	0.00001	0	12	0.5
14.65333	447.624087	263.3464	31	0.000286	0.00001	0	12	0.5
12.94657	445.936004	278.363099	31.2	0.000247	0.00001	0	12	0.5
10.26803	429.395223	319.718805	31.9	0.000202	0.00001	0	12	0.5
7.68237	401.372568	266.6	32.1	0.000161	0.00001	0	12	0.6
7.6415	373.349914	266.6	32.2	0.000143	0.00001	0	12	0.6
8.62881	345.327259	266.6	32.2	0.000128	0.00001	0	12	0.6
8.20181	321.676488	289.007987	32.1	0.000104	0.00001	0.00001	12	0.6
7.73457	302.34545	269.3	32.1	0.00009	0.00001	0.00001	12	0.7
8.14303	283.014412	269.3	32.1	0.000077	0.00001	0.00002	12	0.6
7.69687	263.683374	271.929385	32.1	0.000067	0.00001	0	12	0.6
7.9877	249.435111	264.978824	32.2	0.00006	0.00001	0	12	0.6
8.28851	241.735136	272.816429	32.3	0.000052	0.00001	0	12	0.6
8.60634	234.035161	274.7	32.5	0.000045	0.00001	0	12	0.6
8.4681	226.335186	274.7	32.6	0.000041	0.00001	0	12	0.6
8.39953	221.077839	255.706589	33.3	0.000036	0.00001	0	12	0.6
8.4161	219.138781	275.648966	33.5	0.000038	0.00001	0	12	0.6
8.41576	217.199723	277.4	33.6	0.000044	0.00001	0	12	0.6
8.8402	215.260665	277.4	33.7	0.000054	0.00001	0	12	0.7
9.57015	218.570357	254.576055	33.7	0.00006	0.00001	0	12	0.7
9.26881	228.217946	277.4	33.7	0.000064	0.00001	0	12	0.7
9.17923	237.865534	277.4	33.7	0.000073	0.00001	0	12	0.7
9.57749	247.513122	277.4	33.7	0.000092	0.00001	0	12	0.7
9.52987	256.075048	267.860353	33.4	0.000112	0.00001	0.00001	12	0.6
9.63724	263.320729	274.7	33.3	0.000128	0.00001	0	12	0.6
10.54388	270.566411	274.7	32.7	0.000147	0.00001	0.00001	12	0.6
11.85056	277.812092	272.891578	32.5	0.000171	0.00001	0	12	0.6
11.77376	285.127084	276.82598	31.7	0.000181	0.00001	0	12	0.7
11.78062	292.616816	271.719307	31.4	0.000192	0.00001	0	12	0.7
9.99989	300.106547	269.3	30.9	0.000175	0.00001	0	12	0.7
8.56685	307.596279	269.3	30.8	0.000149	0.00001	0	12	0.7
7.23208	311.939641	289.826093	30.7	0.000138	0.00001	0	12	0.7
7.66157	297.730265	267.414033	30.6	0.000145	0.00001	0.00001	12	0.8
7.85745	283.520889	263.95098	30.1	0.000144	0.00001	0.00001	12	0.8
8.24795	269.311513	263.8	29.9	0.000124	0.00001	0.00005	12	0.7
7.78576	255.234021	260.472008	29.4	0.000096	0.00001	0.00004	12	0.7
10.84057	245.734757	263.417126	29.3	0.000084	0.00001	0.00003	12	0.7
7.19387	236.235493	261.378487	29.5	0.000069	0.00001	0.00002	12	0.7
7.87475	226.73623	261.1	29.6	0.000071	0.00001	0	12	0.7
7.79426	217.236966	245.451391	29.6	0.000079	0.00001	0.00001	12	0.7
8.89659	209.927868	253.866766	29.6	0.000079	0.00001	0	12	0.7
7.77077	202.724375	258.3	29.3	0.000066	0.00001	0	12	0.7
7.68382	195.520883	258.3	29.2	0.000056	0.00001	0	12	0.8
7.48086	188.31739	239.228571	29	0.000041	0.00001	0	12	0.8
7.65615	193.340379	244.642517	28.9	0.000032	0.00001	0	12	0.8
7.5594	200.849861	255.5	29.1	0.00003	0.00001	0	12	0.8
9.24211	208.359343	255.5	29.2	0.000038	0.00001	0	12	0.8
8.68913	215.868824	245.073544	30	0.000049	0.00001	0	12	0.8
8.06464	208.204894	249.727282	30.2	0.000067	0.00001	0	12	0.7
7.60645	198.393129	253.657647	31.1	0.000103	0.00001	0	12	0.7
16.50938	188.581365	252.8	31.4	0.000182	0.00002	0.00001	12	0.7
16.80857	178.7696	243.600143	31.8	0.000147	0.00002	0.00001	12	0.7
11.87833	171.337677	233.168351	31.9	0.000066	0.00001	0	12	0.8
7.61826	165.327576	252.8	32.1	0.000033	0.00001	0	12	0.8
7.95496	159.317475	251.076974	32.2	0.000021	0.00001	0	12	0.8
8.43493	153.307374	240.867869	32.5	0.000015	0.00001	0.00001	12	0.8
8.30854	150.545735	225.37552	32.6	0.000012	0.00001	0.00003	12	0.8
8.44176	149.413205	248.874752	33.1	0.00001	0.00001	0.00006	12	0.8
8.25176	148.280675	247.6	33.3	0.000014	0.00001	0.00004	12	0.8
8.44779	147.148145	242.342466	33.6	0.000024	0.00001	0.00002	12	0.8
8.46936	146.322445	215.668544	33.7	0.000033	0.00001	0.00001	12	0.8
8.45331	145.784548	246.515179	33.7	0.000037	0.00001	0.00001	12	0.8
8.53424	145.24665	244.9	33.7	0.000035	0.00001	0.00003	12	0.8

0	0.00077
0	0.00078
0	0.00079
0	0.0008
0	0.00081
0	0.00082
0	0.00083
0	0.00084
0	0.00085
0	0.00086
0	0.00087
0	0.00088
0	0.00089
0	0.0009
0	0.00091
0	0.00092
0	0.00093
0	0.00094
0	0.00095
0	0.00096
0	0.00097
0	0.00098
0	0.00099
0	0.001
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0	0.00104
0	0.00105
0	0.00106
0	0.00107
0	0.00108
0	0.00109
0	0.0011
0	0.00111
0	0.00112
0	0.00113
0	0.00114
0	0.00115
0	0.00116
0	0.00117
0	0.00118
0	0.00119
0	0.0012
0	0.00121
0	0.00122
0	0.00123
0	0.00124
0	0.00125
0	0.00126
0	0.00128
0	0.0013
0	0.00131
0	0.00132
0	0.00133
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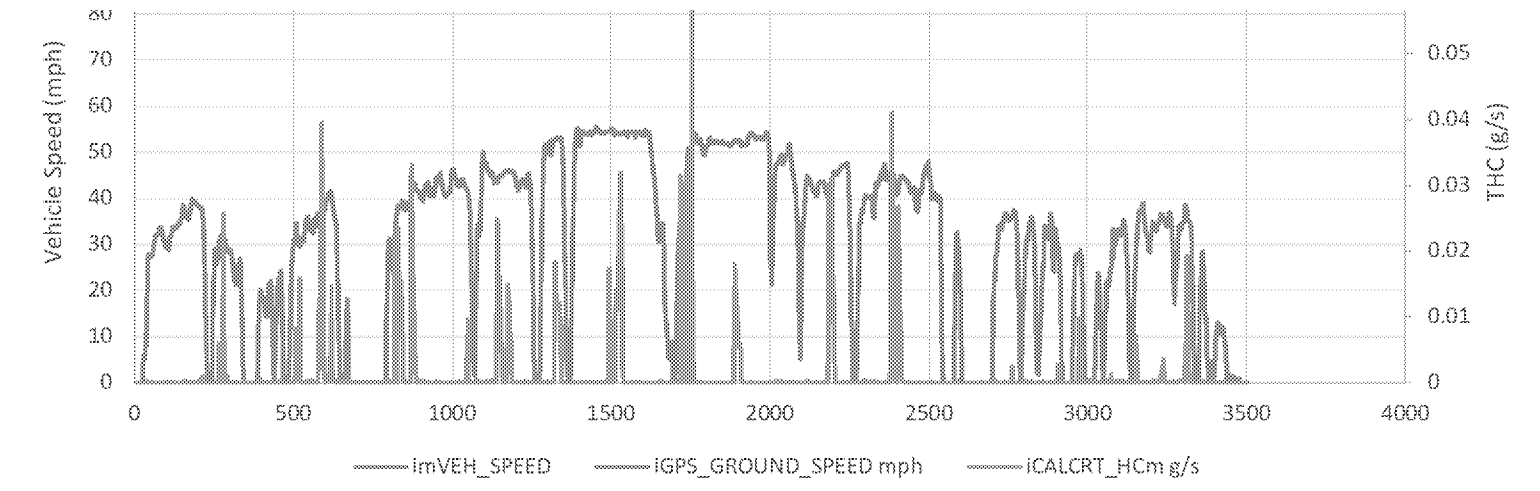

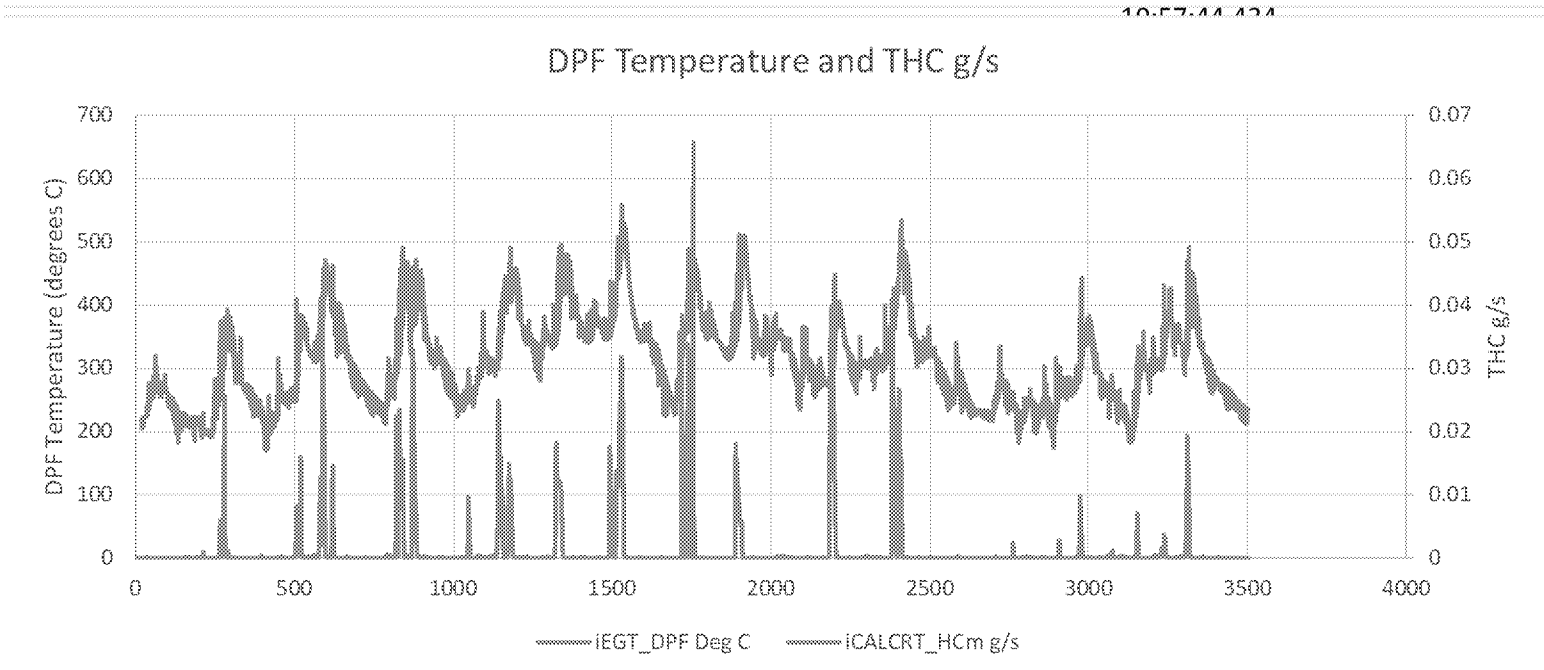

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	4.9	1138
	7.1	1130
	27.2	1134
	26.4	1140
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	26.2	1151
	31	1151
	34.9	1166
	52	1175
	72.8	1197
	63.2	1223
	59.5	1239
	58.8	1260
	57.2	1273
	56.8	1267
	56.9	1263
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8.23602	125.260786	236.33303	33.5	0.000006	0.00001	0	12	0.6
8.45987	127.354411	234.7	33.6	0.000006	0.00001	0	12	0.6
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14.41288	198.83172	211.81451	35.5	0.000097	0.00002	0.00002	12	0.8
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9.44847	265.409738	209.2	38.2	0.000144	0.00001	0.00014	12	0.9
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9.56544	259.14753	214.644412	37.1	0.000144	0.00001	0.00016	12	0.8
9.3096	257.147047	209.2	36.9	0.000138	0.00001	0.00013	12	0.8
9.12259	255.146565	211.7	36.6	0.000135	0.00001	0.00008	12	0.8
8.83437	253.146083	222.29338	36.5	0.000134	0.00001	0.00006	12	0.7
8.86	247.566338	217.908723	36.1	0.000128	0.00001	0.00008	12	0.7
8.80983	241.237848	211.7	35.9	0.000126	0.00001	0.00009	12	0.6
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9.88669	208.866522	214.141784	39.4	0.000099	0.00001	0	12	0.5
9.74512	208.603849	216.036993	39.5	0.000115	0.00001	0.00006	12	0.6
9.81032	207.993663	214.766438	39.1	0.000112	0.00001	0.00014	12	0.6
9.93263	207.383478	214.2	38.9	0.000104	0.00001	0.00013	12	0.7
9.67942	206.773293	212.350412	38.9	0.000093	0.00001	0.0001	12	0.7
11.65424	215.724279	210.623577	38.9	0.000125	0.00001	0.00008	12	0.7
11.88667	228.467685	211.7	38.8	0.000144	0.00002	0.00009	12	0.7
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9.57632	226.555205	209.2	38.5	0.000103	0.00001	0.00015	12	0.7
9.46946	207.420308	209.2	38.4	0.000097	0.00001	0.00014	12	0.7
10.87733	188.285411	208.81642	38.2	0.000094	0.00001	0.0001	12	0.7
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15.74108	172.605599	206.6	38	0.000037	0.00001	0.00002	12	0.5
9.17306	167.886773	206.6	38	0.000017	0.00001	0	12	0.5
9.38163	163.167946	206.6	37.8	0.000012	0.00001	0	12	0.4
11.02152	171.30746	190.82047	37.7	0.000015	0.00001	0	12	0.3
12.65071	193.54532	206.6	37.8	0.000036	0.00001	0	12	0.3
10.33743	215.783181	206.6	37.9	0.000065	0.00001	0	12	0.3
12.00418	238.021042	206.6	38	0.000082	0.00001	0	12	0.4
9.42763	252.146544	229.374652	38	0.000096	0.00001	0.00012	12	0.4
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6.60682	205.135474	204.1	35.9	0.000101	0.00001	0.00065	12	0.5
7.19151	191.460633	198.081598	35.4	0.000066	0.00001	0.00022	12	0.5
7.23873	189.183002	203.900639	34.5	0.000047	0.00001	0.00006	12	0.4
7.02637	186.90537	204.1	34.2	0.000035	0.00001	0.00002	12	0.4
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7.05333	181.759279	199.768462	22.3	0.000029	0.00001	0	12	0.4
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6.8709	180.65351	201.5	15.3	0.000041	0.00001	0	12	0.4
7.02619	180.100625	196.035167	13.6	0.000045	0.00001	0	12	0.4
6.9025	179.489261	198.318281	10.4	0.000047	0.00001	0	12	0.5
6.97696	178.864885	201.5	9.3	0.000049	0.00001	0	12	0.5
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6.77009	174.110489	201.5	0	0.000051	0.00001	0	12	0.5
7.03206	172.905972	193.767782	0	0.000055	0.00001	0	12	0.5
6.40564	172.242758	196.367052	0	0.000052	0.00001	0	12	0.5
6.75974	171.691199	201.5	0	0.000052	0.00001	0	12	0.5
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6.69	170.588082	194.747949	0	0.000051	0.00001	0	12	0.6
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5.71064	168.659904	198.9	0	0.000047	0.00001	0	12	0.6
6.84211	168.005487	194.969237	0	0.000048	0.00001	0	12	0.6
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58.29574	374.997615	205.724041	14.2	0.000613	0.00005	0	12	0.6
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13.53565	346.600447	232.2	27.6	0.000162	0.00002	0	12	0.9
12.96566	312.060122	234.267497	29	0.000134	0.00002	0	12	0.9
16.59111	280.985526	259.202127	28.5	0.000171	0.00004	0	12	0.9
10.63184	257.447515	240.196277	28.3	0.000061	0.00002	0	12	0.8
11.79158	233.909503	243.015	27.2	0.000039	0.00002	0	12	0.9
11.93808	210.371491	244.9	26.9	0.000026	0.00002	0	12	0.9
13.21607	193.457818	221.185978	25.9	0.000021	0.00002	0.00002	12	0.9
21.67166	201.314774	247.6	25.5	0.000038	0.00003	0.00004	12	0.9
14.58704	209.171731	247.6	26.2	0.000067	0.00002	0.00002	12	0.9
16.45432	217.028687	249.42035	26.4	0.000114	0.00003	0.00012	12	0.8
15.85561	242.985645	238.995053	26.4	0.000139	0.00003	0.00008	12	0.8
18.97256	298.474186	249.63373	26.4	0.000181	0.00003	0.00009	12	0.9
20.52492	353.962726	247.6	26.9	0.000302	0.00003	0.00083	12	0.9
21.46767	409.451267	247.6	27	0.000395	0.00004	0.00166	12	0.9
18.64706	456.802635	343.020354	28.4	0.000416	0.00004	0.0022	12	1
16.97024	477.66491	247.734989	28.9	0.000392	0.00004	0.00367	12	1.1
14.30465	498.527186	250.1	30.3	0.000365	0.00003	0.00608	12	1.1
13.06778	519.389461	250.1	30.8	0.000346	0.00003	0.00517	12	1.1
15.02341	536.435294	374.1977	31.2	0.000306	0.00003	0.00316	12	1.1
14.90157	493.690196	271.038235	31.4	0.000225	0.00003	0.00143	12	1.1
14.80854	450.945098	257.486582	31.7	0.000173	0.00003	0.00053	12	1.1
18.16937	408.2	261.776772	31.8	0.00018	0.00003	0.0003	12	0.8
23.87809	365.454902	300.289655	31.3	0.000248	0.00003	0.00021	12	0.8
22.01917	410.898851	280.54902	31.2	0.000254	0.00003	0.00012	12	0.8
21.98684	458.142576	276.235294	31.2	0.000325	0.00003	0.00075	12	0.8
22.16288	505.386301	283.108	31.2	0.000426	0.00003	0.0025	12	0.8
22.23914	552.630026	341.252778	31.1	0.000474	0.00003	0.00288	12	0.8
28.00905	574.852979	349.181579	31.1	0.000604	0.00004	0.00566	12	0.8
34.04029	587.200229	300.368519	30.6	0.000759	0.00005	0.01613	12	0.8
33.98442	599.54748	307.857085	30.5	0.000821	0.00005	0.02575	12	0.8
22.10251	611.89473	380.104762	31.2	0.000531	0.00004	0.01676	12	0.8
17.1059	577.303427	365.907927	31.5	0.000236	0.00002	0.00499	12	0.9
10.26669	530.159482	339.105882	31.2	0.000145	0.00002	0.00184	12	1
11.12018	483.015537	346.323752	31.1	0.000126	0.00002	0.00088	12	1
16.74846	435.871592	372.149286	29.5	0.000167	0.00003	0.00049	12	1
19.68401	430.773934	368.564371	29	0.000246	0.00003	0.00027	12	1
14.81103	433.096209	362.580396	28.8	0.000263	0.00003	0.00012	12	1
8.03293	435.418483	370.110199	28.7	0.000193	0.00002	0.00018	12	1
9.12828	437.740758	382.287588	29.1	0.000183	0.00002	0.00043	12	1
13.82647	413.160976	392.902742	29.3	0.000196	0.00002	0.00083	12	1
19.11899	372.781572	378.713015	28.8	0.000261	0.00003	0.00106	12	1
19.55507	332.402168	380.3	28.7	0.000159	0.00004	0.0005	12	1.1
19.24	292.022764	377.892718	28.5	0.000083	0.00003	0.00017	12	0.9
19.24	265.797996	350.858276	28.4	0.000047	0.00003	0.00008	12	0.8
19.40518	250.207795	383.3	28.3	0.000027	0.00003	0.00005	12	0.8
12.1316	234.617595	381.592308	28.3	0.000013	0.00002	0.00003	12	0.8
8.77499	219.027394	380.3	28.2	0.000006	0.00001	0.00001	12	0.7
9.15569	214.7475	327.961702	28.2	0.000006	0.00001	0	12	0.7
9.41227	220.4975	375.757359	28.6	0.000006	0.00001	0.00002	12	0.7
9.28814	226.2475	374.1	28.7	0.000007	0.00001	0.00001	12	0.7
9.11976	231.9975	366.873395	28.8	0.000019	0.00001	0.00003	12	0.7
9.29352	235.717172	326.333415	28.8	0.000042	0.00001	0.00003	12	0.7
9.24	237.636364	366.406183	28.5	0.000068	0.00001	0.00003	12	0.7
8.6813	239.555556	362.460622	28.4	0.000089	0.00001	0.00004	12	0.6
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8.26273	232.485094	351.022475	26.9	0.000106	0.00001	0.00007	12	0.6
8.26958	226.233562	347.398696	26.6	0.000096	0.00001	0.00007	12	0.6
7.69448	219.98203	343.392027	26	0.00008	0.00001	0.00005	12	0.6
7.45767	213.772873	299.613449	25.8	0.000067	0.00001	0.00004	12	0.6
7.23781	207.607645	336.238862	24.6	0.000059	0.00001	0.00002	12	0.6
7.56523	201.442417	332.900663	24.2	0.000059	0.00001	0.00001	12	0.5
7.63444	195.277189	328.584251	22.6	0.000053	0.00001	0.00002	12	0.5

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9.6981	211.507034	321.163199	22.1	0.000047	0.00001	0.00003	12	0.5
9.12226	225.230595	315.79879	22.1	0.000051	0.00001	0.00001	12	0.5
7.02079	238.954156	314	22.1	0.000065	0.00001	0.00002	12	0.5
8.17915	251.039131	285.235231	22.1	0.000092	0.00001	0.00001	12	0.5
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13.62642	278.923981	300.156311	21.4	0.000166	0.00001	0.00003	12	0.5
12.81332	290.456567	291.440662	21.5	0.000188	0.00001	0.00003	12	0.5
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16.72896	361.054386	320.630169	25.4	0.000283	0.00001	0.00001	12	0.5
17.71834	381.631025	284.472123	23.9	0.000324	0.00001	0.00002	12	0.5
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7.71778	414.176356	286.333219	26.5	0.000163	0.00001	0.00001	12	0.5
6.73832	388.2906	277.4	26.8	0.000132	0.00001	0	12	0.5
6.8302	362.404845	274.7	26	0.000118	0.00001	0.00001	12	0.5
6.72618	336.519089	294.54887	25.7	0.000106	0.00001	0.00001	12	0.5
6.76591	320.615437	280.127605	22.9	0.000091	0.00001	0.00001	12	0.5
6.82638	305.556258	274.7	22	0.00008	0.00001	0.00001	12	0.5
6.96108	290.497079	274.7	18	0.000069	0.00001	0.00001	12	0.5
6.83363	275.4379	274.7	16.7	0.000062	0.00001	0.00002	12	0.5
6.73467	266.63637	274.7	11.1	0.000056	0.00001	0.00001	12	0.5
6.87163	258.157264	274.7	9.3	0.000053	0.00001	0.00001	12	0.5
6.77569	249.678158	274.7	4.6	0.00005	0.00001	0.00001	12	0.5
6.25544	241.199052	265.349156	3.1	0.000047	0.00001	0.00001	12	0.5
6.16687	236.07548	268.723503	0.8	0.000046	0	0.00001	12	0.4
6.03473	231.614976	274.7	0	0.000045	0	0.00002	12	0.4
6.12216	227.154473	274.7	0	0.000045	0	0.00003	12	0.4
6.17248	222.69397	260.885614	0	0.000045	0	0.00001	12	0.4
6.21024	219.348827	269.080975	0	0.000043	0	0.00002	12	0.4
6.07798	216.24521	274.7	0	0.000043	0	0.00001	12	0.4
6.1239	213.141593	274.7	0	0.000044	0	0.00002	12	0.4
6.11651	210.037977	261.73838	0	0.000044	0	0.00002	12	0.4
6.20816	207.82735	260.283578	0	0.000044	0	0.00001	12	0.4
6.20897	205.947009	274.7	0	0.000044	0	0.00001	12	0.4
6.23287	204.066667	274.7	0	0.000044	0	0	12	0.4
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6.14811	199.448042	272	0	0.000044	0	0	12	0.4
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6.14994	196.938002	261.346505	0	0.000044	0	0	12	0.4
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6.08866	194.66208	269.3	0	0.000044	0	0	12	0.4
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11:02:37.434	7.2	970
11:02:38.434	18.3	897
11:02:39.434	21.1	896
11:02:40.434	20.5	898
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11:02:42.434	28.1	902
11:02:43.434	48.6	931
11:02:44.434	66	1112
11:02:45.434	55.6	1190

6.23383	183.496258	252.8	0	0.000044	0	0	12	0.3
6.23473	182.92058	252.8	0	0.000044	0	0	12	0.3
6.11867	182.344903	228.486037	0	0.000045	0	0	12	0.3
6.19851	182.3	243.362776	0	0.000045	0	0	12	0.3
6.16972	182.3	248.110304	0	0.000045	0	0	12	0.3
6.13	182.3	247.6	0	0.000044	0	0	12	0.3
6.04586	182.3	224.882362	0	0.000044	0	0	12	0.3
6.16247	191.550469	238.792549	0	0.000054	0	0	12	0.3
9.28138	201.067412	244.9	0	0.000068	0	0	12	0.3
15.65246	210.584355	242.3	0	0.000092	0.00001	0	12	0.3
19.82151	220.101298	237.02267	0	0.000153	0.00001	0	12	0.2
24.23774	236.741181	238.150662	0	0.000274	0.00001	0	12	0.2
10.21885	255.041034	239.8	7.7	0.00021	0.00001	0	12	0.2
18.13097	273.340887	237.3	10.2	0.000195	0.00001	0.00001	12	0.2
14.33099	291.64074	249.067867	12.7	0.000175	0.00001	0.00003	12	0.2
13.0974	286.641585	250.293676	13.5	0.000177	0.00001	0.00001	12	0.2
13.7422	272.981208	237.3	16.9	0.000197	0.00001	0.00006	12	0.2
14.51559	259.32083	237.3	18	0.000214	0.00001	0.00016	12	0.2
14.5862	245.660453	238.361354	19.4	0.00023	0.00001	0.00028	12	0.2
26.30076	225.875688	238.191304	19.8	0.000289	0.00001	0.00045	12	0.2
31.62457	204.09278	237.3	20	0.000164	0.00001	0.00013	12	0.2
29.87739	182.309872	237.3	20.1	0.000075	0.00001	0.00003	12	0.2
29.00406	160.526965	223.428042	18.8	0.000038	0.00001	0	12	0.1
30.36447	149.135215	215.517091	18.4	0.000025	0	0	12	0.1
30.91975	142.58861	234.7	18.5	0.000023	0	0	12	0.1
30.19437	136.042005	233.120708	18.5	0.000023	0	0	12	0.1
30.15805	129.4954	223.609775	18.7	0.000023	0	0	12	0.1
30.05265	124.913572	197.460991	18.8	0.000022	0	0	12	0.1
29.10673	121.795898	225.126165	18.6	0.000022	0	0	12	0.1
28.46041	118.678223	221.9	18.5	0.000021	0	0	12	0.1
13.41927	115.560549	217.7316	17.9	0.000015	0	0.00003	12	0.1
11.56213	114.080693	171.750582	17.7	0.000009	0	0	12	0.2
12.46924	116.297932	213.755825	17.2	0.000008	0	0.00001	12	0.2
11.60407	118.515172	211.7	17.1	0.000008	0	0.00003	12	0.2
11.861	120.732412	210.044327	15.8	0.000008	0	0.00004	12	0.2
10.88006	123.54606	170.697917	15.4	0.000008	0	0.00003	12	0.2
10.35971	127.798823	206.372059	14.9	0.000007	0	0.00001	12	0.2
9.83774	132.051586	204.1	14.8	0.000012	0	0.00001	12	0.2
10.45977	136.304349	202.804	14.4	0.000018	0	0	12	0.2
19.01143	146.375592	171.934379	14.3	0.000052	0	0	12	0.2
22.7703	195.044231	197.895639	14.5	0.000141	0.00001	0	12	0.2
23.17806	243.71287	196.5	14.5	0.000305	0.00001	0	12	0.2
23.91928	292.381509	196.5	17	0.000361	0.00001	0	12	0.2
13.29323	336.215217	256.637893	17.8	0.000239	0.00001	0.00001	12	0.2
18.98732	320.418116	204.599306	19.5	0.000198	0.00001	0.00005	12	0.2
10.17909	304.621014	196.5	20.1	0.000146	0	0.00002	12	0.2
9.38336	288.823913	196.5	21.2	0.000121	0	0.00001	12	0.2
14.0442	273.026812	222.233803	21.6	0.000147	0	0.00001	12	0.2
16.15713	275.217659	205.632468	20.7	0.000155	0.00001	0.00001	12	0.2
15.63165	278.659005	198.703902	20.4	0.000235	0.00001	0.00001	12	0.2
12.8991	282.100352	199.812951	21.7	0.00021	0.00001	0.00001	12	0.2
10.13414	285.541698	231.513037	22.1	0.000167	0	0.00002	12	0.2
17.615	266.222114	212.525099	21.6	0.000188	0.00001	0.00002	12	0.2
17.57299	245.805044	204.1	21.5	0.000127	0.00001	0.00003	12	0.2
6.61	225.387973	206.6	19	0.000058	0	0	12	0.2
6.68626	204.970902	205.254866	18.2	0.000031	0	0	12	0.2
6.74	199.572079	205.7125	15.3	0.000019	0	0	12	0.2
6.74	197.249282	208.403226	14.4	0.000014	0	0	12	0.2
6.76988	194.926485	209.2	8.9	0.000011	0	0	12	0.2
6.8	192.603688	208.847105	7	0.000013	0	0	12	0.2
7.75198	200.901981	206.573947	3.7	0.000022	0	0	12	0.2
11.89455	214.819384	211.7	2.6	0.000038	0	0	12	0.2
11.5378	228.736787	213.323328	0.7	0.000065	0	0	12	0.2

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14.6297	242.65419	214.2	0	0.00011	0	0	12	0.2
17.1646	257.312015	226.919772	6.1	0.000167	0	0	12	0.2
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22.86302	288.331432	216.8	8.8	0.000327	0.00001	0	12	0.2
25.92495	303.841141	216.8	9	0.000405	0.00001	0.00001	12	0.2
31.15053	322.517213	256.955941	11.3	0.000439	0.00001	0	12	0.2
27.69793	347.204787	219.750495	12.1	0.000388	0.00001	0.00004	12	0.2
60.4066	371.89236	221.9	13.7	0.000549	0.00001	0	12	0.2
28.91701	396.579934	223.341216	14.2	0.000506	0.00001	0	12	0.2
22.57162	417.886634	315.285211	17.3	0.000446	0.00001	0	12	0.2
19.48005	410.065811	229.625819	18.4	0.000372	0.00001	0.00003	12	0.2
28.08866	402.244988	232.210027	20.8	0.00041	0.00001	0.00009	12	0.2
24.44905	394.424165	235.589933	21.6	0.000387	0.00001	0.00003	12	0.2
18.04256	386.603341	292.368376	22.4	0.000305	0.00001	0.00004	12	0.2
23.92193	385.677656	258.701579	22.6	0.000286	0.00001	0.00003	12	0.2
18.24239	384.936029	247.002351	22.8	0.00026	0.00001	0.00005	12	0.2
17.28517	384.194402	247.680231	22.9	0.000262	0	0.00002	12	0.2
14.51501	383.452775	277.457938	23	0.00023	0	0.00001	12	0.2
11.51296	364.160855	273.449623	23.1	0.000199	0	0.00001	12	0.2
11.33722	340.056137	254.666993	24	0.000176	0	0.00001	12	0.2
10.31754	315.95142	255.5	24.3	0.000167	0	0.00007	12	0.2
10.21432	291.846703	264.011549	23.6	0.000158	0	0.00015	12	0.2
15.0774	275.280668	264.059149	23.4	0.000169	0	0.00022	12	0.2
11.04779	261.294988	258.3	21.1	0.000082	0	0.00007	12	0.2
7.59972	247.309308	260.41215	20.4	0.000045	0	0.00003	12	0.2
6.95284	233.323628	258.822144	14.6	0.000031	0	0.00001	12	0.2
6.82151	225.370234	250.533333	12.7	0.000025	0	0.00001	12	0.2
6.46522	222.25354	261.1	5.4	0.000021	0	0.00001	12	0.2
6.15101	219.136845	261.1	3	0.000023	0	0.00001	12	0.2
7.71188	216.02015	261.1	0.7	0.000033	0	0.00001	12	0.2
9.34158	214.464385	244.036383	0	0.000038	0	0.00001	12	0.2
6.68195	215.099927	261.1	0	0.000041	0	0	12	0.2
7.05353	215.735468	261.1	0	0.000042	0	0	12	0.2
6.37021	216.37101	261.1	0	0.000045	0	0	12	0.2
6.45401	217.204861	242.857439	0	0.000049	0	0	12	0.2
6.2409	218.450586	261.1	0	0.000052	0	0	12	0.2
6.40754	219.696312	261.1	0	0.000055	0	0	12	0.2
6.54871	220.942037	261.1	0	0.000058	0	0	12	0.2
6.40537	221.332924	242.748761	0	0.000063	0	0	12	0.2
6.70541	218.878051	258.3	0	0.000067	0	0	12	0.2
6.14555	216.423177	258.3	0	0.000069	0	0	12	0.2
6.08389	213.968303	258.3	0	0.000074	0	0	12	0.2
6.02641	212.309469	238.074306	0	0.000086	0	0	12	0.2
10.36423	220.328792	253.047179	0	0.000094	0	0.00001	12	0.2
8.994	228.348116	255.5	0	0.000096	0	0	12	0.2
11.37076	236.36744	252.8	1.4	0.000102	0	0	12	0.2
10.06128	244.386763	250.110157	1.8	0.000098	0	0	12	0.2
16.18101	262.787693	251.856024	5.2	0.000168	0	0	12	0.2
23.20692	281.898477	250.583713	6.4	0.000347	0.00001	0.00003	12	0.2
42.54502	301.009261	247.6	9.5	0.000738	0.00001	0.00002	12	0.2
62.10625	320.120044	269.51737	10.5	0.000736	0.00002	0	12	0.2
31.08026	318.946506	258.924603	15.7	0.000225	0.00001	0	12	0.2
24.32441	314.607208	247.6	17.5	0.000155	0.00001	0	12	0.2
24.18643	310.267909	247.6	21	0.000186	0.00001	0	12	0.2
26.36682	305.92861	259.805239	22.1	0.000259	0.00001	0.00003	12	0.2
25.68251	297.723626	256.782755	25.7	0.000321	0.00001	0.00007	12	0.2
22.76267	288.466152	247.6	26.9	0.000266	0.00001	0.00012	12	0.2
25.95137	279.208679	247.6	28.4	0.000183	0.00001	0.00013	12	0.2
32.31462	269.951205	250.091585	29	0.000245	0.00001	0.00011	12	0.2
25.8881	275.622531	252.676621	28.8	0.000235	0.00001	0.00011	12	0.2
20.44263	289.76443	247.6	28.7	0.000225	0.00001	0.00009	12	0.2
30.56719	303.906328	247.6	29.5	0.000286	0.00001	0.00011	12	0.2
25.6794	318.048226	247.874648	29.8	0.000357	0.00001	0.00007	12	0.2

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24.9755	415.770085	247.6	31.3	0.000448	0.00001	0.00088	12	0.2
27.49879	477.277647	248.47156	32.4	0.000589	0.00001	0.00515	12	0.2
24.1035	538.785208	251.994142	32.8	0.000592	0.00001	0.00818	12	0.2
22.79778	579.773434	408.690495	33.9	0.000542	0.00001	0.00579	12	0.2
18.12126	553.591529	261.48617	34.3	0.000367	0.00001	0.00398	12	0.2
9.08289	527.409623	267.048221	34.5	0.000258	0	0.00368	12	0.2
11.22468	501.227718	271.9424	34.6	0.000226	0.00001	0.00324	12	0.2
20.61642	477.38099	363.561885	32.7	0.000263	0.00001	0.00224	12	0.2
23.50395	486.052488	292.772997	32.1	0.000327	0.00001	0.00099	12	0.2
18.57759	494.723986	290.191964	31.9	0.000327	0.00001	0.00038	12	0.2
15.3521	503.395483	303.3287	31.9	0.000296	0.00001	0.00054	12	0.2
15.04977	512.066981	377.365335	31.3	0.000314	0.00001	0.00135	12	0.2
19.20354	507.748463	343.832322	31.1	0.000361	0.00001	0.00161	12	0.2
15.66097	502.407	324.331833	30.5	0.000283	0.00001	0.0006	12	0.2
15.36567	497.065537	331.61395	30.3	0.000252	0.00001	0.00022	12	0.2
15.79832	491.724073	376.339633	29.8	0.000265	0.00001	0.00375	12	0.2
16.48281	484.912244	364.493126	29.6	0.00033	0.00001	0.01587	12	0.2
17.92546	477.79283	347.776957	29.7	0.000362	0.00001	0.01456	12	0.2
18.07825	470.673416	352.572666	29.7	0.000337	0.00001	0.00634	12	0.2
15.92733	463.554002	384.325282	30.4	0.000298	0.00001	0.00171	12	0.2
16.35043	452.88862	376.565815	30.6	0.000286	0.00001	0.00052	12	0.2
16.81281	441.674555	363.58999	30.5	0.000282	0.00001	0.00021	12	0.2
15.14718	430.460489	364.6	30.5	0.000266	0.00001	0.0001	12	0.2
13.99333	419.246424	374.341772	31.1	0.000241	0.00001	0.00007	12	0.2
11.14388	408.765746	380.403215	31.3	0.000217	0.00001	0.00004	12	0.2
9.89937	398.667946	366.031923	31.3	0.000188	0	0.00007	12	0.2
13.57446	388.570147	364.6	31.3	0.000203	0.00001	0.00006	12	0.2
14.00982	378.472347	362.44189	30.8	0.000209	0.00001	0.00007	12	0.2
14.86355	378.806914	365.347941	30.6	0.000231	0.00001	0.00008	12	0.2
17.55297	387.108349	359.223069	31	0.000296	0.00001	0.00008	12	0.2
19.60544	395.409785	355.4	31.1	0.000331	0.00001	0.00008	12	0.2
19.00628	403.71122	352.924901	32.2	0.000336	0.00001	0.00003	12	0.2
15.15832	407.292933	373.549169	32.6	0.000298	0.00001	0.00006	12	0.2
15.81399	403.398702	348.412512	33.2	0.00028	0.00001	0.00004	12	0.2
16.80145	399.504471	345.338267	33.4	0.000274	0.00001	0.00008	12	0.2
17.75707	395.61024	343.2	34.5	0.000278	0.00001	0.00004	12	0.2
14.82379	389.170625	364.541814	34.9	0.000265	0.00001	0.00004	12	0.2
15.30863	374.063244	337.4	35.5	0.000248	0.00001	0.00006	12	0.2
12.50545	358.955863	336.836111	35.7	0.00021	0.00001	0.00006	12	0.2
10.93701	343.848482	334.5	35.9	0.000194	0	0.00009	12	0.2
11.42415	330.78506	331.4	36	0.000178	0	0.00015	12	0.2
11.11143	327.291084	331.4	36.1	0.000153	0	0.00026	12	0.2
11.26984	323.797108	331.4	36.1	0.000136	0	0.00021	12	0.2
13.16438	320.303133	328.5	34.7	0.000161	0	0.00018	12	0.2
14.80957	316.95715	322.619099	34.2	0.000186	0	0.00016	12	0.2
11.696	319.15523	324.984718	34.7	0.000185	0	0.00012	12	0.2
11.96263	321.35331	325.6	34.9	0.000182	0	0.0001	12	0.2
11.95432	323.55139	324.502497	34	0.000181	0	0.00008	12	0.2
13.57859	326.075569	323.930515	33.7	0.000203	0	0.00013	12	0.2
16.15088	333.069233	320.282385	33.4	0.000241	0	0.00015	12	0.2
16.175	340.062896	319.8	33.3	0.000255	0	0.00013	12	0.2
16.5226	347.056559	319.344341	33.3	0.000266	0	0.0001	12	0.2
13.25085	354.050223	326.712153	33.3	0.000241	0.00001	0.00007	12	0.2
10.32128	354.133497	320.904202	32.9	0.000184	0	0.00006	12	0.2
11.56347	352.5641	314	32.8	0.000182	0	0.00006	12	0.2
15.19643	350.994703	314	32.6	0.000223	0.00001	0.00024	12	0.2
19.16775	349.425307	320.131054	32.6	0.000302	0.00001	0.00033	12	0.2
19.64515	363.254889	319.333663	32.5	0.000343	0.00001	0.00025	12	0.2
23.24056	382.808919	311	32.5	0.000413	0.00001	0.00018	12	0.2
23.84667	402.36295	311	33.8	0.000432	0.00001	0.00019	12	0.2
15.00492	421.916981	326.818857	34.2	0.000319	0.00001	0.00013	12	0.2
11.36894	413.328826	341.497628	35.3	0.000225	0.00001	0.00007	12	0.2

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10.84521	365.578291	311	34.8	0.000167	0	0.00012	12	0.2
15.1113	341.703023	311	34.5	0.000192	0.00001	0.00022	12	0.2
19.23604	336.856154	317.257418	33.9	0.000222	0	0.00018	12	0.2
19.4539	355.550012	311	33.7	0.000273	0.00001	0.00011	12	0.2
20.31328	374.24387	312.086486	34.3	0.000328	0.00001	0.00006	12	0.2
21.19831	392.937728	314	34.5	0.00037	0.00001	0.00005	12	0.2
21.01912	404.727493	352.214706	35.2	0.000379	0.00001	0.00007	12	0.2
18.80489	402.37229	314	35.4	0.000348	0.00001	0.00004	12	0.2
14.05311	400.017087	314	36.2	0.000314	0	0.00007	12	0.2
19.97639	397.661884	314	36.5	0.00038	0.00001	0.00009	12	0.2
20.49581	401.480459	354.533333	36.6	0.000349	0.00001	0.0001	12	0.2
20.61445	436.093986	314.95	36.6	0.00037	0.00001	0.00047	12	0.2
20.85915	470.707512	314	36.7	0.000431	0.00001	0.00414	12	0.2
20.91145	505.321039	315.006944	36.7	0.000467	0.00001	0.00803	12	0.2
21.00563	538.897563	407.020745	36.7	0.000476	0.00001	0.00943	12	0.2
21.50358	535.103593	327.994931	36.7	0.000485	0.00001	0.0106	12	0.2
20.24757	531.309623	319.823545	36.5	0.000507	0.00001	0.0128	12	0.2
22.8503	527.515653	323.873182	36.4	0.000543	0.00001	0.01094	12	0.3
24.78528	524.711702	411.633819	36.1	0.000483	0.00001	0.00429	12	0.3
25.6786	541.981966	349.013703	36	0.000441	0.00002	0.00194	12	0.4
26.53339	559.25223	342.251011	35.9	0.000531	0.00002	0.0127	12	0.4
27.23388	576.522493	347.546667	35.9	0.000638	0.00002	0.0353	12	0.4
23.68496	593.792757	441.827742	36.9	0.000646	0.00005	0.03946	12	0.9
22.84884	604.880115	389.231946	37.2	0.000585	0.0003	0.03148	12	6.7
21.97433	615.892378	375.118959	37.3	0.00056	0.00102	0.03098	12	24.4
21.97864	626.904641	386.663429	37.4	0.000536	0.00215	0.02917	12	53.7
18.22986	637.916903	459.293723	37.9	0.000495	0.00357	0.02396	12	96.4
17.59837	624.27203	436.581393	38.1	0.00045	0.00452	0.01779	12	133.6
20.38058	605.541066	411.378002	37.5	0.000467	0.00543	0.01644	12	153.9
23.40486	586.810102	420.207297	37.3	0.0005	0.00638	0.00991	12	163.8
22.37376	568.079137	470.338889	37.3	0.000469	0.00626	0.00368	12	160.4
12.71016	544.424068	453.780283	37.3	0.000378	0.00459	0.0011	12	134
18.29855	520.154179	449.88618	38.1	0.000341	0.00336	0.00042	12	101.1
21.11307	495.88429	455.793862	38.4	0.000346	0.00264	0.00032	12	75.8
20.97661	471.614401	463.320588	38.6	0.000351	0.00202	0.00022	12	56.5
19.19698	454.711525	463.248009	38.6	0.000324	0.00149	0.00016	12	45.2
13.25797	438.475456	462.6	39.4	0.000275	0.00105	0.00012	12	37.4
13.45424	422.239387	461.799594	39.7	0.000245	0.0008	0.00015	12	31.5
12.92053	406.003318	440.572669	39.9	0.000215	0.00064	0.00022	12	28.3
16.13064	404.742251	450.775368	40	0.000255	0.00071	0.00029	12	25.9
19.62766	403.960261	450.11332	39.6	0.000298	0.00078	0.00031	12	23.9
19.4564	403.17827	445.11411	39.5	0.000306	0.00074	0.00023	12	22
18.28026	402.39628	433.023571	40.6	0.000298	0.00065	0.00018	12	19.8
17.89566	404.565263	427.098431	40.9	0.000299	0.00056	0.0002	12	17.7
18.90706	407.723158	427.982824	41	0.000316	0.00055	0.00021	12	16.5
21.87272	410.881053	419.851265	41	0.000357	0.00057	0.00022	12	15.3
22.06171	414.038947	415.140714	41	0.000372	0.00055	0.00016	12	14.3
20.65135	416.307101	410.414201	41	0.000375	0.0005	0.00018	12	13.1
22.18782	417.901304	402.89115	41.3	0.000532	0.00066	0.00031	12	12
23.55359	419.495507	397.235553	41.4	0.000402	0.00048	0.00025	12	11.2
22.11462	421.08971	392.741337	41.5	0.000343	0.0004	0.00018	12	10.3
21.01665	442.41	400.641904	41.5	0.000393	0.00036	0.00333	12	9.3
20.83224	489.985758	386.4	41.3	0.000452	0.00035	0.01172	12	8.9
20.29496	537.561515	384.684303	41.2	0.000469	0.00033	0.01465	12	8.8
14.70209	585.137273	383.3	40.7	0.000404	0.00028	0.0106	12	8.8
11.22341	590.694889	462.451029	40.6	0.000303	0.00022	0.00653	12	9.1
11.9163	548.679726	383.3	39.6	0.000269	0.0002	0.00396	12	9.3
11.91761	506.664563	384.383133	39.2	0.000205	0.00019	0.0018	12	9.5
11.98903	464.649401	386.4	38.2	0.000169	0.0002	0.00079	12	9.6
12.73872	426.101205	407.851299	37.9	0.000208	0.00025	0.00054	12	8.7
15.03234	393.209639	390.05104	37.1	0.000188	0.00021	0.0003	12	7.9
11.76261	360.318072	392.6	36.9	0.000129	0.00014	0.00019	12	7.2

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11.11793	298.301421	352.108619	36.1	0.000078	0.0001	0.00016	12	5.6
10.82962	281.785861	395.858229	35.6	0.000057	0.00009	0.00015	12	5
8.57121	265.270301	398.8	35.4	0.000037	0.00007	0.00011	12	4.3
6.58596	248.754741	398.8	35.2	0.000026	0.00005	0.00008	12	3.9
6.73757	234.512417	318.024788	35.1	0.000019	0.00004	0.00005	12	3.4
6.66259	233.253468	399.684298	33.8	0.000016	0.00003	0.00004	12	2.9
6.87849	231.99452	402.2	33.3	0.000014	0.00003	0.00003	12	2.7
6.73586	230.735571	402.2	28.9	0.000016	0.00003	0.00003	12	2.3
6.72324	229.478953	325.504355	27.5	0.000022	0.00003	0.00002	12	2.1
6.77472	228.243775	402.2	22.8	0.00003	0.00002	0.00003	12	2
6.85664	227.008597	402.2	21.2	0.000036	0.00002	0.00002	12	1.9
6.77349	225.773419	398.8	16.7	0.00004	0.00002	0.00002	12	1.9
6.84833	224.504412	325.387143	15.2	0.000043	0.00002	0.00004	12	1.9
6.77736	222.592647	387.69902	10.6	0.000044	0.00002	0.00003	12	1.9
6.85052	220.680882	396.155882	9.1	0.000046	0.00002	0.00004	12	1.9
6.67749	218.769118	394.926018	5.6	0.000046	0.00002	0.00003	12	1.9
6.27	216.857353	331.680614	4.5	0.000045	0.00002	0.00003	12	2
6.29508	216.184728	374.502941	1.1	0.000044	0.00002	0.00004	12	2
6.23473	215.550427	390.196663	0	0.000044	0.00002	0.00004	12	2
6.10233	214.916126	386.4	0	0.000044	0.00002	0.00004	12	2
6.19897	214.281825	334.988698	0	0.000044	0.00002	0.00003	12	2
6.10044	213.674161	356.044516	0	0.000044	0.00002	0.00005	12	2
6.13746	213.070442	380.3	0	0.000044	0.00002	0.00004	12	2
6.11183	212.466723	377.489445	0	0.000044	0.00002	0.00004	12	2
6.25545	211.863004	342.824679	0	0.000045	0.00002	0.00003	12	2
6.13078	211.241457	336.829732	0	0.000045	0.00002	0.00003	12	2
6.06254	210.613317	368.757647	0	0.000045	0.00002	0.00003	12	2
6.12947	209.985176	367.7	0	0.000045	0.00002	0.00002	12	2
5.99989	209.357035	331.701641	0	0.000054	0.00003	0.00004	12	2
5.99683	212.031576	327.645878	0	0.000046	0.00002	0.00003	12	2
7.16673	215.807012	356.723875	0	0.000052	0.00003	0.00005	12	2
8.41003	219.582447	355.4	0	0.000066	0.00003	0.00006	12	2
13.67395	223.357882	338.010987	0	0.000092	0.00004	0.00008	12	2
17.12161	240.110156	315.223366	2.2	0.000151	0.00005	0.00012	12	1.9
26.00565	263.225141	340.362549	2.9	0.000348	0.00009	0.00016	12	2
40.2315	286.340127	335.545394	8	0.000511	0.00012	0.00026	12	2.1
14.22283	309.455113	331.526281	9.7	0.00036	0.00009	0.00019	12	2.1
17.68206	319.27185	325.6	14	0.000248	0.00007	0.00019	12	2.1
10.98123	311.243394	324.787003	15.4	0.000196	0.00006	0.00012	12	2.1
8.75449	303.214939	322.7	17.5	0.000162	0.00004	0.00007	12	2
6.63607	295.186484	319.204649	18.2	0.000126	0.00003	0.00007	12	2
6.83567	286.469293	310.602884	15.4	0.000092	0.00003	0.00006	12	2
6.76478	277.038119	319.8	14.5	0.000068	0.00002	0.00006	12	2.1
6.76517	267.606944	318.330667	9.3	0.000055	0.00002	0.00004	12	2.1
6.82128	258.17577	316.9	7.6	0.000049	0.00002	0.00006	12	2.1
6.55461	251.419753	292.684783	1.9	0.000047	0.00002	0.00005	12	2
6.82435	248.209877	314	0	0.00005	0.00002	0.00006	12	1.9
6.40312	245	314	0	0.000048	0.00002	0.00005	12	1.7
6.25535	241.790123	314	0	0.000046	0.00002	0.00004	12	1.6
6.22	238.861047	284.288333	0	0.000045	0.00002	0.00004	12	1.6
6.21276	236.390116	311	0	0.000047	0.00002	0.00002	12	1.6
6.13647	233.919186	311	0	0.00005	0.00002	0.00004	12	1.4
6.2059	231.448256	311	0	0.000053	0.00002	0.00004	12	1.4
6.33	229.289732	272.355152	0	0.000055	0.00001	0.00005	12	1.3
6.31117	228.058508	308.1	0	0.000056	0.00001	0.00003	12	1.2
6.1557	226.827284	308.1	0	0.000057	0.00001	0.00004	12	1.2
6.13	225.59606	308.1	0	0.000056	0.00001	0.00004	12	1.2
6.12424	224.467769	267.809379	0	0.000056	0.00001	0.00004	12	1.2
6.26249	223.775462	305	0	0.000056	0.00001	0.00004	12	1.2
6.23351	223.083154	305	0	0.000057	0.00001	0.00002	12	1.2
6.33155	222.390846	302.890484	0	0.000057	0.00001	0.00003	12	1.2
6.22272	221.9	267.597383	0	0.000057	0.00001	0.00003	12	1.2

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11:07:20.434	31.1	800
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11:07:22.434	31.7	798
11:07:23.434	31.8	798
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11:07:36.434	22.1	800
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7.35508	221.9	301.381081	0	0.000058	0.00001	0.00003	12	1.2
6.15324	221.9	299.3	0	0.000056	0.00001	0.00003	12	1.2
6.20612	221.746092	263.103428	0	0.000058	0.00001	0.00004	12	1.1
6.86987	221.088363	296.6	0	0.000061	0.00001	0.00003	12	1.1
6.03435	220.430635	296.6	0	0.00006	0.00001	0.00004	12	1.1
6.25683	219.772907	296.6	0	0.00006	0.00001	0.00003	12	1
6.27	219.3	261.858325	0	0.000061	0.00001	0.00003	12	1
6.25865	219.3	293.8	0	0.000062	0.00001	0.00003	12	1
6.19878	219.3	293.467524	0	0.000062	0.00001	0.00003	12	1
6.24	219.3	291.1	0	0.000062	0.00001	0.00005	12	1
6.22	219.209545	255.610286	0	0.000062	0.00001	0.00004	12	1
6.2209	218.614449	290.425321	0	0.000063	0.00001	0.00004	12	1
6.26905	218.019353	288.474926	0	0.000063	0.00001	0.00003	12	1
6.15733	217.424256	288.4	0	0.000063	0.00001	0.00005	12	1
6.28562	216.82916	262.341929	0	0.000062	0.00001	0.00004	12	1
6.2648	216.8	277.079336	0	0.000062	0.00001	0.00004	12	0.9
6.33901	216.8	285.7	0	0.000062	0.00001	0.00004	12	0.9
6.23213	216.8	285.477544	0	0.000062	0.00001	0.00004	12	0.7
6.36116	216.8	259.973913	0	0.000062	0.00001	0.00005	12	0.7
6.21935	216.195884	276.452028	0	0.000062	0.00001	0.00004	12	0.6
6.2562	215.573726	280.723258	0	0.000062	0.00001	0.00006	12	0.6
6.18708	214.951567	280.1	0	0.000062	0.00001	0.00005	12	0.6
6.19919	214.329409	266.139875	0	0.000062	0.00001	0.00005	12	0.6
6.28394	214.2	269.664642	0	0.000062	0.00001	0.00005	12	0.6
6.17384	214.2	278.201688	0	0.000061	0.00001	0.00004	12	0.6
6.23911	214.2	277.4	0	0.000061	0.00001	0.00004	12	0.6
6.20991	214.2	264.23709	0	0.000061	0.00001	0.00004	12	0.5
9.84307	213.750252	262.545	0	0.000073	0.00001	0.00007	12	0.5
8.37543	213.150588	274.7	0	0.000066	0.00001	0.00005	12	0.5
6.16627	212.550923	274.7	0	0.000061	0.00001	0.00005	12	0.5
6.11048	211.951259	268.212195	0	0.00006	0.00001	0.00005	12	0.5
6.205	210.645906	254.866536	0	0.00006	0.00001	0.00006	12	0.5
6.11589	208.83163	272	0	0.000059	0.00001	0.00006	12	0.6
6.15062	207.017355	272	0	0.000058	0.00001	0.00005	12	0.6
6.08	205.203079	269.822468	0	0.000057	0.00001	0.00006	12	0.5
6.18389	203.59557	244.89415	0	0.000055	0.00001	0.00004	12	0.5
6.21237	202.30876	269.3	0	0.000054	0.00001	0.00005	12	0.5
6.18615	201.02195	269.3	0	0.000052	0.00001	0.00004	12	0.5
6.16533	199.73514	269.3	0	0.00005	0.00001	0.00004	12	0.5
6.09399	198.692461	240.185784	0	0.000049	0.00001	0.00003	12	0.5
5.99316	198.101183	266.6	0	0.000048	0.00001	0.00002	12.5	0.5
6.10348	197.509904	266.6	0	0.000047	0.00001	0.00003	12.5	0.5
6.18167	196.918625	266.6	0	0.000047	0.00001	0.00002	12.5	0.5
6.19	196.333804	236.147116	0	0.000047	0.00001	0.00002	13	0.5
6.18223	195.764637	263.8	0	0.000047	0.00001	0.00002	13	0.5
6.1698	195.195471	263.8	0	0.000047	0.00001	0.00003	13	0.5
6.1675	194.626305	263.8	0	0.000047	0	0.00002	13	0.4
6.13	194.053751	232.166766	0	0.000047	0	0.00003	13	0.4
6.13	193.471085	263.583465	0	0.000047	0	0.00005	13	0.4
6.1269	192.88842	261.1	0	0.000047	0	0.00004	13	0.4
6.13816	192.305754	261.1	0	0.000047	0	0.00004	13	0.4
6.23813	191.8	227.930769	0	0.000047	0	0.00003	13	0.4
5.97133	191.8	259.466208	0	0.000046	0	0.00003	13	0.4
6.15514	191.8	258.3	0	0.000046	0	0.00002	13	0.4
6.19149	191.8	258.3	0	0.000046	0	0.00003	13	0.4
6.05381	191.706087	225.425176	0	0.000046	0	0.00004	13	0.4
6.16	191.126377	257.675124	0	0.000046	0	0.00003	13	0.4
6.16081	190.546667	258.3	0	0.000046	0	0.00005	13	0.3
6.21931	189.966957	258.3	0	0.000046	0	0.00004	13	0.3
6.18599	189.4	229.549508	0	0.000046	0	0.00006	13	0.3
6.32479	189.4	252.652074	0	0.000046	0	0.00005	13	0.3
6.1406	189.4	255.5	0	0.000046	0	0.00005	13	0.3

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6.11527	189.4	252.8	0	0.000046	0	0.00005	13	0.3
6.14023	189.4	230.802257	0	0.000046	0	0.00005	13	0.3
6.24923	188.868058	245.602567	0	0.000046	0	0.00005	13	0.3
6.18226	188.303364	252.8	0	0.000046	0	0.00003	13	0.3
6.09433	187.738669	252.8	0	0.000046	0	0.00004	13	0.3
6.12941	187.173975	235.29058	0	0.000046	0	0.00005	13	0.3
6.1915	187.1	240.936765	0	0.000046	0	0.00005	13	0.3
6.2344	187.1	250.1	0	0.000046	0	0.00004	13	0.3
6.13514	187.1	250.1	0	0.000046	0	0.00004	13	0.3
5.97631	187.1	242.491304	0	0.000046	0.00001	0.00004	13	0.6
6.00693	187.1	233.654956	0	0.000046	0.00001	0.00004	13	0.5
6.19065	187.1	247.6	0	0.000047	0.00001	0.00004	13	0.5
6.26534	187.1	247.6	0	0.000047	0.00001	0.00004	13	0.5
6.04032	187.1	244.566455	0	0.000046	0.00001	0.00004	13	0.5
6.00262	187.1	228.788281	0	0.000046	0.00001	0.00004	13	0.5
6.10737	187.1	247.6	0	0.000046	0.00001	0.00003	13	0.5
6.16106	187.1	247.6	0	0.000046	0	0.00004	13	0.4
6.14275	187.1	240.478581	0	0.000046	0	0.00003	13	0.4
6.04157	186.77022	227.067483	0	0.000046	0	0.00003	13	0.4
6.09172	186.183423	244.9	0	0.000046	0	0.00002	13	0.4
6.07567	185.596626	244.9	0	0.000046	0	0.00003	13	0.4
6.01914	185.009829	242.498945	0	0.000046	0	0.00003	13	0.4
6.13	184.7	222.339604	0	0.000047	0	0.00003	13	0.4
6.13	184.7	242.3	0	0.000047	0	0.00004	13	0.3
6.14322	184.7	242.3	0	0.000046	0	0.00003	13	0.3
6.03096	184.7	242.3	0	0.000047	0	0.00005	13	0.3
6.14272	184.7	215.308696	0	0.000047	0	0.00004	13	0.3
6.23479	184.7	241.752055	0	0.000047	0	0.00005	13	0.3
6.18402	184.7	239.8	0	0.000046	0	0.00003	13	0.3
6.17105	184.7	239.8	0	0.000046	0	0.00004	13	0.3
6.16	184.548269	214.488949	0	0.000046	0	0.00003	13	0.3
6.16682	183.971346	239.8	0	0.000046	0	0.00003	13	0.3
6.1838	183.394423	239.8	0	0.000046	0	0.00004	13	0.3
11.9568	182.8175	238.472297	0	0.000062	0	0.00003	13	0.3
8.8667	186.912356	212.219693	0	0.000091	0.00001	0.00008	13	0.3
12.8688	231.692508	237.096081	0	0.000162	0.00001	0.0001	13	0.2
34.12778	276.47266	237.3	0	0.000571	0.00002	0.00046	13	0.2
37.17725	321.252813	237.3	0	0.000487	0.00002	0.0002	13	0.3
29.39464	365.177139	289.795758	10.1	0.00047	0.00002	0.00015	13	0.3
40.63356	383.212722	248.138636	13.5	0.000597	0.00002	0.00023	13	0.3
47.91858	401.248306	242.097441	17.6	0.00059	0.00002	0.00008	13	0.3
17.9765	419.28389	248.179545	19	0.000345	0.00001	0.00006	13	0.3
32.51677	437.319474	315.559444	23.2	0.000487	0.00002	0.00005	13	0.3
22.0502	430.498515	280.107573	24.6	0.000473	0.00001	0.00003	13	0.2
14.96438	421.777863	262.698816	28.3	0.000321	0.00001	0.00007	13	0.2
14.71568	413.057211	266.793883	29.5	0.00025	0.00001	0.00026	13	0.2
14.48177	404.33656	298.179549	30.7	0.000225	0.00001	0.00039	13	0.2
10.6538	381.650132	302.357998	31.1	0.000174	0	0.00023	13	0.2
9.13442	354.431763	278.917924	31.3	0.000147	0	0.00018	13	0.2
9.96376	327.213394	280.1	31.4	0.000117	0	0.00015	13	0.2
9.72276	299.995025	283.184873	31	0.000089	0	0.00012	12.5	0.1
9.65403	276.023946	285.7	30.8	0.000071	0	0.00009	12	0.1
13.80131	254.462876	285.7	30.6	0.000101	0	0.00013	12.5	0.1
19.03421	232.901807	287.10122	30.5	0.000091	0	0.00011	12.5	0.1
17.71958	211.340737	288.4	29.6	0.000055	0	0.00006	12.5	0
12.84503	197.121879	257.961022	29.3	0.000031	0	0.00005	13	0
5.32571	192.918283	291.1	26.4	0.000015	0	0.00001	13	0
9.34372	188.714687	291.1	25.4	0.000012	0	0.00002	13	0
11.94572	184.511091	289.286667	24.3	0.000014	0	0.00001	12.5	0
19.41006	202.803906	252.913333	23.9	0.000039	0	0.00004	12	0
22.3598	246.061091	290.341543	23.8	0.000166	0	0.00003	12	0
22.95661	289.318276	288.4	23.8	0.000317	0	0.00003	12	0
34.4336	332.575461	286.228495	26.1	0.00052	0	0.00006	12	0.1

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31.12927	408.502264	283	29.6	0.000621	0.00001	0.00414	12	0.2
28.95243	444.213072	283	30.5	0.000668	0.00001	0.02234	12	0.2
22.44209	479.92388	284.738784	32.9	0.000472	0.00001	0.01768	12	0.2
12.95191	502.508439	379.965076	33.7	0.000303	0.00001	0.00785	12	0.2
22.12667	493.723484	288.965179	36	0.000316	0.00001	0.00408	12	0.2
22.18113	484.93853	291.1	36.8	0.000366	0	0.0016	12	0.1
22.66241	476.153576	294.891667	36.8	0.000495	0.00001	0.00057	12	0.1
27.85811	473.933235	377.668235	36.8	0.000509	0.00001	0.00028	12	0.2
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21.14391	525.113176	312.577896	38.2	0.000443	0.00001	0.01448	12	0.2
17.68422	542.432657	425.150681	38.3	0.000441	0.00001	0.02341	12	0.2
14.66609	560.887802	321.356907	38.4	0.000386	0	0.01642	12	0.2
16.00262	579.342948	322.52307	38.4	0.000375	0	0.01738	12	0.2
17.2321	597.798093	326.729767	38.3	0.000411	0	0.01698	12	0.2
16.59407	615.001125	457.597826	38.2	0.000417	0	0.01522	12	0.2
17.18555	620.276125	335.085686	38.1	0.000414	0	0.01402	12	0.2
17.35342	625.551125	340.944444	38.1	0.000409	0	0.01333	12	0.2
18.62813	630.826125	347.547845	38	0.000435	0.00001	0.01355	12	0.2
18.38008	635.891769	480.790366	37.9	0.000459	0.00001	0.01277	12	0.2
14.83823	638.963022	363.495745	38.1	0.000445	0.00001	0.01244	12	0.2
16.95996	642.034275	371.44767	38.2	0.000423	0	0.01548	12	0.2
16.67791	645.105528	379.808553	38.7	0.000408	0	0.01387	12	0.2
16.40494	646.62911	491.127465	38.8	0.00038	0	0.01036	12	0.2
15.51227	587.793511	407.278261	39.2	0.0003	0	0.00668	12.5	0.2
14.69675	528.957912	405.948417	39.4	0.000469	0.00001	0.00734	13	0.2
27.38559	470.122313	412.244781	39	0.000432	0.00001	0.00404	12.5	0.2
27.14284	416.150937	421.67	38.8	0.000135	0	0.00075	12	0.2
11.42434	395.920279	431.460255	37.8	0.000065	0	0.00023	12	0.1
21.38159	375.68962	438.635676	37.5	0.00007	0	0.00014	12	0
14.7823	355.458962	447.552128	37.5	0.000095	0	0.00009	12	0
13.07885	335.228304	410.788136	37.5	0.000133	0	0.00005	12	0
12.19431	332.470286	445.635658	38	0.000098	0	0.00012	12	0
11.94604	330.364774	461.823762	38.1	0.000089	0	0.00019	12	0
21.63227	328.259262	466.1	38.3	0.000148	0	0.00036	12	0
13.54679	326.15375	437.802113	38.4	0.000133	0	0.00016	12	0
11.884	308.677733	436.774855	38.8	0.000114	0	0.00009	12	0
12.07353	285.716718	467.603181	39	0.000104	0	0.00008	12	0
12.07171	262.755704	466.1	38.9	0.000089	0	0.00006	12	0
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11.70252	218.201957	457.800495	38.3	0.000038	0	0.00012	12	0
11.46796	210.876736	453.667954	37.8	0.00003	0	0.0001	12	0
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12.18108	206.196216	433.711493	38	0.000072	0	0.00007	12	0
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12.58073	218.023008	321.233548	37.8	0.000093	0	0.00011	12	0
22.21471	247.29619	414.05871	37.7	0.00014	0	0.00015	12	0
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23.79369	397.662064	382.666078	38.6	0.000532	0	0.0314	12	0
24.32592	454.07484	376.83973	39.7	0.000574	0	0.033	12	0
24.34936	510.487617	372.287619	40	0.00058	0	0.03096	12	0
23.72705	561.564626	461.133699	41.1	0.00058	0	0.02727	12	0
23.16427	583.773764	369.962178	41.5	0.000516	0	0.02228	12	0
14.38576	605.982902	367.7	42.8	0.000439	0	0.01629	12	0
15.66445	628.19204	367.7	43.3	0.000393	0	0.0158	12	0
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14.18425	711.070505	374.269091	43.3	0.000343	0	0.00721	12	0
16.8851	731.23219	472.682817	42.9	0.000312	0	0.00503	12	0
14.64267	683.599494	443.86905	42.8	0.000292	0	0.00301	12	0
13.41539	621.883907	385.452314	42.4	0.000295	0	0.00197	12	0
13.52	560.16832	393.154472	42.2	0.000281	0	0.00088	12	0
13.27239	498.452733	425.24902	42.1	0.000237	0	0.0004	12	0
13.29762	465.341051	422.644269	42.1	0.000203	0	0.00025	12	0
13.21261	436.278324	419.014286	42	0.000179	0	0.0002	12	0
13.08129	407.215597	425.0624	41.9	0.000162	0	0.00017	12	0
14.6076	378.15287	420.1305	41.6	0.00016	0	0.00017	12	0
14.66596	360.955672	427.283154	41.5	0.000153	0	0.00014	12	0
13.45412	347.777188	447.195513	41.5	0.000165	0	0.00014	12	0
13.27777	334.598704	451.271022	41.5	0.000173	0	0.00013	12	0
12.65096	321.42022	433.025625	41.3	0.000163	0	0.0002	12	0
13.13904	312.018266	419.689059	41.3	0.000143	0	0.00017	12	0
13.047	304.587926	455.6	40.7	0.000126	0	0.00015	12	0
12.54108	297.157585	455.6	40.5	0.000124	0	0.00012	12	0
12.9521	289.727245	451.080704	40.4	0.000126	0	0.00012	12	0
12.52276	284.766225	391.024094	40.3	0.000123	0	0.00013	12	0
12.6994	282.727413	444.297324	40	0.000128	0	0.00012	12	0
12.70646	280.688602	440.606167	39.9	0.000137	0	0.00012	12	0
12.42686	278.649791	435.986757	39.9	0.000147	0	0.00013	12	0
12.80174	276.109367	374.220341	39.9	0.00014	0	0.00016	12	0
12.56678	272.774399	423.986471	39.7	0.000126	0	0.00016	12	0
12.47079	269.439431	420.319525	39.7	0.000111	0	0.00015	12	0
16.42649	266.104463	413.253482	39.3	0.000137	0	0.00015	12	0
20.83777	271.298122	344.900054	39.2	0.000191	0	0.00014	12	0
18.90217	295.56389	397.418842	39.5	0.00025	0	0.00015	12	0
18.72302	319.829658	390.880533	39.6	0.000286	0	0.00013	12	0
17.72431	344.095426	382.674933	40.7	0.000298	0	0.00016	12	0
18.00474	363.350971	371.069487	41	0.000299	0	0.00018	12	0
17.38161	355.292718	370.80218	41.8	0.000285	0	0.00021	12	0
13.20848	347.234466	367.229427	42	0.000251	0	0.00014	12	0
13.39786	339.176214	361.5	42.5	0.000213	0	0.00013	12	0
13.98383	331.348841	347.775775	42.7	0.000195	0	0.00018	12	0
14.02278	329.887147	354.008309	42.8	0.000187	0	0.00015	12	0
13.99033	328.425454	352.481957	42.8	0.000192	0	0.00013	12	0
15.42105	326.96376	349	43.1	0.000212	0	0.0001	12	0
14.20852	324.538786	337.879721	43.2	0.000217	0	0.00011	12	0
13.91412	308.699765	342.391356	43.4	0.000212	0	0.00009	12	0
14.11059	292.860744	343.2	43.5	0.000194	0	0.0001	12	0
14.93231	277.021723	340.3	43.5	0.000181	0	0.0001	12	0
20.44944	261.182702	319.402493	43.5	0.0002	0	0.00008	12	0
14.96654	250.522818	325.539446	43	0.000143	0	0.00005	12	0
11.64169	241.015261	337.4	42.8	0.000059	0	0	12	0
13.09032	231.507704	334.7477	41.7	0.00004	0	0	12	0
16.74505	222.000146	310.322042	41.3	0.000046	0	0	12	0
17.92652	244.181525	307.182849	40.8	0.000122	0	0	12	0
25.28004	278.932258	326.753314	40.6	0.000264	0	0	12	0
19.84	313.682991	323.303514	40.9	0.000329	0	0	12	0
18.325	348.433724	327.355548	41	0.000326	0	0	12	0
13.876	346.544762	328.787728	41.8	0.000296	0	0	12	0
12.37819	322.578035	316.9	42.1	0.000259	0	0	12	0
13.27949	298.611308	314.586859	42.3	0.000198	0	0	12	0
12.14645	274.64458	305.820546	42.3	0.000139	0	0	12	0
13.06525	270.313234	305.077756	41.5	0.000095	0	0	12	0
12.77364	271.617266	314	41.2	0.00008	0	0	12	0
12.81537	272.921299	311.667116	41	0.000098	0	0	12	0
19.14437	274.225332	306.257415	40.9	0.00017	0	0	12	0
19.1099	288.887575	300.059366	40.7	0.000234	0	0	12	0
19.68858	311.195083	308.1	40.6	0.000278	0	0	12	0
23.77544	333.502591	308.1	41	0.000339	0	0	12	0

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11:11:43.434	45.8	1117
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11:11:45.434	32.9	1107
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24.64735	371.536071	326.93577	41.9	0.000447	0.00001	0	12	0.2
22.38806	379.750357	305	42.1	0.000411	0.00001	0	12	0.2
19.97429	387.964643	305	43.2	0.000363	0.00001	0	12	0.2
18.91539	396.178929	305	43.6	0.00032	0.00001	0.00004	12	0.2
13.93865	399.453499	348.866928	44.2	0.000276	0.00001	0.00006	12	0.2
16.31756	389.16698	308.1	44.4	0.000282	0.00001	0.00015	12	0.2
19.65937	378.88046	308.1	44.4	0.000289	0.00001	0.00014	12	0.2
19.47422	368.593941	308.1	44.4	0.000274	0.00001	0.00007	12	0.2
14.77252	358.406901	327.810253	44.4	0.000224	0.00001	0.00003	12	0.2
8.13707	359.173658	312.811889	44.4	0.00018	0.00001	0.00002	12	0.2
18.41298	359.940416	311	43.9	0.000201	0.00001	0.00007	12	0.2
22.09141	360.707173	311	43.8	0.000236	0.00001	0.00002	12	0.2
21.18714	361.47393	329.232092	43.8	0.000306	0.00001	0	12	0.2
19.6448	368.044399	316.06002	43.8	0.000354	0.00001	0	12	0.3
21.05974	374.819139	313.367953	44.5	0.000342	0.00001	0	12	0.3
10.02776	381.593879	314	44.8	0.000252	0.00001	0	12	0.3
11.38325	388.368618	334.385	45.4	0.0002	0.00001	0	12	0.3
10.98595	363.614867	326.358631	45.6	0.000179	0.00001	0.00003	12	0.3
11.09786	332.540278	314	45.3	0.000167	0.00001	0.00006	12	0.4
11.08646	301.465689	314	45.2	0.00014	0.00001	0.00008	12	0.4
9.36	270.3911	301.2968	44.1	0.000096	0.00001	0.00004	12	0.4
9.41969	256.287642	306.943917	43.8	0.000064	0.00001	0.00003	12	0.4
8.89515	244.542358	314	43.4	0.000049	0.00001	0.00001	12	0.4
8.58282	232.797075	314	43.3	0.000048	0.00001	0	12	0.4
9.12809	221.051792	301.520685	42.6	0.000054	0.00001	0	12	0.3
8.01908	215.646073	288.448911	42.3	0.000051	0.00001	0	12	0.3
8.48915	213.837411	314	41.8	0.00004	0	0	12	0.3
8.87265	212.028748	314	41.7	0.000031	0	0	12	0.3
9.41712	210.220086	313.482442	41.4	0.000024	0	0	12	0.3
8.25766	208.923782	274.110099	41.3	0.000025	0	0	12	0.3
8.67016	208.290253	311	41.1	0.000036	0	0	12	0.3
8.56322	207.656725	311	41.1	0.000054	0	0	12	0.3
9.32979	207.023197	308.59831	40.5	0.000059	0	0	12	0.3
8.89108	208.299376	265.700637	40.3	0.000055	0	0.00001	12	0.3
8.27691	213.417978	308.1	40.3	0.000054	0	0	12	0.3
8.47125	218.536579	306.801186	40.3	0.000066	0	0	12	0.2
9.00019	223.655181	305	40.4	0.000085	0	0	12	0.2
8.59714	225.423706	270.843806	40.5	0.00009	0	0	12	0.2
8.47	220.297424	302.1	40.9	0.000091	0	0.00001	12	0.2
8.53457	215.171143	301.14574	41	0.000095	0	0.00001	12	0.2
8.48859	210.044861	299.3	41	0.000092	0	0.00002	12	0.2
8.1979	206.177469	259.011765	41	0.000084	0	0.00001	12	0.2
8.8281	204.889265	296.6	41.1	0.000069	0	0.00002	12	0.1
9.01357	203.601061	295.616333	41.1	0.00006	0	0	12	0.1
8.86276	202.312857	293.8	41.2	0.000056	0	0.00001	12	0.1
8.74141	202.629501	255.374533	41.3	0.000056	0	0.00001	12	0.1
8.54548	205.69048	290.595252	41.5	0.000059	0	0	12	0.1
8.97113	208.751458	288.4	41.5	0.00006	0	0.00001	12	0
18.29159	211.812437	286.645	41.6	0.000134	0	0	12	0
20.00723	219.164672	252.251502	41.7	0.000219	0	0.00004	12	0
17.69141	241.731363	285.36414	42.7	0.000257	0	0.00005	12	0
12.71533	264.298053	283	43	0.000217	0	0.00001	12	0.1
9.11767	286.864744	281.674515	44.7	0.000166	0	0	12	0.1
9.40613	306.583386	292.105642	45.3	0.000211	0	0.00001	12	0.1
20.41283	280.878056	281.65094	45.8	0.000271	0	0.00001	12	0.1
21.52269	255.172727	280.1	46	0.000175	0	0	12	0
21.48481	229.467398	277.4	46.1	0.0001	0	0.00002	12	0
21.29247	203.762069	252.695706	46.1	0.000053	0	0	12	0
21.33793	190.339005	267.5	46.1	0.00003	0	0	12	0
21.19278	178.101073	274.7	46.1	0.000021	0	0	12	0
21.03305	165.86314	274.581184	45.7	0.000015	0	0	12	0
20.94433	153.625207	241.072715	45.6	0.000015	0	0	12	0

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11:12:23.434	49.2	1185
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11:12:29.434	77.6	1186
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11:13:00.434	19.9	901
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11:13:02.434	22	902
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11:13:08.434	21.4	901
11:13:09.434	21.4	900
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20.61284	147.252014	251.905603	45.2	0.000015	0	0	12	0
20.55724	142.2545	269.3	45.1	0.000015	0	0.00001	12	0
20.65915	137.256987	266.823228	44.6	0.000015	0	0	12	0
19.96994	132.259473	238.96	44.5	0.000015	0	0.00001	12	0
20.04782	129.042427	242.707818	44.1	0.000015	0	0	12	0
19.88063	126.304391	261.904369	44	0.000015	0	0	12	0
19.49333	123.566354	258.490146	43.5	0.000014	0	0	12	0
19.42367	120.828318	229.360417	43.3	0.000014	0	0.00003	12	0
13.56945	134.646719	223.491626	42.9	0.000008	0	0.00004	12	0
12.86486	154.465136	251.033254	42.7	0.000008	0	0.00003	12	0
8.33782	174.283554	247.730174	42.6	0.000007	0	0.00004	12	0
11.67608	194.101971	233.067816	42.6	0.000036	0	0.00004	12	0
9.72244	204.036095	235.932125	42.8	0.000076	0	0.00005	12	0
8.64776	212.609582	242.3	42.9	0.0001	0	0.00003	12	0
9.34684	221.183069	240.036037	43.1	0.000118	0	0.00004	12	0
12.39236	229.756556	236.306172	43.2	0.000156	0	0.00011	12	0
15.45166	249.491078	234.720339	42.9	0.000198	0	0.00018	12	0.1
15.75499	273.674403	234.7	42.8	0.000229	0	0.00015	12	0.1
15.66	297.857728	232.43386	42.9	0.000258	0	0.00011	12	0.1
16.0505	322.041053	243.821757	43	0.000271	0	0.00011	12	0.1
14.89204	333.714693	257.537961	43.5	0.000259	0	0.00008	12	0.1
13.95352	337.490701	232.2	43.6	0.000236	0	0.00008	12	0.1
12.31717	341.266709	232.2	44	0.000224	0	0.00008	12	0.1
16.0854	345.042718	253.807264	44.1	0.000252	0	0.00008	12	0.1
14.93658	345.081463	255.258395	44.2	0.000228	0	0.0001	12	0.1
11.337	343.666829	232.2	44.2	0.000208	0	0.00007	12	0.1
11.34191	342.252195	234.190553	44.1	0.00019	0	0.00007	12	0.1
11.69305	340.837561	248.243811	44.1	0.000183	0	0.00007	12	0.1
10.81728	334.037374	263.913732	43.6	0.000168	0	0.00008	12	0.1
9.40518	323.936364	238.547539	43.5	0.000148	0	0.00007	12	0.1
8.76104	313.835354	239.8	43.3	0.000139	0	0.00006	12	0.1
9.05675	303.734343	244.579167	43.2	0.000133	0	0.00007	12	0.1
9.02823	297.091765	260.115916	42.8	0.000126	0	0.00008	12	0.1
9.20087	293.155518	242.3	42.7	0.000117	0	0.0001	12	0.1
9.53658	289.219271	243.648771	42.5	0.000127	0	0.00008	12	0.1
12.17428	285.283023	244.9	42.5	0.000164	0	0.00007	12	0.1
10.81863	293.573795	260.385426	42.4	0.000155	0	0.00004	12	0.1
9.41638	318.749498	247.6	42.3	0.000142	0	0.00001	12	0.1
9.15585	343.925201	247.6	42.2	0.000133	0	0.00001	12	0.1
9.30644	369.100904	250.058459	42.1	0.000134	0	0.00033	12	0.1
8.54267	378.3769	298.123145	41.9	0.000141	0	0.00351	12	0.1
8.16968	367.085387	250.81665	41.8	0.000164	0	0.00804	12	0.1
8.54917	355.793875	252.8	41.3	0.000177	0	0.00958	12	0.1
8.41595	344.502362	252.8	41.2	0.000156	0	0.00606	12	0.1
8.70326	329.560988	287.978971	40.7	0.000123	0	0.00315	12	0.1
10.21633	308.431576	256.029505	40.6	0.000119	0	0.00189	12	0.1
13.18639	287.302165	258.3	40	0.000073	0	0.00069	12	0.1
6.49829	266.172753	258.3	39.8	0.000038	0	0.00021	12	0.1
6.74089	246.902681	254.627778	37.8	0.00003	0	0.0001	12	0.1
6.87365	241.139714	261.190781	37.1	0.000024	0	0.00006	12	0.1
6.8	235.376748	263.8	33.4	0.000021	0	0.00003	12	0.1
6.75287	229.613781	263.8	32.2	0.000023	0	0.00002	12	0.1
6.77277	224.176301	245.012	28.1	0.000028	0	0.00001	12	0.1
6.96957	220.917079	263.043168	26.7	0.000035	0	0.00001	12	0.1
6.78565	217.657858	266.6	21.7	0.00004	0	0.00001	12	0.1
6.95466	214.398636	266.6	20	0.000042	0	0	12	0.2
6.70144	211.276437	239.416814	15.4	0.000044	0	0.00001	12	0.2
6.90899	208.813858	269.062832	13.8	0.000045	0	0	12	0.2
6.87296	206.35128	269.3	9	0.000046	0	0	12	0.2
6.68487	203.888701	269.3	7.4	0.000046	0	0	12	0.2
6.30085	201.764662	241.568052	3.6	0.000048	0	0	12	0.2
7.36748	210.586742	264.6727	2.3	0.000056	0	0.00001	12	0.2
9.56774	219.408822	269.3	1.7	0.000066	0	0.00001	12	0.2

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11:13:21.434	68.7	2413
11:13:22.434	75.3	2732
11:13:23.434	59.6	3087
11:13:24.434	0	2665
11:13:25.434	3.2	2097
11:13:26.434	9.7	1956
11:13:27.434	41.5	1958
11:13:28.434	51.4	1985
11:13:29.434	18.9	1968
11:13:30.434	3.6	1909
11:13:31.434	66.1	1929
11:13:32.434	83.9	2054
11:13:33.434	80	2206
11:13:34.434	78.9	2336
11:13:35.434	20.1	1867
11:13:36.434	96.5	1674
11:13:37.434	96.7	1774
11:13:38.434	94.9	1879
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11:13:49.434	49	1551
11:13:50.434	64.1	1561
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11:14:07.434	65.1	1489
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11:14:15.434	14.7	1444
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11:14:18.434	50.3	1418

15.77557	228.230902	269.3	1.5	0.000106	0	0.00004	12	0.2
25.79534	237.052982	257.669844	3.8	0.000239	0.00001	0.00004	12	0.2
48.37018	259.409065	263.971698	4.5	0.000476	0.00001	0.00013	12	0.2
75.49382	282.155016	266.6	10.7	0.000903	0.00002	0.00022	12	0.2
25.90171	304.900967	269.3	12.8	0.000258	0.00001	0.00011	12	0.2
49.92008	327.646918	286.185327	19	0.000529	0.00001	0.00029	12	0.2
71.97814	335.108302	279.913565	21.1	0.001136	0.00002	0.00043	12	0.2
44.96714	339.549382	273.04377	25.5	0.000813	0.00004	0.00031	12	0.4
13.94	343.990462	279.8264	27	0.000225	0.00004	0.00011	12	1
25.12987	348.431542	300.614148	32.4	0.000194	0.00007	0.00018	12	1.5
16.98634	336.682654	294.67889	34.2	0.000084	0.00005	0.00011	12	1.6
18.98094	322.557258	285.7	33	0.000078	0.00006	0.00014	12	1.6
21.77324	308.431861	288.151931	32.6	0.000113	0.00006	0.00014	12	1.6
14.9258	294.306465	288.955522	32.7	0.000171	0.00005	0.00013	12	1.5
18.87947	314.936346	288.932507	32.7	0.000186	0.00005	0.00019	12	1.5
35.23801	345.772499	286.789098	32.2	0.000288	0.00008	0.00024	12	1.5
46.89841	376.608652	285.7	32	0.000524	0.00009	0.00022	12	1.3
45.55462	407.444804	302.746479	32.8	0.000765	0.0001	0.00012	12	1.2
42.28196	426.67471	322.705779	33.1	0.000714	0.00008	0.00014	12	1.1
20.68542	439.233309	288.4	36.8	0.000398	0.00004	0.00011	12	1.1
37.51454	451.791907	290.636622	38.1	0.000462	0.00005	0.00013	12	1.1
52.04234	464.350506	307.304255	39.2	0.000827	0.00009	0.00014	12	1.1
43.94145	476.691067	345.6524	39.5	0.000856	0.00008	0	12	1
42.84894	488.87503	297.664118	43	0.000852	0.00007	0.00002	12	0.9
33.78886	501.058993	302.242432	44.2	0.000668	0.00005	0	12	0.9
27.10771	513.242957	307.974888	47.3	0.00056	0.00005	0.00005	12	0.9
18.85962	497.444072	389.045697	48.4	0.000328	0.00003	0.00006	12	0.9
9.01301	444.399951	317.650893	49.7	0.000175	0.00002	0.00006	12	0.9
14.41184	391.355829	319.8	50.1	0.000219	0.00003	0.00011	12	0.9
16.31582	338.311708	319.8	49.1	0.000141	0.00003	0.00008	12	0.9
10.89843	305.278551	314.536595	48.8	0.000071	0.00002	0.00007	12	0.8
11.72509	306.027343	323.241257	47.3	0.000063	0.00001	0.00005	12	0.6
11.38294	306.776135	325.6	46.8	0.000086	0.00001	0.00005	12	0.4
12.01985	307.524928	325.6	47	0.000139	0.00001	0.00004	12	0.4
19.84452	307.917416	317.474381	47.1	0.000208	0.00001	0.00011	12	0.3
19.2597	307.130414	325.6	47.2	0.000238	0.00001	0.00009	12	0.3
11.03917	306.343412	324.581915	47.2	0.0002	0.00001	0.00007	12	0.2
11.6298	305.55641	322.7	47.7	0.000176	0.00001	0.00008	12	0.3
12.19804	302.08345	314.691676	47.8	0.000147	0.00001	0.00011	12	0.3
12.12273	292.129355	319.8	47.3	0.000133	0.00001	0.00015	12	0.3
11.43533	282.17526	319.8	47.1	0.000123	0.00001	0.00014	12	0.3
17.69892	272.221165	319.8	46.3	0.000145	0.00001	0.00017	12	0.3
20.94973	265.803283	290.682299	46.1	0.000155	0.00001	0.00011	12	0.3
18.93486	278.811612	313.373356	45.9	0.000211	0.00001	0.00006	12	0.3
16.42506	291.819941	314	45.8	0.000221	0.00001	0.00007	12	0.3
10.6494	304.82827	311	45.9	0.000195	0.00001	0.00005	12	0.3
11.34344	316.745426	312.29375	46	0.000179	0.00001	0.0001	12	0.3
11.93186	314.598561	308.562022	45.7	0.000164	0.00001	0.00019	12	0.3
11.09061	312.451696	305.356392	45.6	0.000154	0	0.00022	12	0.2
14.88581	310.30483	305	45.3	0.000197	0.00001	0.00019	12	0.2
17.01207	308.157965	305.073219	45.2	0.000239	0.00001	0.00018	12	0.2
16.90624	318.664137	302.688119	45.1	0.000257	0.00001	0.00011	12	0.2
17.51443	329.52142	302.1	45	0.000268	0.00001	0.00008	12	0.2
16.35956	340.378703	299.3	45.2	0.000262	0.00001	0.0001	12	0.2
10.85354	351.235986	315.158594	45.3	0.000202	0.00001	0.00007	12	0.2
11.94124	341.814721	304.628495	45.5	0.000188	0	0.00014	12	0.2
11.00706	330.190243	299.3	45.6	0.00018	0	0.00028	12	0.2
11.23128	318.565766	296.6	45.3	0.000178	0.00001	0.00032	12	0.3
10.86048	306.941288	298.838	45.2	0.000173	0.00001	0.00034	12	0.3
11.33835	294.29	298.028824	44.8	0.00016	0.00001	0.00032	12	0.3
11.12397	281.432857	296.6	44.7	0.000139	0.00001	0.00026	12	0.3
10.74245	268.575714	296.6	43.9	0.000112	0	0.00018	12	0.2
12.92586	255.718571	288.383092	43.6	0.000102	0	0.00016	12	0.2

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11:14:27.434	54.5	1436
11:14:28.434	53.8	1449
11:14:29.434	51.1	1459
11:14:30.434	49.1	1469
11:14:31.434	44.2	1474
11:14:32.434	39.4	1473
11:14:33.434	43.9	1462
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11:14:52.434	53.4	1508
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11:14:56.434	45.1	1518
11:14:57.434	50.1	1517
11:14:58.434	46.5	1516
11:14:59.434	44.6	1515
11:15:00.434	47.6	1507
11:15:01.434	53.9	1507
11:15:02.434	52.2	1509
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11:15:06.434	45.3	1514
11:15:07.434	46.3	1517
11:15:08.434	47.3	1520
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11:15:10.434	51.5	1515
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11:15:13.434	56.9	1502
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11:15:18.434	62.8	1500
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11:15:21.434	46.2	1487

17.64858	269.715807	287.983251	43.3	0.000144	0	0.00014	12	0.2
22.70458	291.599129	296.6	43.2	0.000267	0.00001	0.00015	12	0.1
18.99624	313.48245	296.6	43.4	0.000355	0	0.00012	12	0.1
14.23167	335.365771	303.146036	43.5	0.000269	0	0.00007	12	0.1
12.29248	364.033422	308.768546	43.9	0.00019	0	0.00007	12	0.2
12.37281	396.484236	296.6	44	0.000181	0	0.00038	12	0.2
16.45864	428.93505	296.6	43.6	0.000257	0.00001	0.00474	12	0.2
16.68736	461.385863	306.720822	43.5	0.00037	0.00001	0.01592	12	0.2
21.69211	491.853219	347.928362	43.4	0.000481	0.00001	0.02488	12	0.2
20.10966	520.526018	298.351883	43.4	0.000492	0.00001	0.02429	12	0.2
19.73595	549.198817	301.922925	43.7	0.00048	0.00001	0.02364	12	0.2
19.56648	577.871616	360.813889	43.8	0.000478	0.00001	0.02439	12	0.2
16.06138	593.41399	365.021413	44.3	0.000415	0.00001	0.02008	12	0.2
11.98805	603.850088	315.055847	44.5	0.00034	0.00001	0.01442	12	0.2
11.40273	614.286186	319.657124	44.8	0.000297	0.00001	0.01163	12	0.2
15.58563	624.722284	385.907757	44.9	0.000343	0.00001	0.01517	12	0.2
17.43504	627.3	391.466827	44.5	0.000383	0.00001	0.01612	12	0.2
15.2727	627.3	332.45	44.4	0.00036	0.00001	0.01313	12	0.2
11.23619	627.3	337.294189	44.8	0.000323	0.00001	0.0101	12	0.2
13.12527	627.3	396.252932	44.9	0.000323	0.00001	0.0103	12	0.2
14.43527	606.636936	405.128515	44.9	0.000339	0.00001	0.01131	12	0.2
15.40058	579.905935	357.738824	44.9	0.000326	0.00001	0.00972	12	0.2
15.20483	553.174934	363.893775	44.9	0.000323	0.00001	0.00713	12	0.2
15.90666	526.443932	392.336325	44.9	0.00033	0.00001	0.00355	12	0.2
14.95699	501.566432	420.739485	44.9	0.000301	0.00001	0.00112	12	0.2
15.20066	477.786865	396.110684	44.9	0.000274	0.00001	0.00042	12	0.2
13.0235	454.007297	406.615789	45	0.000249	0.00001	0.0002	12	0.2
15.11171	430.22773	417.254242	45.1	0.000256	0.00001	0.00014	12	0.2
16.15707	415.50826	425.191837	45.2	0.000268	0.00001	0.0001	12	0.2
14.45293	405.582052	431.936026	45.2	0.000249	0.00001	0.00008	12	0.2
15.22083	395.655844	437.533377	45.5	0.000237	0.00001	0.00005	12	0.2
11.5659	385.729636	441.878289	45.6	0.00019	0	0.00006	12	0.2
11.95814	375.77	422.125857	45.6	0.000184	0	0.00006	12	0.2
12.05783	365.77	445.2	45.6	0.000186	0	0.00009	12	0.2
11.66655	355.77	444.087308	45.7	0.000177	0	0.00011	12	0.2
11.65592	345.77	441.9	45.7	0.000175	0	0.00011	12	0.2
11.93473	339.081746	388.18549	45.8	0.000202	0.00001	0.00016	12	0.2
16.31183	349.399206	434.558039	45.9	0.000264	0.00001	0.00018	12	0.2
13.80886	359.716667	432.088131	45.9	0.000218	0.00001	0.00013	12	0.2
12.80555	370.034127	427.578201	45.9	0.000188	0.00001	0.00007	12	0.2
13.14985	380.504431	406.343904	46	0.000203	0.00001	0.00091	12	0.2
14.00783	421.390634	421.973964	46	0.000281	0.00001	0.00793	12	0.3
16.56896	462.276838	418.719527	45.8	0.000348	0.00001	0.01377	12	0.3
16.8364	503.163041	412.1	45.8	0.000386	0.00001	0.01491	12	0.3
17.34922	543.227834	464.367668	45.7	0.000406	0.00001	0.01374	12	0.3
15.96722	559.222796	418.429795	45.7	0.000398	0.00001	0.01217	12	0.3
13.95668	575.217758	405.5	45.8	0.000356	0.00001	0.00963	12	0.3
14.00231	591.21272	405.5	45.8	0.000337	0.00001	0.01062	12	0.3
13.9922	605.308321	490.423772	45.8	0.000336	0.00001	0.01218	12	0.3
13.94	591.154694	416.923553	45.8	0.000335	0.00001	0.0115	12	0.3
13.23389	577.001067	405.5	46	0.000311	0.00001	0.00952	12	0.3
15.91368	562.84744	405.5	46.1	0.000267	0.00001	0.00748	12	0.3
11.70108	548.693812	446.417945	46	0.000254	0.00001	0.00625	12	0.4
11.72553	520.671012	433.649804	46	0.000245	0.00001	0.00342	12	0.4
11.83691	490.104162	416.398727	45.8	0.000229	0.00001	0.00146	12	0.4
12.52703	459.537312	421.92	45.7	0.000227	0.00001	0.0006	12	0.4
13.13843	428.970462	424.83164	45.6	0.000209	0.00001	0.00026	12	0.4
14.6822	411.929484	429.296287	45.6	0.000231	0.00001	0.00016	12	0.4
14.85897	401.732924	438.373529	45.6	0.000212	0.00001	0.00009	12	0.4
12.5593	391.536364	444.141045	45.6	0.000204	0.00001	0.00008	12	0.4
12.20307	381.339803	446.043092	45.6	0.000186	0.00001	0.00006	12	0.4
11.36662	367.391369	432.425521	45.6	0.000177	0.00001	0.00007	12	0.4
11.31666	350.878523	453.798827	45.5	0.000176	0.00001	0.00007	12	0.4

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11:16:07.434	32.3	1471
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11:16:11.434	17.2	897
11:16:12.434	18.1	900
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11:16:14.434	22.4	898
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11:16:16.434	22.6	898
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11.26526	334.365677	457.921004	45.5	0.000174	0.00001	0.00011	12	0.4
10.94323	317.852831	449.548786	45	0.000163	0.00001	0.00013	12	0.4
10.84523	304.358732	419.226923	44.9	0.000143	0.00001	0.00012	12	0.4
10.94589	293.006137	457.370629	44.2	0.000115	0.00001	0.00012	12	0.3
10.64738	281.653541	455.6	44	0.000098	0.00001	0.00008	12	0.3
10.89326	270.300946	432.945417	43.5	0.000087	0.00001	0.00008	12	0.3
10.70928	264.357666	404.225	43.4	0.000082	0	0.00006	12	0.2
10.6439	261.030762	446.885941	42.9	0.000075	0	0.00007	12	0.2
10.53305	257.703857	443.095652	42.7	0.000071	0	0.00007	12	0.2
11.25371	254.376953	428.78662	42.2	0.00008	0	0.00006	12	0.2
16.37546	261.39561	379.245793	42	0.000118	0.00001	0.00007	12	0.2
15.35711	277.737073	429.207241	41.8	0.000153	0.00001	0.00004	12	0.2
14.91775	294.078537	423.541161	41.7	0.000193	0.00001	0.00006	12	0.2
14.99515	310.42	415.559517	41.8	0.000231	0.00001	0.00004	12	0.2
17.26138	326.495792	377.069489	41.9	0.000266	0.00001	0.00007	12	0.2
17.67727	342.213614	403.130577	42.1	0.000287	0.00001	0.00006	12	0.2
17.97988	357.931436	395.568678	42.2	0.000298	0.00001	0.00005	12	0.2
15.76	373.649257	387.622535	42.8	0.000288	0.00001	0.00007	12	0.2
14.85542	382.454476	382.072921	43	0.000259	0.00001	0.00005	12	0.2
14.71989	380.264	376.671176	43.5	0.000248	0.00001	0.00009	12	0.3
14.84315	378.073524	372.784112	43.7	0.000241	0.00001	0.00009	12	0.3
15.14491	375.883048	366.048026	43.9	0.000244	0.00001	0.00012	12	0.3
16.50617	374.243041	369.128873	44	0.000257	0.00001	0.0001	12	0.3
15.47613	375.012081	360.882203	44.1	0.000249	0.00001	0.0001	12	0.3
15.12292	375.781121	355.4	44.1	0.000251	0.00001	0.00008	12	0.3
17.38755	376.550161	353.665	44.1	0.00027	0.00001	0.00009	12	0.3
17.3771	377.549595	364.498315	44.1	0.000279	0.00001	0.0001	12	0.3
17.26491	379.80505	349.525515	44.1	0.000284	0.00001	0.00006	12	0.3
15.97899	382.060505	346.1	44.1	0.000272	0.00001	0.00009	12	0.3
15.71	384.31596	344.648064	44.1	0.000264	0.00001	0.00007	12	0.3
15.30861	385.731043	361.98	44.1	0.000258	0.00001	0.00008	12	0.3
14.62659	376.928972	345.595289	44.1	0.000215	0.00001	0.00007	12	0.3
11.16202	368.1269	340.655687	44.1	0.000198	0.00001	0.00006	12	0.3
10.85547	359.324829	340.3	43.7	0.000181	0.00001	0.00006	12	0.3
11.05862	350.522758	341.806546	43.6	0.00018	0.00001	0.00007	12	0.3
16.78091	364.379015	339.149893	42.9	0.000266	0.00001	0.00019	12	0.3
25.18116	382.975165	337.4	42.7	0.000405	0.00001	0.0002	12	0.2
19.99024	401.571314	337.4	42.4	0.000495	0.00001	0.00016	12	0.2
28.78169	420.167463	354.484789	42.3	0.000564	0.00001	0.00005	12	0.2
27.86987	434.223981	354.311196	43.1	0.000506	0.00001	0.00001	12	0.2
21.18636	446.549923	337.4	43.4	0.00046	0.00001	0	12	0.2
20.38888	458.875864	337.4	44.4	0.000465	0.00001	0	12	0.2
25.21257	471.201805	374.770887	44.7	0.00043	0.00001	0.00002	12	0.2
18.94571	457.094036	361.525074	45.1	0.000381	0.00001	0	12	0.2
13.24478	438.174456	342.196373	45.2	0.000226	0.00001	0	12	0.2
11.00143	419.254877	343.2	45.4	0.000191	0	0	12	0.2
10.91431	400.335297	354.294198	45.5	0.000169	0	0.00002	12	0.2
10.98921	380.611081	354.249952	44.5	0.00015	0	0.00005	12	0.2
10.50523	360.625758	343.2	44.2	0.000132	0	0.00006	12	0.2
5.88317	340.640435	345.952616	43.2	0.000112	0	0.00005	12	0.2
6.56107	320.655113	341.215217	42.8	0.0001	0	0.00003	12	0.2
6.82158	307.679021	338.003982	41.4	0.000089	0	0.00003	12	0.2
6.70845	298.202291	346.1	41	0.000077	0	0.00002	12	0.2
6.59679	288.725561	346.1	38.4	0.000065	0	0.00002	12	0.2
6.76219	279.24883	342.422115	37.5	0.000058	0	0.00001	12	0.2
6.78775	271.223069	323.865109	34	0.000055	0	0	12	0.2
6.82392	264.536664	346.1	32.8	0.000053	0	0.00001	12	0.2
6.8365	257.850259	346.1	27	0.000052	0	0	12	0.2
7.0067	251.163854	345.747206	25	0.000051	0	0	12	0.2
6.80929	245.86327	310.924629	17.1	0.00005	0	0	12	0.2
6.74352	242.144361	343.2	14.4	0.00005	0	0	12	0.2
6.70271	238.425453	343.2	6.7	0.000049	0	0	12	0.2
6.45274	234.706544	343.2	4	0.000047	0	0	12	0.2

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6.20136	231.304348	297.774457	1	0.000046	0	0	12	0.2
6.20215	228.556949	342.348276	0	0.000045	0	0	12	0.3
6.33355	225.809549	340.3	0	0.000045	0	0.00001	12	0.3
6.12444	223.06215	337.635048	0	0.000045	0	0	12	0.3
6.20444	221.207437	303.776389	0	0.000046	0	0	12	0.3
6.28695	220.007155	337.4	0	0.000046	0	0	12	0.3
6.15659	218.806872	337.4	0	0.000046	0	0	12	0.3
6.22696	217.60659	335.004348	0	0.000045	0	0	12	0.3
6.1254	216.377576	285.881044	0	0.000044	0	0	12	0.3
6.08036	215.089697	331.4	0	0.000044	0	0	12	0.3
6.13458	213.801818	331.4	0	0.000049	0	0	12	0.3
10.44551	212.513939	331.4	0	0.000057	0	0	12	0.3
5.91408	213.965705	282.115035	0	0.000047	0	0	12	0.3
6.63465	220.122511	327.934356	0	0.000054	0	0.00001	12	0.3
8.74822	226.279317	324.884565	0	0.000073	0	0.00001	12	0.3
15.64489	232.436123	322.7	0	0.000121	0.00001	0	12	0.2
25.98782	243.863467	280.385904	1.8	0.00028	0.00001	0	12	0.2
58.59368	275.11807	316.600295	2.4	0.000891	0.00003	0	12	0.3
84.10117	306.372674	314	9.7	0.000996	0.00005	0	12	0.4
29.83834	337.627277	314	12.1	0.000325	0.00002	0	12	0.4
58.91268	366.369324	337.030098	19.2	0.000775	0.00005	0.00019	12	0.4
98.74911	379.284101	314.777624	21.6	0.001611	0.00025	0.00005	12	1.3
107.66	392.198878	314	26.8	0.001103	0.00105	0	12	7.8
27.8624	405.113655	321.470914	28.5	0.000235	0.00076	0.00001	12	17.7
50.53356	418.028432	359.021203	35.7	0.000557	0.00176	0	12	20.3
67.42496	426.570368	341.030362	38.1	0.001137	0.00275	0.00012	12	19.7
80.35483	434.872443	333.990087	40.3	0.001361	0.00275	0.00001	12	18.2
53.15069	443.174519	341.014307	41.1	0.000436	0.00094	0.00001	12	17.8
19.1703	451.476594	381.958807	46.5	0.000226	0.00066	0.00001	12	17.7
36.33781	444.929944	358.16765	48.3	0.000375	0.00089	0	12	15.4
36.70618	437.585311	348.283529	48.8	0.000585	0.00084	0	12	12.1
22.58338	430.240678	349	48.9	0.000493	0.00057	0	12	10.4
13.49533	422.896045	369.776526	51	0.000208	0.00023	0.00003	12	9.1
11.00083	414.468241	360.369455	51.7	0.000124	0.00014	0.00001	12	7.4
21.1833	405.889928	349	51.4	0.000148	0.00019	0.00001	12	6.1
16.86652	397.311614	349	51.3	0.000191	0.00016	0	12	4.8
17.67101	388.733301	356.169671	51.1	0.00022	0.00012	0	12	4.1
14.40049	378.094927	357.18587	51	0.000201	0.00009	0	12	3.6
12.98089	366.68686	349	51	0.000189	0.00008	0.00003	12	3.4
12.21258	355.278792	349	51	0.000192	0.00007	0.00011	12	3.3
14.79613	343.870725	345.414887	50.4	0.000191	0.00007	0.00019	12	3
18.92805	348.924751	345.062774	50.2	0.000233	0.00008	0.00025	12	2.7
22.58676	361.478974	344.094711	50	0.000301	0.00008	0.00017	12	2.3
20.30757	374.033197	343.2	49.9	0.000352	0.00008	0.0001	12	2.1
25.73	386.58742	352.748	50.4	0.000432	0.00008	0.00005	12	1.9
23.49692	383.865464	350.091287	50.6	0.000452	0.00008	0	12	1.8
19.89344	376.528828	338.599804	51.5	0.000388	0.00006	0	12	1.7
11.33973	369.192192	337.4	51.8	0.00024	0.00004	0	12	1.7
9.81294	361.855556	338.433524	52.1	0.000167	0.00003	0.00002	12	1.6
15.86921	354.483907	344.070466	52.2	0.000161	0.00003	0.00002	12	1.5
17.80497	347.081084	337.4	51.3	0.00017	0.00005	0.00003	12	1.5
20.66082	339.678262	335.866515	51	0.000138	0.00005	0.00001	12	1.4
22.68395	332.275439	334.5	49.7	0.000212	0.00004	0	12	1
22.49707	352.076951	332.569339	49.3	0.000329	0.00004	0.00001	12	0.9
28.56644	400.193179	333.263654	49.9	0.000575	0.00005	0	12	0.9
38.42663	448.309407	331.4	50.1	0.000775	0.00006	0.00004	12	0.9
31.54207	496.425634	331.4	51.1	0.000494	0.00004	0	12	0.9
12.91783	513.5975	400.135388	51.4	0.000322	0.00003	0	12	0.9
16.71301	489.582348	332.50642	52.5	0.000237	0.00003	0	12	0.9
16.64269	465.567197	334.5	52.8	0.000251	0.00003	0	12	0.9
23.06902	441.552045	334.5	52.7	0.000338	0.00003	0.00001	12	0.9
18.06563	439.51665	368.142567	52.6	0.000309	0.00003	0	12	0.8
17.69987	462.36665	337.4	52.7	0.000308	0.00003	0.00044	12	0.8

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11:17:28.434	50.7	1453
11:17:29.434	51.2	1458
11:17:30.434	53.3	1458
11:17:31.434	53.2	1462
11:17:32.434	50.3	1462
11:17:33.434	52.2	1461
11:17:34.434	52.2	1461
11:17:35.434	51.8	1462
11:17:36.434	51.3	1460
11:17:37.434	49.9	1460
11:17:38.434	51.2	1459
11:17:39.434	53	1461
11:17:40.434	52.6	1460
11:17:41.434	50.2	1456
11:17:42.434	51.9	1458
11:17:43.434	52.9	1459
11:17:44.434	50.6	1457
11:17:45.434	50.4	1458
11:17:46.434	49.7	1460
11:17:47.434	49.4	1461
11:17:48.434	41.2	1463
11:17:49.434	5.5	1424
11:17:50.434	5.4	1424
11:17:51.434	14.1	914
11:17:52.434	19.4	896
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11:17:57.434	22.4	901
11:17:58.434	22.2	901
11:17:59.434	22	899
11:18:00.434	22.7	899
11:18:01.434	22.1	901
11:18:02.434	21.6	900
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11:18:04.434	21.6	900
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11:18:07.434	21.9	901
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11:18:09.434	20.7	820
11:18:10.434	22.9	794
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11:18:13.434	22.8	799
11:18:14.434	22.6	799
11:18:15.434	22.1	804
11:18:16.434	27.7	1056
11:18:17.434	71.2	1346
11:18:18.434	76.1	1421
11:18:19.434	84.3	1892
11:18:20.434	74.8	2840
11:18:21.434	32.6	3788
11:18:22.434	25.7	3556
11:18:23.434	63.1	3182
11:18:24.434	78.5	3150
11:18:25.434	29.1	3167
11:18:26.434	76.5	2401
11:18:27.434	85.8	2559
11:18:28.434	79.6	2897
11:18:29.434	29.5	3183
11:18:30.434	77.3	2213

17.07769	485.21665	337.4	52.7	0.000355	0.00003	0.00395	12	0.8
17.26866	508.06665	337.4	52.8	0.000405	0.00002	0.01527	12	0.7
16.57641	529.080068	402.25	52.8	0.000401	0.00002	0.01823	12	0.8
15.99	548.014115	341.151684	52.8	0.000387	0.00002	0.01531	12	0.8
15.69902	566.948163	343.2	52.8	0.000378	0.00002	0.01323	12	0.8
16.06857	585.88221	345.749409	52.9	0.000375	0.00002	0.01284	12	0.8
16.18895	600.128711	448.043186	52.9	0.000378	0.00002	0.01327	12	0.8
15.7928	606.041795	350.132016	53.1	0.000375	0.00002	0.01275	12	0.8
15.62864	611.95488	355.4	53.1	0.000379	0.00002	0.01234	12	0.8
15.83005	617.867965	358.915115	53.1	0.00038	0.00002	0.01215	12	0.8
15.66095	623.348519	491.662841	53.1	0.000381	0.00003	0.01201	12	0.9
15.70453	626.358711	370.198513	52.9	0.000382	0.00003	0.01188	12	0.9
16.54551	629.368903	373.897628	52.8	0.000392	0.00003	0.01214	12	0.9
16.62089	632.379095	381.150202	52.9	0.000401	0.00003	0.01205	12	0.9
16.32192	635.389287	470.021388	52.9	0.000404	0.00003	0.01203	12	1
16.8705	637.577221	424.426102	52.9	0.000403	0.00003	0.01161	12	1.1
16.89505	639.703265	403.678478	52.9	0.000404	0.00004	0.01134	12	1.2
16.77706	641.829309	410.388564	52.9	0.000397	0.00005	0.01094	12	1.5
16.43003	643.955353	495.500725	52.9	0.000397	0.00005	0.01062	12	1.7
16.29387	608.145842	450.82483	52.9	0.000382	0.00007	0.01021	12	2.2
16.67256	571.522595	434.13	52.9	0.000325	0.00007	0.00856	12	2.8
10.94592	534.899349	440.151321	53.1	0.000262	0.00007	0.00479	12	3.3
14.00821	498.276102	466.685507	53.1	0.000255	0.00008	0.00216	12	3.9
6.75698	467.564264	457.52291	52.3	0.000159	0.00006	0.00052	12	4.3
6.59017	436.930287	458.749653	52	0.000115	0.00005	0.00018	12	4.6
6.93452	406.29631	463.391351	50	0.00008	0.00006	0.00007	12	4.7
6.8456	375.662333	433.9	49.4	0.000055	0.00006	0.00004	12	4.8
6.81106	359.700884	458.438235	45.7	0.000046	0.00005	0.00002	12	4.3
6.82648	344.527947	469.6	44.4	0.000044	0.00004	0.00001	12	3.7
6.8533	329.355011	473.1	39.1	0.000045	0.00004	0.00001	12	3.3
6.8589	314.182075	416.350955	37.4	0.000046	0.00004	0.00001	12	3.1
6.75381	305.3075	460.345499	32.3	0.000046	0.00003	0.00002	12	2.9
6.78982	296.509423	479.562611	30.6	0.000047	0.00003	0	12	2.6
6.86	287.711346	480.3	25.4	0.000047	0.00003	0	12	2.5
6.84229	278.913269	426.059406	23.7	0.000047	0.00003	0	12	2.3
6.90734	272.256364	445.983087	19	0.000047	0.00003	0	12	2.2
6.83192	266.044242	480.3	17.4	0.000047	0.00002	0	12	2.1
6.69583	259.832121	480.3	12.4	0.000047	0.00002	0	12	2
6.86799	253.62	420.122581	10.7	0.000048	0.00002	0	12	1.9
6.77153	249.549456	445.583366	6.6	0.000048	0.00002	0	12	1.8
6.85262	245.80459	480.3	5.2	0.000047	0.00002	0.00001	12	1.8
6.24255	242.059725	476.8	1.3	0.000046	0.00002	0	12	1.8
6.19643	238.314859	427.857261	0	0.000046	0.00002	0	12	1.7
6.18851	235.917414	421.504158	0	0.000045	0.00002	0	12	1.7
6.13666	234.020862	471.020128	0	0.000046	0.00002	0	12	1.7
6.08	232.12431	466.707477	0	0.000044	0.00002	0	12	1.7
6.14276	230.227759	441.245631	0	0.000044	0.00002	0	12	1.7
6.06875	233.784279	402.544662	0	0.000046	0.00002	0	12	1.7
7.45962	240.038807	457.407122	0	0.000059	0.00002	0	12	1.6
15.00447	246.293335	453.235561	0	0.000085	0.00003	0	12	1.4
20.06141	252.547863	437.395493	0	0.000179	0.00004	0.00001	12	1.1
39.82623	270.066413	378.835	2.9	0.000616	0.00009	0	12	1.1
74.87472	297.654315	426.960152	3.9	0.001371	0.00018	0	12	1.1
68.49687	325.242218	414.413505	12.3	0.000566	0.0001	0	12	1.1
29.75617	352.83012	405.252434	15.1	0.000371	0.00009	0.00005	12	1.2
70.59133	376.204523	385.036597	20.5	0.001275	0.00018	0.00006	12	1.1
85.80986	394.652511	388.655098	22.3	0.001429	0.00029	0.00001	12	1.7
64.16384	413.1005	385.2375	29.5	0.000522	0.00031	0	12	4
46.40648	431.548488	381.05	32	0.000747	0.00059	0.00001	12	5.7
89.01773	445.409831	409.543102	36.3	0.001341	0.00093	0.00011	12	6
87.37918	446.216875	380.3	37.7	0.001395	0.00106	0	12	6.9
39.74636	447.023918	380.584168	43.3	0.00038	0.0005	0.00002	12	9.7
30.1901	447.830961	383.3	45.1	0.000309	0.00059	0.00003	12	11.3

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11:18:31.434	91.5	2121
11:18:32.434	77.5	2194
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11:18:37.434	38.1	1728
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11:18:39.434	10.3	900
11:18:40.434	2.8	1417
11:18:41.434	0.2	1456
11:18:42.434	0	1438
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11:18:44.434	27.1	1415
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11:19:02.434	73.2	1485
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11:19:08.434	72.9	1492
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11:19:14.434	74.9	1494
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11:19:18.434	84.3	1486
11:19:19.434	83.5	1485
11:19:20.434	84.1	1486
11:19:21.434	85.4	1484
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11:19:23.434	92.5	1485
11:19:24.434	95.7	1481
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11:19:26.434	96.9	1488
11:19:27.434	93.6	1489
11:19:28.434	92.8	1495
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11:19:30.434	86.2	1505
11:19:31.434	79.2	1509
11:19:32.434	75	1507
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52.94727	448.792343	415.611504	47.7	0.000709	0.00096	0	12	10.9
52.64075	450.50195	383.556441	48.6	0.000923	0.00093	0	12	9.5
39.01244	452.211558	386.294352	51.2	0.00044	0.0004	0	12	7.9
17.85636	453.921165	386.4	52.1	0.000299	0.00027	0	12	6.2
34.20118	455.334956	412.545404	53.4	0.000378	0.00023	0	12	4.4
23.29775	440.610275	386.266955	53.9	0.000413	0.00018	0	12	3.8
15.97665	425.885595	383.3	54.8	0.000297	0.0001	0	12	3.3
7.46768	411.160914	382.618182	55.1	0.000168	0.00005	0	12	2.9
6.48519	396.436234	385.69	55.1	0.000132	0.00004	0	12	2.7
10.84286	364.246988	381.983185	55.1	0.000119	0.00003	0	12	2
20.76219	331.138554	380.3	54.2	0.000118	0.00004	0	12	1.6
24.35986	298.03012	379.921951	53.9	0.000132	0.00006	0	12	1.4
16.10186	264.921687	348.256155	52.8	0.000045	0.00003	0	12	1.1
10.21161	265.867301	358.484259	52.5	0.000019	0.00002	0	12	1
16.01501	275.326426	375.022036	51.7	0.000029	0.00002	0	12	0.9
14.30429	284.785552	374.1	51.4	0.000065	0.00002	0	12	0.8
10.59222	294.244678	355.377	51.4	0.000112	0.00002	0	12	0.8
22.9867	321.102024	353.021154	51.4	0.000277	0.00003	0.00001	12	0.8
35.60754	353.727887	365.857389	51.8	0.000587	0.00005	0.0001	12	0.8
15.25638	386.353751	362.034483	51.9	0.0004	0.00003	0.00004	12	0.8
11.94664	418.979615	369.369677	53.4	0.000244	0.00002	0	12	0.8
11.47173	413.067767	373.267318	53.9	0.000174	0.00002	0.00003	12	0.8
11.4634	390.560995	356.586944	54.5	0.000143	0.00002	0.00002	12	0.8
11.59714	368.054223	355.4	54.7	0.000134	0.00002	0.00005	12	0.8
11.67324	345.547451	352.576761	54.7	0.000131	0.00002	0.00006	12	0.8
11.8634	336.94507	348.394103	54.7	0.00013	0.00001	0.00007	12	0.8
12.05282	336.232014	350.777669	54.5	0.000142	0.00002	0.00007	12	0.8
14.4845	335.518957	349	54.5	0.000179	0.00002	0.00006	12	0.8
16.59053	334.805901	348.659238	54.3	0.000224	0.00002	0.00005	12	0.8
17.46651	342.322471	343.505338	54.2	0.000258	0.00002	0.00003	12	0.8
18.27556	356.02207	346.1	54.2	0.000281	0.00002	0.00004	12	0.8
19.02916	369.721669	344.686202	54.2	0.000309	0.00003	0.00001	12	0.8
19.61184	383.421269	343.2	54	0.000333	0.00003	0.00005	12	0.8
20.3748	395.726232	363.701976	53.9	0.000352	0.00003	0.00004	12	0.8
20.23828	405.199663	343.2	53.9	0.000365	0.00003	0.00002	12	0.8
20.43735	414.673094	343.2	53.9	0.000367	0.00003	0.00004	12	0.8
20.1543	424.146526	343.2	53.9	0.000366	0.00003	0.00003	12	0.8
20.55915	432.275268	385.651137	53.9	0.000369	0.00003	0.00003	12	0.8
20.1866	433.885024	340.3	54	0.000361	0.00003	0.00001	12	0.8
20.11174	435.49478	340.3	54	0.000354	0.00003	0.00003	12	0.8
20.20803	437.104537	340.3	54.1	0.000349	0.00003	0.00005	12	0.8
20.23293	438.713161	383.017852	54.1	0.000354	0.00003	0.00004	12	0.8
20.24	440.306979	348.197544	54.2	0.000353	0.00003	0.00006	12	0.8
20.39582	441.900797	343.2	54.2	0.000359	0.00003	0.00002	12	0.8
21.11595	443.494615	343.2	54	0.000373	0.00003	0.00002	12	0.8
22.13815	445.088433	377.539515	53.9	0.000387	0.00003	0	12	0.8
22.32396	451.772188	355.612169	54.4	0.000404	0.00003	0.00003	12	0.8
23.3758	458.839058	343.2	54.5	0.000428	0.00003	0.00002	12	0.8
23.24847	465.905927	343.2	53.9	0.000449	0.00003	0.00001	12	0.8
23.95814	472.972796	392.238108	53.7	0.000476	0.00003	0.00002	12	0.8
23.79195	483.359701	358.599011	53.7	0.000491	0.00003	0	12	0.8
26.13133	493.807463	346.1	53.7	0.00052	0.00004	0	12	0.8
25.71088	504.255224	349	53.7	0.000533	0.00004	0	12	0.8
26.46548	514.702985	393.3875	53.7	0.000553	0.00004	0.00006	12	0.8
26.45961	521.209302	379.774583	53.7	0.000558	0.00004	0.00002	12	0.8
26.83856	526.896866	354.767888	53.7	0.000564	0.00004	0.00003	12	0.8
25.43362	532.584429	355.732882	53.7	0.00055	0.00004	0.00006	12	0.8
25.00666	538.271992	408.327971	53.7	0.00054	0.00004	0.00002	12	0.8
24.5195	531.209858	388.29902	54.1	0.000525	0.00003	0.00005	12	0.8
23.50667	522.276209	365.710402	54.3	0.00049	0.00003	0.00001	12	0.8
21.99737	513.342559	367.7	54.6	0.000466	0.00003	0.00001	12	0.8
21.39313	504.40891	389.149714	54.7	0.000424	0.00003	0	12	0.8
21.19973	492.486217	406.718614	54.8	0.000381	0.00003	0	12	0.8

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11:19:41.434	53.8	1514
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11:19:43.434	51.5	1509
11:19:44.434	59.3	1508
11:19:45.434	61.3	1500
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11:19:47.434	61.7	1495
11:19:48.434	63.1	1495
11:19:49.434	63.1	1492
11:19:50.434	63.7	1493
11:19:51.434	65.6	1495
11:19:52.434	66.7	1493
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11:19:54.434	67	1491
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11:20:00.434	67.5	1494
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11:20:20.434	48.9	1506
11:20:21.434	48.8	1506
11:20:22.434	44.2	1509
11:20:23.434	42.6	1510
11:20:24.434	41.4	1507
11:20:25.434	32.3	1514
11:20:26.434	19.7	1515
11:20:27.434	18.1	1516
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11:20:31.434	18.7	1510
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11:20:33.434	25.9	1501
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11:20:36.434	49.7	1486

19.61571	478.968145	375.56634	54.8	0.000337	0.00003	0	12	0.8
18.40388	465.450072	377.2	54.9	0.000305	0.00002	0	12	0.7
17.97375	451.932	380.098647	54.9	0.000273	0.00002	0.00001	12	0.7
15.53759	437.909904	401.10038	55.1	0.000243	0.00002	0	12	0.7
14.04288	423.387799	380.3	55.1	0.000207	0.00002	0.00002	12	0.7
12.02651	408.865695	380.3	55.5	0.000184	0.00001	0.00001	12	0.7
11.72317	394.343591	380.308579	55.6	0.000176	0.00001	0.00001	12	0.7
11.78973	382.298765	382.478143	54.9	0.000173	0.00001	0.00003	12	0.7
11.74334	373.245267	379.471107	54.7	0.000173	0.00001	0.00005	12	0.7
11.57727	364.19177	377.2	54.9	0.000174	0.00001	0.00008	12	0.7
12.62265	355.138272	377.2	54.9	0.000183	0.00001	0.00009	12	0.7
13.86815	349.521722	363.885949	54.7	0.00021	0.00002	0.00011	12	0.7
15.16228	351.141975	374.1	54.7	0.000229	0.00002	0.00005	12	0.7
15.65101	352.762228	374.1	54.4	0.000244	0.00002	0.00004	12	0.7
16.30095	354.382481	371.131325	54.3	0.000249	0.00002	0.00002	12	0.7
17.47089	357.042985	364.055666	54.6	0.000256	0.00002	0.00002	12	0.6
17.61955	361.459613	367.7	54.7	0.000258	0.00002	0.00003	12	0.7
17.05984	365.87624	366.939923	54.2	0.000258	0.00002	0.00001	12	0.7
16.71979	370.292867	364.6	54	0.000266	0.00002	0.00002	12	0.7
17.88619	374.626431	367.72	54.2	0.000277	0.00002	0	12	0.7
18.12926	378.441144	361.668583	54.3	0.000285	0.00002	0.00004	12	0.7
18.0802	382.255858	358.539941	54.2	0.000287	0.00002	0.00001	12	0.7
18.06843	386.070572	355.4	54.2	0.000287	0.00002	0.00003	12	0.8
18.23804	389.909321	370.656715	54.2	0.000292	0.00002	0.00003	12	0.8
18.07935	393.962006	355.061706	54.2	0.000302	0.00002	0.00001	12	0.8
18.24576	398.014691	351.857105	54.4	0.000303	0.00003	0.00005	12	0.9
18.28774	402.067376	349	54.4	0.000302	0.00003	0.00003	12	0.9
18.93002	406.236006	376.927143	54.3	0.000316	0.00003	0.00005	12	0.9
19.58919	411.046501	349.448413	54.2	0.000332	0.00003	0.00003	12	0.9
19.93934	415.856997	346.188571	54.2	0.000343	0.00003	0.00003	12	0.9
20.11778	420.667493	346.1	54.2	0.000351	0.00004	0.00003	12	1
20.85498	425.417643	378.662482	54	0.000365	0.00004	0.00001	12	1.1
21.28685	428.597179	351.834638	54	0.000371	0.00004	0.00002	12	1.1
20.6914	431.776715	346.1	54	0.000361	0.00004	0	12	1.1
20.04393	434.956251	346.1	54	0.000356	0.00004	0	12	1.1
20.12255	438.135788	372.360593	54.1	0.000342	0.00004	0	12	1.1
19.36485	434.455986	360.601731	54.2	0.000331	0.00004	0	12	1.1
18.66176	429.603511	346.1	54.3	0.000312	0.00004	0	12	1.1
18.85824	424.751036	346.1	54.4	0.000299	0.00004	0.00001	12	1.1
17.88094	419.898561	361.324251	54.4	0.000295	0.00003	0.00003	12	1.1
21.42046	422.909542	361.066105	54.4	0.00039	0.00005	0.00001	12	1.1
20.57626	428.499904	346.1	54.4	0.000335	0.00004	0.00004	12	1.1
18.70988	434.090265	346.1	54.4	0.000293	0.00004	0	12	1.1
18.11266	439.680627	350.340328	54.5	0.000323	0.00004	0.00118	12	1.1
18.02	463.789332	372.767269	54.5	0.000395	0.00004	0.0127	12	1.1
17.40857	500.090048	349	54.5	0.000408	0.00004	0.01745	12	1.1
16.14277	536.390764	349	54.5	0.000398	0.00003	0.01457	12	1.1
15.62516	572.69148	349	54.7	0.000377	0.00003	0.01224	12	1.2
14.35266	597.069092	436.819817	54.8	0.000358	0.00003	0.01123	12	1.2
13.39096	604.500309	355.4	54.7	0.000334	0.00003	0.01038	12	1.2
12.17503	611.931525	357.372	54.7	0.000307	0.00003	0.00976	12	1.2
12.30928	619.362741	372.176305	55	0.000292	0.00003	0.00879	12	1.1
11.48378	600.335407	436.972414	55.1	0.00027	0.00002	0.00642	12	1.1
11.1741	557.273206	366.187953	55	0.000241	0.00002	0.00362	12	1.1
11.49008	514.211005	369.777704	55	0.000224	0.00002	0.00183	12	1.2
11.82921	471.148804	379.39838	54.8	0.000172	0.00002	0.0008	12	1.2
11.63092	436.252326	402.804416	54.8	0.000124	0.00002	0.00027	12	1.2
11.57209	407.956351	385.51472	54.8	0.000098	0.00002	0.00013	12	1.2
11.53761	379.660376	391.09389	54.8	0.000085	0.00002	0.00005	12	1.2
11.4408	351.364401	395.538678	54.8	0.00008	0.00002	0.00004	12	1.2
11.5968	334.5	377.706296	54.8	0.000078	0.00002	0.00003	12	1.2
13.59921	334.5	407.418452	54.6	0.000113	0.00003	0.00005	12	1.2
17.3276	334.5	414.575	54.5	0.000178	0.00004	0.00006	12	1.2

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11:20:46.434	50.9	1493
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11:20:50.434	52.8	1487
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11:20:52.434	51.7	1487
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11:20:54.434	50.7	1490
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11:20:58.434	50.2	1496
11:20:59.434	50.5	1496
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11:21:09.434	65	1501
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11:21:11.434	69.5	1495
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11:21:13.434	69.7	1494
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11:21:17.434	68.2	1500
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11:21:20.434	63.5	1503
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17.28534	334.5	420.97661	53.9	0.000203	0.00004	0.00003	12	1.1
17.03107	345.608717	382.925161	53.7	0.000256	0.00003	0.00028	12	1.1
18.23389	397.518609	432.4	54.2	0.000343	0.00004	0.00595	12	1.2
17.91192	449.428501	435.73971	54.3	0.000404	0.00005	0.0133	12	1.4
18.40156	501.338394	438.6	54	0.000423	0.00005	0.01392	12	1.5
17.83938	549.02743	490.504143	53.9	0.000422	0.00005	0.01316	12	1.5
18.68169	568.469201	443.658681	54	0.000423	0.00005	0.01253	12	1.5
15.91322	587.910972	441.9	54	0.000409	0.00005	0.01175	12	1.5
16.67187	607.352743	445.2	54.2	0.000403	0.00005	0.01101	12	1.4
17.03445	626.794514	507.923333	54.3	0.000409	0.00005	0.01161	12	1.4
18.67397	633.030755	464.340177	54.3	0.00043	0.00005	0.01254	12	1.4
19.40493	638.914487	445.2	54.3	0.000442	0.00005	0.01335	12	1.4
19.44769	644.798218	448.5	54.2	0.00046	0.00005	0.01445	12	1.4
20.70507	650.68195	485.497684	54.2	0.000478	0.00005	0.01673	12	1.4
20.72955	653.909993	497.627647	54.1	0.00049	0.00006	0.02115	12	1.5
21.28364	656.042751	457.659028	54.1	0.000502	0.00006	0.02518	12	1.5
20.926	658.175509	461.797628	54	0.000513	0.00007	0.02836	12	1.8
20.73132	660.308267	477.977286	53.9	0.000514	0.00009	0.03084	12	2.3
21.26833	661.914792	532.590634	54	0.000516	0.00013	0.03154	12	3.2
21.06021	663.063936	478.320833	54	0.000514	0.00017	0.03189	12	4.3
20.42866	664.213081	485.141897	53.9	0.0005	0.00019	0.0304	12	4.9
20.44405	665.362225	492.755677	53.9	0.000494	0.0002	0.02782	12	5.2
20.16212	653.158295	557.922255	54.1	0.000483	0.0002	0.02586	12	5.3
19.87647	624.300531	502.329871	54.2	0.000453	0.00018	0.02443	12	5.2
18.59233	595.442767	506.469426	54.3	0.000415	0.00017	0.01617	12	5.2
18.29533	566.585004	514.12633	54.3	0.000396	0.00017	0.00682	12	5.4
18.05827	539.646429	530.466527	54.5	0.000388	0.00018	0.00248	12	5.7
17.82357	517.101786	524.530558	54.5	0.000384	0.00018	0.00078	12	5.7
17.62705	494.557143	527.6	54.4	0.000371	0.00017	0.00031	12	5.5
17.17705	472.0125	527.6	54.4	0.000326	0.00015	0.00016	12	5.2
17.26068	453.789819	495.646374	54.3	0.000298	0.00014	0.00009	12	4.9
16.72489	447.134741	523.158546	54.3	0.000285	0.00014	0.00011	12	4.7
17.30374	440.479662	519.271255	54.3	0.000283	0.00013	0.00006	12	4.3
17.82205	433.824584	513.902458	54.3	0.000292	0.00012	0.00008	12	4
18.6288	428.8	471.570506	54.2	0.000299	0.00011	0.00004	12	3.7
18.20872	428.8	500.774827	54.1	0.000306	0.00011	0.00004	12	3.5
18.39005	428.8	493.717437	54.2	0.000309	0.00011	0.00003	12	3.3
18.38937	428.8	485.8	54.2	0.000313	0.0001	0.00001	12	3.1
18.5138	428.752703	457.768794	54.3	0.000313	0.0001	0.00001	12	3
18.45011	427.892752	467.380822	54.3	0.000315	0.00009	0	12	2.9
18.4667	427.032801	463.6579	53.6	0.000308	0.00009	0	12	2.8
17.86273	426.17285	454.640374	53.4	0.000304	0.00009	0	12	2.8
17.84317	425.312899	441.463183	54	0.000294	0.00008	0	12	2.8
17.63298	420.55359	440.885149	54.2	0.000283	0.00008	0	12	2.7
16.62229	415.734899	436.935951	54.3	0.000265	0.00007	0.00001	12	2.7
15.82328	410.916208	431.676596	54.4	0.000257	0.00007	0.00002	12	2.6
15.67615	406.097518	421.774757	54.5	0.000254	0.00007	0.00001	12	2.5
15.57811	400.174258	417.684118	54.5	0.000249	0.00006	0	12	2.4
15.72583	394.094644	418.7	54.5	0.000245	0.00006	0	12	2.4
15.52918	388.01503	412.760881	54.5	0.000246	0.00006	0	12	2.4
16.01716	381.935416	405.190157	54.3	0.000245	0.00006	0	12	2.3
15.39911	377.531862	400.777745	54.3	0.000235	0.00006	0.00001	12	2.3
15.26437	373.74508	403.671709	54.5	0.000232	0.00006	0.00003	12	2.3
15.31063	369.958297	399.348387	54.5	0.000229	0.00006	0.00002	12	2.2
15.25019	366.171515	395.02344	54.5	0.000228	0.00006	0.00003	12	2.2
14.91331	362.769084	386.682407	54.5	0.000222	0.00006	0	12	2.2
14.84093	359.639313	392.6	54.4	0.000213	0.00005	0.00001	12	2.2
14.53084	356.509542	390.176216	54.4	0.0002	0.00005	0	12	2.2
13.26798	353.379771	381.477113	54.4	0.000191	0.00005	0.00001	12	2.2
13.68482	350.841952	376.113222	54.4	0.00019	0.00005	0.00001	12	2.2
13.7895	348.615925	381.735644	54.5	0.000199	0.00005	0	12	2.1
13.67314	346.389897	380.3	54.5	0.0002	0.00005	0	12	2
13.44197	344.16387	379.091456	54.4	0.000202	0.00004	0	12	1.9

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0	0.1022
0	0.10224

11:21:40.434	60.6	1498
11:21:41.434	59.9	1498
11:21:42.434	58.7	1499
11:21:43.434	57.7	1499
11:21:44.434	58.9	1501
11:21:45.434	59.8	1499
11:21:46.434	58.5	1500
11:21:47.434	58.6	1498
11:21:48.434	58.7	1498
11:21:49.434	58.2	1502
11:21:50.434	58.6	1505
11:21:51.434	56.1	1503
11:21:52.434	57	1500
11:21:53.434	58.4	1500
11:21:54.434	59.1	1498
11:21:55.434	63.8	1495
11:21:56.434	66.1	1490
11:21:57.434	67.5	1485
11:21:58.434	67.5	1485
11:21:59.434	71.9	1483
11:22:00.434	75	1484
11:22:01.434	74.5	1485
11:22:02.434	71.9	1486
11:22:03.434	71.7	1492
11:22:04.434	72	1490
11:22:05.434	73.3	1491
11:22:06.434	72.5	1492
11:22:07.434	71.3	1493
11:22:08.434	69.6	1497
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11:22:11.434	62.8	1500
11:22:12.434	64.2	1501
11:22:13.434	63.7	1500
11:22:14.434	63.5	1500
11:22:15.434	63.5	1499
11:22:16.434	64.4	1498
11:22:17.434	65.8	1499
11:22:18.434	66.4	1498
11:22:19.434	66.6	1497
11:22:20.434	66.9	1498
11:22:21.434	67.4	1497
11:22:22.434	68.1	1499
11:22:23.434	68.3	1497
11:22:24.434	72.6	1496
11:22:25.434	48.3	1327
11:22:26.434	17	897
11:22:27.434	18.6	897
11:22:28.434	20.9	896
11:22:29.434	21.6	899
11:22:30.434	21.6	901
11:22:31.434	22	900
11:22:32.434	21.8	900
11:22:33.434	21.4	901
11:22:34.434	21.2	897
11:22:35.434	21.9	897
11:22:36.434	21.2	898
11:22:37.434	21.7	899
11:22:38.434	21.2	900
11:22:39.434	21.2	900
11:22:40.434	21.5	900
11:22:41.434	21.8	901
11:22:42.434	21.6	899

13.69367	342.815907	365.732745	54.4	0.000202	0.00004	0	12	2
13.89382	342.138496	374.1	53.4	0.000207	0.00004	0	12	2
13.9697	341.461084	372.539767	53.1	0.000206	0.00004	0	12	1.9
12.89004	340.783672	370.8	53.9	0.000199	0.00004	0	12	1.9
13.05897	339.896497	355.876304	54.2	0.000191	0.00004	0.00001	12	1.8
12.8179	338.485648	367.081202	54.3	0.000193	0.00004	0.00003	12	1.8
13.18384	337.074799	364.6	54.3	0.00019	0.00004	0.00003	12	1.8
12.14215	335.66395	362.909091	54.3	0.000184	0.00003	0.00005	12	1.7
12.26163	334.125871	348.190858	54.3	0.000177	0.00003	0.00004	12	1.7
11.6113	331.987989	360.914703	54.4	0.000177	0.00003	0.00003	12	1.7
11.82729	329.850108	358.4	54.4	0.00018	0.00003	0.00002	12	1.6
11.8	327.712227	357.262661	54.4	0.00018	0.00003	0.00004	12	1.6
11.70565	325.6	343.57195	54.4	0.000178	0.00003	0.00006	12	1.6
11.7926	325.6	355.4	54.4	0.000182	0.00003	0.00006	12	1.6
11.75783	325.6	355.4	54.4	0.000185	0.00003	0.00009	12	1.6
14.82729	325.6	352.3	54.4	0.000222	0.00004	0.00008	12	1.6
16.034	326.075589	341.082292	54.4	0.000243	0.00004	0.00009	12	1.6
17.46354	336.414489	347.686984	54.3	0.000259	0.00004	0.00005	12	1.5
18.64376	346.753389	349	54.3	0.000283	0.00005	0.00003	12	1.5
19.72787	357.092289	346.1	54.1	0.000309	0.00005	0.00001	12	1.5
20.14241	367.431189	353.532633	54	0.000338	0.00005	0	12	1.5
20.69368	379.393503	345.985982	53.8	0.000356	0.00005	0.00001	12	1.5
20.46138	391.399153	343.2	53.7	0.00036	0.00005	0	12	1.5
20.46266	403.404802	343.2	53.9	0.000358	0.00005	0.00001	12	1.5
20.32786	415.410452	357.545	54	0.000354	0.00005	0	12	1.4
20.17467	419.843034	359.836858	54	0.000359	0.00005	0	12	1.3
20.64926	421.417462	343.2	54	0.000357	0.00005	0	12	1.3
20.31676	422.991889	343.2	54.1	0.00035	0.00004	0	12	1.3
19.26507	424.566317	349.240054	54.1	0.00033	0.00004	0	12	1.3
18.67862	423.079486	369.004022	54.3	0.000307	0.00004	0	12	1.1
18.1609	418.92122	343.2	54.3	0.000292	0.00003	0	12	1.1
17.71857	414.762954	343.2	54.7	0.00028	0.00003	0	12	1.1
17.39224	410.604688	348.977531	54.8	0.000276	0.00003	0	12	1
16.90635	407.452381	362.944314	53.8	0.000272	0.00003	0	12	1
17.12499	405.071429	343.2	53.5	0.000276	0.00003	0	12	1
17.30254	402.690476	343.2	54.4	0.000276	0.00003	0	12	1
17.13765	400.309524	343.2	54.7	0.000276	0.00003	0	12	1
17.38285	398.8	365.335509	54.5	0.000284	0.00003	0	12	1
17.35166	398.8	343.2	54.4	0.000287	0.00003	0	12	1
17.53746	398.8	343.2	54.4	0.000288	0.00003	0	12	1
17.79646	398.8	343.2	54.4	0.000292	0.00003	0	12	1
17.64637	399.22574	370.618057	54.4	0.000294	0.00003	0	12	1
18.22695	401.672523	343.336408	54.4	0.000299	0.00003	0	12	1
17.91582	404.119305	343.2	54.4	0.000308	0.00003	0	12	1
19.52593	406.566088	343.2	54.4	0.000314	0.00003	0	12	1
9.07344	406.876666	372.233493	54.4	0.0002	0.00002	0	12	1
6.46735	384.769377	346.187659	54.4	0.000161	0.00002	0	12	1
6.59284	362.662088	343.2	53.7	0.000134	0.00001	0	12	1
6.74	340.554799	343.2	53.5	0.000101	0.00001	0	12	1
6.90793	318.44751	334.365423	52.4	0.000077	0.00001	0	12	1.1
6.84936	307.125156	340.77984	52	0.000068	0.00001	0	12	1.1
6.64509	296.61457	343.2	51	0.000062	0.00001	0	12	1.1
6.73492	286.103985	342.614798	50.7	0.000059	0.00001	0	12	1.1
6.81708	275.5934	318.741749	49.9	0.000055	0.00001	0	12	1.1
6.82579	268.417634	333.914468	49.6	0.000052	0.00001	0	12	1.1
6.87207	261.551659	340.3	48.6	0.000051	0.00001	0	12	1.1
6.67599	254.685685	340.3	48.3	0.00005	0.00001	0	12	1.2
6.8533	247.819711	308.355072	47.4	0.000049	0.00001	0	12	1.2
6.81328	244.000097	330.657017	47.1	0.000049	0.00001	0	12	1.2
6.75112	240.281188	338.055206	46.1	0.00005	0.00001	0	12	1.2
6.85964	236.56228	337.4	45.7	0.00005	0.00001	0	12	1.2
6.95246	232.843371	309.672286	44.9	0.000049	0.00002	0	12	1.3
6.8848	230.171398	318.668527	44.7	0.000048	0.00002	0	12	1.3

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11:22:43.434	21.6	900
11:22:44.434	21.2	902
11:22:45.434	21.7	898
11:22:46.434	20.7	900
11:22:47.434	20.9	901
11:22:48.434	20.1	900
11:22:49.434	18.9	901
11:22:50.434	6.1	1026
11:22:51.434	0	1530
11:22:52.434	11.3	1881
11:22:53.434	34.9	1836
11:22:54.434	45.4	1848
11:22:55.434	53	1880
11:22:56.434	56.2	1910
11:22:57.434	56.1	1937
11:22:58.434	57.3	1977
11:22:59.434	56.7	2020
11:23:00.434	51.4	2060
11:23:01.434	29.3	2084
11:23:02.434	12.9	2080
11:23:03.434	5.6	2070
11:23:04.434	11.8	2075
11:23:05.434	8.5	2090
11:23:06.434	3.3	2094
11:23:07.434	0	2090
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11:23:14.434	21.3	905
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11:23:16.434	22.9	898
11:23:17.434	22	900
11:23:18.434	21.6	903
11:23:19.434	21.6	899
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11:23:21.434	21.6	900
11:23:22.434	22	901
11:23:23.434	22.7	899
11:23:24.434	22	903
11:23:25.434	29.9	952
11:23:26.434	47.9	1141
11:23:27.434	41.2	1265
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11:23:29.434	33.5	1186
11:23:30.434	33.2	1247
11:23:31.434	33.6	1304
11:23:32.434	24.1	1347
11:23:33.434	32.4	1382
11:23:34.434	37.6	1475
11:23:35.434	37.6	1563
11:23:36.434	12.4	1531
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11:23:42.434	22.5	793
11:23:43.434	26.1	787
11:23:44.434	28.6	798
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6.7266	227.718433	337.4	43.8	0.000048	0.00001	0	12	1.3
6.75441	225.265468	337.4	43.5	0.000047	0.00001	0	12	1.3
6.74	222.812503	320.988	42.3	0.000047	0.00001	0	12	1.2
6.78545	220.363885	304.261721	41.9	0.000047	0.00001	0	12	1.2
6.79771	217.917842	332.976667	40.1	0.000047	0.00001	0	12	1.2
6.83744	215.471799	331.4	39.5	0.000047	0.00001	0	12	1.2
6.87224	213.025755	330.652913	37.7	0.000047	0.00001	0	12	1.2
7.60504	208.890324	289.186129	37.1	0.000052	0.00001	0	12	1.1
11.45737	202.755661	328.5	35.5	0.000097	0.00003	0	12	1.1
14.20141	196.620998	327.016794	35	0.000089	0.00003	0	12	1.2
14.48717	190.486334	325.6	32.4	0.000065	0.00003	0	12	1.2
19.51822	198.091136	273.333888	31.5	0.000113	0.00004	0	12	1.2
19.32516	222.624921	319.035945	30.7	0.000184	0.00004	0	12	1.2
18.49416	247.158707	315.824963	30.4	0.000225	0.00004	0	12	1.1
18.84494	271.692492	314	31.2	0.000256	0.00004	0	12	1.1
20.08097	288.83555	301.051304	31.5	0.000278	0.00004	0	12	1.1
19.31066	290.20091	308.1	32.2	0.000267	0.00004	0	12	1.1
16.78155	291.566271	306.388498	32.5	0.000244	0.00003	0	12	1.1
15.8871	292.931631	305	33.6	0.000238	0.00003	0	12	1.1
15.71952	285.977575	298.765179	33.9	0.000212	0.00003	0.00011	12	1.1
15.50163	264.487398	302.1	34.4	0.000159	0.00003	0.00015	12	1.2
15.85649	242.997221	302.1	34.5	0.000101	0.00003	0.00003	12	1.2
16.31486	221.507044	300.596842	34.3	0.000067	0.00003	0	12	1.2
15.56091	201.683732	253.439342	34.3	0.000064	0.00003	0	12	1.2
21.36338	188.966532	298.74184	34.5	0.000096	0.00006	0	12	1.2
35.66088	176.249333	296.6	34.6	0.000079	0.00007	0	12	1.1
34.36224	163.532133	294.769552	34.5	0.000045	0.00007	0	12	1.2
30.5274	153.6	226.706874	34.4	0.000026	0.00007	0	12	1.2
19.14858	153.6	290.724756	31.1	0.000011	0.00003	0	12	1.1
6.55889	153.6	287.662665	30	0.000005	0.00001	0	12	1.1
6.94092	153.6	285.7	25	0.000005	0.00001	0	12	1
6.81817	154.626644	225.529822	23.4	0.000005	0.00001	0	12	1
6.90793	158.733219	285.488603	18.6	0.000005	0.00001	0	12	1
6.69304	162.839795	282.725676	17.1	0.000007	0.00001	0	12	1
6.796	166.94637	280.1	14.8	0.000015	0.00001	0	12	1
6.69578	170.764383	226.011806	14	0.000026	0.00001	0	12	1
6.87657	173.056099	274.094371	13.3	0.000034	0.00001	0	12	1
6.79022	175.347816	274.7	13.1	0.000039	0.00001	0	12	1.1
6.67257	177.639532	274.7	11.9	0.000042	0.00001	0	12	1.1
6.80126	179.931249	238.991201	11.5	0.000044	0.00001	0	12	1.1
6.87222	180.539019	262.882061	10.4	0.000045	0.00001	0	12	1.2
6.86349	181.094709	269.882353	10	0.000045	0.00001	0	12	1.2
7.10779	181.650399	269.192988	7.2	0.000051	0.00002	0	12	1.2
9.71707	182.206088	244.352496	6.3	0.000057	0.00002	0	12	1.2
9.80996	188.317586	250.309676	5.4	0.000058	0.00002	0	12	1.2
8.58524	195.558966	263.8	5.1	0.000064	0.00002	0	12	1.2
8.73533	202.800345	261.1	5.9	0.000078	0.00002	0	12	1.3
9.48296	210.041724	249.33662	6.1	0.000089	0.00002	0	12	1.3
9.96648	212.649783	248.799029	6.5	0.000096	0.00002	0.00001	12	1.3
10.17851	213.881667	256.69367	6.6	0.000102	0.00002	0.00001	12	1.3
10.16519	215.113551	255.5	7.3	0.000106	0.00002	0.00002	12	1.3
11.19275	216.345435	248.23662	7.5	0.00011	0.00002	0.00002	12	1.3
11.84157	212.9059	243.094118	7.8	0.000116	0.00003	0.00004	12	1.3
11.82738	206.734584	252.8	7.9	0.000125	0.00003	0.00004	12	1.3
9.85655	200.563268	252.8	8.5	0.000118	0.00002	0.00005	12	1.3
8.54366	194.391953	248.51424	8.7	0.000098	0.00002	0.00006	12	1.3
6.47253	191.464901	232.638578	6.5	0.000068	0.00002	0.00003	12	1.3
6.5591	190.887145	250.1	5.8	0.000047	0.00002	0.00002	12	1.3
6.11804	190.309389	250.1	1.4	0.000034	0.00002	0	12	1.4
6.34955	189.731632	250.1	0	0.000029	0.00002	0	12	1.4
6.10329	190.144059	226.181943	0	0.00003	0.00002	0	12	1.4
6.31636	191.890677	247.6	0	0.000032	0.00001	0	12	1.4
6.41453	193.637294	247.6	0	0.000037	0.00001	0	12	1.3

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11:24:02.434	67.8	2118
11:24:03.434	65	2153
11:24:04.434	76.2	2181
11:24:05.434	60.2	2214
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11:24:46.434	58.9	1474
11:24:47.434	59.4	1476
11:24:48.434	62.7	1481

6.35149	195.383911	247.6	0	0.000045	0.00002	0	12	1.3
9.79613	207.150429	226.861199	0	0.000069	0.00002	0	12	1.3
14.87222	236.653002	247.6	0	0.000123	0.00003	0	12	1.3
21.84791	266.155575	247.6	2.8	0.000248	0.00005	0	12	1.3
30.942	295.658148	247.6	3.7	0.000503	0.00008	0	12	1.4
59.49115	317.855294	278.412133	8.8	0.000882	0.00014	0	12	1.4
71.25987	321.267059	250.364966	10.5	0.000975	0.00019	0	12	1.4
28.38882	324.678824	253.0916	16.4	0.000326	0.00008	0	12	1.5
27.11304	328.090588	255.5	18.3	0.000242	0.00007	0	12	1.5
54.72533	332.367669	287.079901	20.6	0.000599	0.00012	0	12	1.4
60.37827	364.623289	266.055357	21.3	0.001017	0.00017	0.00002	12	1.4
65.73225	396.878909	266.027445	25.9	0.001148	0.00021	0	12	1.6
68.13357	429.134529	272.653226	27.5	0.000911	0.00019	0	12	1.7
23.15446	458.751878	355.95525	31.6	0.000281	0.00007	0	12	1.7
31.05096	453.848744	297.077255	33	0.000269	0.00009	0	12	1.8
34.16944	448.945611	290.781881	33.3	0.000448	0.00012	0	12	1.8
42.93585	444.042478	294.233854	33.4	0.000584	0.00012	0	12	1.8
31.27219	439.139345	336.730435	34.4	0.000511	0.0001	0	12	1.8
29.16798	469.309406	313.405435	34.8	0.000519	0.0001	0.00143	12	1.7
28.79285	503.814356	301.543323	35.6	0.000627	0.00009	0.01645	12	1.7
29.82213	538.319307	305.239183	35.9	0.000667	0.00009	0.03142	12	1.6
22.48364	572.824257	383.985877	36.8	0.000549	0.00007	0.02393	12	1.6
18.67308	541.867669	358.053196	37.1	0.000414	0.00005	0.01177	12	1.6
17.89146	499.359044	320.721176	37.3	0.000329	0.00005	0.0052	12	1.6
16.13441	456.850419	328.421029	37.4	0.000204	0.00005	0.00174	12	1.6
17.50827	414.341794	347.61379	36.4	0.000144	0.00004	0.00064	12	1.4
27.3912	391.720427	353.956624	36.1	0.000214	0.00005	0.00034	12	1.2
22.99115	374.321977	348.654652	36.2	0.000262	0.00005	0.00015	12	1.2
18.23218	356.923527	354.710658	36.2	0.000179	0.00004	0.00009	12	1.2
18.32865	339.525076	357.049718	36.9	0.000158	0.00004	0.00009	12	1.2
14.06224	331.4	353.062929	37.1	0.000132	0.00003	0.00006	12	1.2
13.85822	331.4	365.771259	37.9	0.000142	0.00003	0.00009	12	1.2
22.29307	331.4	367.7	38.1	0.000195	0.00004	0.00008	12	1.2
24.04849	331.4	367.389301	39.1	0.000306	0.00005	0.00004	12	1.1
30.18396	350.786896	354.179624	39.5	0.000505	0.00007	0	12	1.1
33.377	391.948033	363.678295	41.6	0.000565	0.00008	0	12	1.3
29.38285	433.109171	360.311462	42.3	0.000538	0.00007	0.00039	12	1.3
30.00491	474.270308	358.4	44.9	0.000615	0.00007	0.01127	12	1.2
29.60622	512.992892	425.141238	45.8	0.000689	0.00007	0.02846	12	1.2
29.3802	544.438675	358.4	47.3	0.00071	0.00007	0.03389	12	1.2
27.7765	575.884458	358.693684	47.8	0.000684	0.00007	0.03072	12	1.3
24.87394	607.330241	361.5	49.2	0.000642	0.00007	0.02478	12	1.3
22.6499	632.092012	487.50024	49.6	0.000554	0.00006	0.01806	12	1.3
19.01462	597.359463	375.446885	50.6	0.000448	0.00005	0.01512	12	1.3
10.17394	562.626913	380.12947	50.9	0.000313	0.00003	0.00826	12	1.3
12.61977	527.894363	382.099866	50.5	0.000244	0.00003	0.00386	12	1.3
12.61021	493.161813	422.591155	50.4	0.000186	0.00003	0.00157	12	1.4
12.16852	466.892277	406.518057	50	0.000132	0.00003	0.0006	12	1.4
17.13831	441.240213	398.233913	49.8	0.000146	0.00003	0.00025	12	1.3
18.64422	415.588149	407.027199	49.5	0.000214	0.00005	0.00016	12	1.3
20.83916	389.936085	405.277087	49.4	0.000271	0.00005	0.00004	12	1.3
18.30475	416.174612	420.860059	49.5	0.000251	0.00004	0	12	1.3
17.09283	443.310534	428.079208	49.5	0.000255	0.00004	0.0003	12	1.3
17.98823	470.446456	432	49.6	0.000317	0.00004	0.00332	12	1.3
22.37376	497.582379	452.728412	49.7	0.000511	0.00005	0.01848	12	1.2
38.07602	510.654341	448.150588	50	0.000842	0.00009	0.04724	12	1.3
44.77702	521.493669	440.774118	50.1	0.001075	0.00011	0.06578	12	1.3
32.46351	532.332998	445.204465	51.4	0.000523	0.00006	0.02433	12	1.4
11.46075	543.172326	466.721399	51.9	0.000263	0.00003	0.00714	12	1.4
19.31605	530.276837	473.662857	53.1	0.000307	0.00004	0.00411	12	1.4
17.51859	506.86679	457.735651	53.5	0.000243	0.00004	0.00149	12	1.4
16.24606	483.456743	459.1	53.5	0.000251	0.00004	0.00047	12	1.4
17.5202	460.046696	461.130472	53.5	0.000257	0.00004	0.00015	12	1.4

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10.35457	419.373367	462.6	53.7	0.000193	0.00003	0.00001	12	1.4
11.06847	399.684122	460.369283	53.9	0.000172	0.00003	0.00001	12	1.4
11.1625	379.994877	454.508903	54	0.000157	0.00002	0.00004	12	1.4
11.34192	366.642327	434.357168	53.4	0.000149	0.00002	0.00007	12	1.4
11.05637	358.841816	457.127273	53.2	0.000145	0.00002	0.00006	12	1.4
11.54879	351.041304	452.721682	52.7	0.000147	0.00002	0.00004	12	1.4
11.32426	343.240793	438.112976	52.5	0.00015	0.00002	0.00004	12	1.4
11.33135	339.830849	422.615422	52.4	0.000154	0.00002	0.00002	12	1.4
12.66413	339.077798	442.931699	52.4	0.000178	0.00003	0.00005	12	1.4
14.95809	338.324747	438.808147	52.1	0.000222	0.00003	0.00005	12	1.4
19.39806	337.571696	416.43632	52	0.000274	0.00004	0.00004	12	1.4
14.5223	341.299928	409.02	51.9	0.000275	0.00004	0	12	1.4
13.23201	346.351648	421.459176	51.9	0.000244	0.00004	0	12	1.4
14.55257	351.403368	418.7	52.3	0.000229	0.00003	0	12	1.3
13.33697	356.455088	405.252083	52.5	0.000196	0.00003	0	12	1.3
10.93772	350.201087	395.683678	52.7	0.000173	0.00002	0	12	1.3
11.08264	336.86952	402.962774	52.8	0.000168	0.00002	0	12	1.3
10.71731	323.537954	398.551437	52.6	0.000161	0.00002	0.00004	12	1.3
10.89836	310.206387	370.696906	52.5	0.000154	0.00002	0.00006	12	1.3
10.71137	305.141622	376.514033	52	0.000138	0.00002	0.00007	12	1.3
11.03193	301.628108	387.302784	51.9	0.000117	0.00002	0.00007	12	1.3
10.6663	298.114595	386.1024	51.4	0.000108	0.00002	0.00004	12	1.3
11.11882	294.601081	362.354149	51.3	0.000121	0.00002	0.00004	12	1.2
13.1509	303.322547	361.124239	50.8	0.000154	0.00003	0.00001	12	1.2
15.83861	315.657453	375.402547	50.6	0.000205	0.00003	0.00003	12	1.2
17.47614	327.992358	371.580882	50	0.000261	0.00004	0	12	1.2
18.50751	340.327264	366.445565	49.8	0.00029	0.00004	0	12	1.2
17.51012	352.816009	357.592941	49.7	0.000291	0.00004	0	12	1.2
16.36283	365.440087	360.183715	49.7	0.000291	0.00004	0	12	1.2
17.99935	378.064164	356.313564	49.5	0.000318	0.00004	0	12	1.2
22.49213	390.688241	356.96	49.4	0.000397	0.00005	0	12	1.2
24.49742	407.70081	362.299025	49.5	0.000454	0.00005	0	12	1.2
24.38273	427.60265	349	49.5	0.00049	0.00005	0	12	1.2
22.70186	447.504491	347.12037	50.1	0.000481	0.00005	0	12	1.2
19.70763	467.406331	353.718048	50.3	0.000398	0.00004	0	12	1.2
19.16129	473.628944	387.680539	50.8	0.000369	0.00004	0	12	1.2
19.2615	467.623155	346.1	50.9	0.00034	0.00004	0	12	1.2
18.68284	461.617366	346.1	51.1	0.000324	0.00004	0	12	1.2
19.55119	455.611577	346.1	51.1	0.000329	0.00004	0	12	1.2
20.0925	453.204256	387.93392	51.2	0.000346	0.00004	0	12	1.2
20.02043	456.618538	346.649504	51.2	0.000355	0.00004	0	12	1.2
20.84248	460.03282	349	51.4	0.000374	0.00004	0	12	1.2
27.32821	463.447103	349	51.4	0.000482	0.00005	0	12	1.2
27.90731	464.374271	403.15875	51.8	0.000533	0.00006	0	12	1.2
21.22666	456.635578	349.721471	52	0.000487	0.00005	0	12	1.2
14.85315	448.896884	352.3	52.8	0.000266	0.00003	0	12	1.2
11.0703	441.158191	352.3	53.1	0.000196	0.00002	0	12	1.2
11.77191	433.934302	392.063726	52.9	0.000207	0.00003	0	12	1.2
16.42992	428.314147	355.4	52.9	0.000246	0.00003	0	12	1.2
17.88249	422.693992	355.4	52.3	0.000266	0.00003	0	12	1.1
17.78579	417.073837	355.4	52.1	0.000281	0.00003	0	12	1.1
16.86544	412.007888	381.89422	51.9	0.000266	0.00003	0	12	1.1
17.81076	411.206917	355.636004	51.9	0.000281	0.00003	0	12	1.1
18.09319	410.405947	355.4	52	0.000285	0.00003	0	12	1.1
17.65024	409.604976	355.4	52	0.000288	0.00003	0	12	1.1
17.24182	408.804005	374.942857	52	0.000287	0.00003	0	12	1
17.42907	406.345028	357.659231	52	0.000282	0.00003	0	12	1.1
16.93898	403.87772	355.4	52.4	0.000272	0.00003	0	12	1
16.24698	401.410412	355.4	52.5	0.000261	0.00003	0	12	1
15.35308	398.943104	369.391479	52.2	0.000253	0.00003	0	12	1
15.02395	393.759822	357.684691	52.1	0.000245	0.00003	0	12	1
14.54462	388.409314	352.3	52.2	0.000232	0.00003	0	12	1

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11:26:54.434	54.8	1451

14.32061	383.058806	349	52.2	0.000229	0.00003	0	12	1.1
14.44459	377.708298	357.102922	52.4	0.000226	0.00003	0	12	1.1
13.53348	370.811765	352.076907	52.4	0.000211	0.00002	0	12	1.1
13.11006	363.752941	349	52.4	0.000199	0.00002	0	12	1.1
13.3125	356.694118	346.1	52.4	0.000193	0.00003	0	12	1.2
12.58204	349.635294	346.975162	52.4	0.000189	0.00002	0	12	1.2
12.58281	347.69227	344.018548	52.4	0.000186	0.00003	0	12	1.2
12.749	346.255203	343.2	52.3	0.000192	0.00003	0	12	1.3
13.03407	344.818137	343.2	52.2	0.000201	0.00003	0.00001	12	1.4
14.28997	343.38107	343.2	52.1	0.000215	0.00003	0.00002	12	1.4
14.89526	344.388279	341.195588	52.1	0.000229	0.00003	0	12	1.3
15.10682	345.747867	340.3	52	0.000234	0.00003	0	12	1.3
15.60932	347.107454	340.3	51.9	0.000239	0.00003	0	12	1.3
15.78389	348.467042	338.739696	52	0.000241	0.00004	0	12	1.3
15.82377	350.434898	340.051834	52	0.000242	0.00004	0	12	1.3
15.76197	352.794928	335.620196	52	0.000242	0.00004	0	12	1.3
15.51907	355.154959	334.5	52	0.000239	0.00004	0	12	1.4
15.39715	357.514989	337.007801	52	0.000239	0.00004	0	12	1.4
14.95413	356.515809	338.228905	52	0.000234	0.00004	0	12	1.4
14.93843	353.501103	331.4	52.1	0.000232	0.00004	0	12	1.4
15.03742	350.486397	331.4	52.1	0.000226	0.00004	0	12	1.5
13.1944	347.471691	329.581143	52.1	0.000209	0.00003	0	12	1.5
12.96285	344.182915	333.976321	52.1	0.000192	0.00003	0	12	1.5
12.72434	340.665327	327.465098	52.3	0.000182	0.00003	0	12	1.5
12.5927	337.147739	325.6	52.4	0.000179	0.00003	0	12	1.5
11.86309	333.630151	325.6	52.5	0.000174	0.00003	0	12	1.5
12.45872	331.148006	327.916585	52.5	0.000177	0.00003	0	12	1.5
12.67811	330.459497	325.6	52.3	0.000185	0.00003	0	12	1.5
13.1186	329.770988	324.925401	52.2	0.000198	0.00003	0.00001	12	1.5
13.57807	329.082479	322.7	52.1	0.000211	0.00003	0.00002	12	1.5
14.8629	329.162852	325.579577	52.1	0.000222	0.00003	0	12	1.4
14.95889	333.467082	319.947698	52	0.000231	0.00004	0	12	1.4
16.13035	337.771313	319.8	52	0.000239	0.00004	0	12	1.4
16.30394	342.075544	319.8	51.9	0.000248	0.00004	0	12	1.5
16.9486	346.535511	330.962701	51.9	0.000261	0.00004	0	12	1.5
17.27812	353.235678	321.269706	51.8	0.000268	0.00004	0	12	1.5
17.47252	359.935846	317.278508	51.8	0.000271	0.00004	0	12	1.5
17.28725	366.636013	316.9	51.7	0.000273	0.00004	0	12	1.5
16.77102	373.336181	333.086963	51.7	0.000268	0.00004	0	12	1.5
16.57313	374.756924	322.948807	51.9	0.000265	0.00004	0	12	1.4
16.20048	375.498374	316.9	52	0.00026	0.00004	0	12	1.5
15.45926	376.239823	314	52	0.000253	0.00004	0	12	1.5
15.91545	376.981272	325.658252	52	0.000256	0.00004	0	12	1.5
16.60568	380.924138	327.220064	51.8	0.000264	0.00004	0.00002	12	1.5
17.45575	386.206603	314	51.8	0.000285	0.00004	0	12	1.5
19.55004	391.489068	314	51.8	0.000325	0.00005	0	12	1.5
20.88015	396.771533	323.839662	51.8	0.000364	0.00005	0	12	1.5
21.84165	408.203747	334.767913	51.7	0.000394	0.00006	0	12	1.5
22.44405	423.46957	316.9	51.7	0.000427	0.00006	0	12	1.5
22.5311	438.735392	316.9	51.6	0.000447	0.00006	0	12	1.5
23.40269	454.001215	332.676746	51.6	0.000456	0.00006	0	12	1.5
23.70741	464.055915	354.897603	51.4	0.000462	0.00007	0	12	1.6
23.72366	471.49723	319.8	51.4	0.000461	0.00007	0	12	1.6
23.52902	478.938545	321.602807	51.4	0.000465	0.00007	0	12	1.6
22.6886	486.379859	322.7	51.4	0.000448	0.00006	0	12	1.6
22.40557	488.242438	386.203261	51.7	0.000439	0.00006	0	12	1.6
22.09654	481.943025	326.615625	51.8	0.000421	0.00006	0	12	1.6
21.20856	475.643611	328.5	52.1	0.000404	0.00006	0	12	1.6
20.63315	469.344198	331.168841	52.2	0.000391	0.00006	0	12	1.5
21.72636	470.203846	378.371969	52.4	0.000435	0.00007	0	12	1.5
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15.9208	557.803518	340.3	52.7	0.000382	0.00004	0.01585	12	1.3
17.09394	582.106107	342.712389	52.7	0.000385	0.00004	0.01483	12	1.3
16.11349	600.820195	448.085941	52.5	0.000386	0.00004	0.01415	12	1.4
16.1155	608.971046	349	52.4	0.000387	0.00004	0.01319	12	1.4
15.63714	617.121898	349.781184	52.2	0.000384	0.00004	0.01231	12	1.4
15.88972	625.272749	354.466948	52.2	0.000375	0.00004	0.01159	12	1.4
15.51204	632.224994	485.012426	52.4	0.000363	0.00004	0.01074	12	1.4
14.94148	635.297002	364.822854	52.4	0.000356	0.00004	0.00975	12	1.5
14.56339	638.36901	368.99148	52.2	0.000347	0.00004	0.00876	12	1.5
14.39105	641.441017	376.023569	52.2	0.000339	0.00004	0.00795	12	1.5
13.36087	644	511.52624	52.5	0.000333	0.00004	0.00718	12	1.5
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13.75003	644	392.526264	52.5	0.000327	0.00004	0.00584	12	1.4
13.69763	644	399.976133	52.5	0.000325	0.00004	0.00552	12	1.4
14.48599	643.767033	498.574272	52.4	0.000333	0.00004	0.00533	12	1.4
14.92585	630.82445	421.832181	52.4	0.000342	0.00004	0.00543	12	1.4
15.56366	617.881866	420.917038	52.1	0.000356	0.00004	0.00575	12	1.4
16.08539	604.939282	426.603022	52	0.000336	0.00004	0.00554	12	1.5
15.84187	591.996699	477.79591	51.5	0.00033	0.00004	0.00435	12	1.5
16.39447	561.551537	473.40049	51.3	0.000331	0.00004	0.00209	12	1.5
16.1112	527.722821	459.467169	51.8	0.000335	0.00004	0.00065	12	1.5
15.86705	493.894106	473.761622	52	0.000315	0.00004	0.00018	12	1.5
15.95456	460.06539	475.64061	51.9	0.000289	0.00004	0.00004	12	1.5
16.19572	446.368215	489.716224	51.9	0.000269	0.00004	0	12	1.5
16.21658	435.732518	502.767755	51.9	0.000258	0.00004	0	12	1.5
15.97768	425.096822	508.6251	51.9	0.000254	0.00004	0	12	1.5
15.69113	414.461125	488.230465	51.9	0.00025	0.00004	0.00001	12	1.5
15.5595	409.025494	490.158783	51.9	0.000242	0.00004	0	12	1.5
15.61305	405.073687	509	51.9	0.000242	0.00004	0	12	1.5
15.99727	401.12188	505.644461	51.9	0.000249	0.00004	0	12	1.5
16.48755	397.170072	487.829943	52	0.000254	0.00004	0	12	1.5
16.51099	396.179507	464.603458	52	0.000259	0.00004	0	12	1.5
16.62074	396.943054	483.860215	51.7	0.000264	0.00004	0	12	1.5
17.69202	397.706601	477.501062	51.6	0.000279	0.00004	0	12	1.5
18.55859	398.470148	466.211134	51.8	0.000302	0.00005	0	12	1.5
19.23734	405.173688	441.788008	51.9	0.000321	0.00005	0	12	1.5
19.49043	416.39497	452.826889	51.9	0.000333	0.00005	0	12	1.5
24.98201	427.616252	445.169241	51.9	0.000463	0.00007	0	12	1.5
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13.07679	402.657635	408.124486	53.5	0.000184	0.00004	0	12	1.6
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11.3449	374.786793	403.138339	53.6	0.000157	0.00003	0	12	1.7
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11.40799	219.3	324.266334	53.7	0.000056	0.00003	0	12	1.7
11.39844	223.42787	355.378942	53.7	0.000068	0.00003	0	12	1.7

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11:28:05.434	62.3	1469
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11:28:07.434	61.1	1473
11:28:08.434	62.4	1472
11:28:09.434	62.7	1471
11:28:10.434	61.3	1471
11:28:11.434	61.6	1471
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11:28:42.434	14.6	878
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11:28:45.434	21	897
11:28:46.434	21.2	901
11:28:47.434	22.1	898
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11:28:49.434	37.6	958
11:28:50.434	61.8	1611
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11:29:00.434	69.2	2726

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13.08295	259.972786	362.142534	52.9	0.00015	0.00004	0	12	1.7
14.06963	272.045622	358.174648	53.2	0.000181	0.00004	0	12	1.7
14.94301	284.118458	335.095655	53.3	0.000203	0.00004	0	12	1.7
14.95565	290.459315	340.116294	53.3	0.000213	0.00004	0	12	1.7
13.77354	295.936088	347.086395	53.3	0.000208	0.00004	0	12	1.8
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15.11457	321.398	330.297183	53.3	0.000227	0.00004	0	12	1.6
15.32951	325.025716	327.717483	53.4	0.000231	0.00004	0	12	1.6
16.03647	328.717328	328.5	53.4	0.000234	0.00004	0	12	1.7
16.14296	332.40894	326.1452	53.4	0.000237	0.00004	0	12	1.7
17.4515	336.100552	327.199144	53.4	0.00025	0.00005	0	12	1.6
18.48257	348.274519	327.281176	53.4	0.000288	0.00005	0	12	1.6
19.69834	365.056185	322.7	53.4	0.000334	0.00006	0	12	1.6
21.13803	381.837851	320.713284	53.2	0.000375	0.00006	0	12	1.6
22.15239	398.619517	323.181079	53.1	0.000402	0.00006	0	12	1.6
22.54504	412.30995	342.672004	52.9	0.000417	0.00006	0	12	1.6
22.53947	423.852239	319.8	52.9	0.00043	0.00006	0	12	1.6
23.30989	435.394527	319.8	52.9	0.00044	0.00006	0	12	1.6
23.42008	446.936816	330.96338	52.9	0.000447	0.00007	0	12	1.6
23.37247	453.338443	359.30049	52.9	0.000446	0.00006	0	12	1.5
23.38984	455.862028	320.908824	52.9	0.000446	0.00006	0	12	1.5
22.65295	458.385613	322.7	53.1	0.000437	0.00006	0	12	1.5
21.94833	460.909198	325.098003	53.2	0.000416	0.00006	0	12	1.5
21.70898	460.649741	382.694515	53.4	0.0004	0.00006	0	12	1.5
21.20582	454.739867	326.115632	53.5	0.000382	0.00006	0	12	1.5
20.0804	448.829993	328.5	53.6	0.00036	0.00005	0	12	1.5
19.63785	442.920118	328.5	53.6	0.000336	0.00005	0	12	1.5
18.38834	436.200098	380.228487	53.7	0.000304	0.00005	0	12	1.5
17.41957	427.278529	331.4	53.7	0.000277	0.00005	0	12	1.5
16.20623	418.356961	331.677612	54.1	0.000253	0.00004	0	12	1.5
16.0843	409.435392	334.5	54.2	0.000251	0.00004	0	12	1.6
15.6648	398.630621	367.318662	54.1	0.000247	0.00004	0	12	1.5
16.18716	379.74502	334.809902	54.1	0.000258	0.00004	0	12	1.5
15.73417	360.859418	337.4	54	0.000227	0.00004	0	12	1.5
10.73412	341.973817	337.4	54	0.000213	0.00003	0	12	1.5
24.58813	323.424924	331.746175	53.3	0.000271	0.00006	0	12	1.5
5.7491	307.070969	334.30888	53.1	0.000086	0.00003	0	12	1.5
6.60876	290.717013	334.5	51	0.000044	0.00002	0	12	1.4
6.78303	274.363058	334.5	50.3	0.000029	0.00002	0	12	1.4
6.73373	260.224612	298.992849	44.9	0.000023	0.00002	0	12	1.3
6.70974	255.592929	334.5	43	0.000021	0.00002	0	12	1.3
6.96989	250.961247	334.094771	36.4	0.000026	0.00002	0	12	1.3
6.85103	246.329564	331.4	34.2	0.000033	0.00002	0	12	1.3
6.76212	247.95118	288.735049	26.9	0.000041	0.00002	0	12	1.3
19.22127	291.421798	331.4	24.5	0.000152	0.00004	0	12	1.2
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68.03048	416.122394	371.207265	24.3	0.001262	0.00018	0	12	1.3
79.12897	421.003434	329.319811	25.3	0.001131	0.00017	0	12	1.3
29.87493	425.884474	331.4	31	0.000309	0.00006	0	12	1.5
32.68315	430.765514	332.911096	33	0.000472	0.0001	0	12	1.5
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61.55826	469.393349	337.4	39	0.001149	0.00018	0	12	1.5
53.89798	485.855613	340.785884	40	0.000886	0.00014	0	12	1.5

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23.85347	454.871397	351.155435	46.2	0.000288	0.00006	0	12	1.6
24.28192	427.439064	352.3	46.8	0.000216	0.00006	0	12	1.6
21.41989	400.00673	360.246479	46.9	0.000238	0.00006	0	12	1.5
20.33647	391.448053	359.965761	47	0.000291	0.00006	0.00001	12	1.5
18.82516	389.870043	352.3	47.3	0.000305	0.00005	0.00017	12	1.6
20.19201	388.292034	352.3	47.4	0.000355	0.00006	0.00025	12	1.6
23.10039	386.714024	359.16966	47.4	0.000339	0.00006	0.00025	12	1.6
18.49086	381.596315	358.823043	47.4	0.000284	0.00005	0.00005	12	1.6
18.36213	375.599205	352.3	47.8	0.000284	0.00005	0.00017	12	1.6
18.91	369.602095	352.3	47.9	0.000295	0.00005	0.00018	12	1.6
22.30072	363.604986	350.71184	47.9	0.00035	0.00006	0.00012	12	1.6
21.86212	365.807182	352.217638	47.9	0.000329	0.00006	0.00004	12	1.6
21.36516	372.443826	349	48.1	0.000347	0.00006	0	12	1.6
22.80764	379.080469	349	48.2	0.000337	0.00006	0.00002	12	1.6
19.85923	385.717113	346.214111	48.6	0.000355	0.00006	0.00006	12	1.6
21.20777	387.144724	362.055882	48.8	0.000361	0.00006	0.00023	12	1.6
20.38036	381.667337	346.1	49	0.000368	0.00006	0.00024	12	1.6
22.32604	376.18995	344.566083	49.1	0.000365	0.00006	0.00015	12	1.6
19.36298	370.712563	343.2	49.3	0.000306	0.00005	0.00003	12	1.6
15.20691	360.864971	351.915415	49.4	0.000255	0.00005	0.00001	12	1.5
15.54875	345.676017	343.2	49.1	0.000228	0.00004	0.00014	12	1.5
15.24	330.487064	343.2	49	0.000198	0.00004	0.0002	12	1.5
14.49872	315.29811	343.2	48.3	0.000186	0.00004	0.00021	12	1.5
22.36488	309.070429	326.906845	48	0.000235	0.00005	0.00013	12	1.5
25.0326	321.711512	340.3	47.6	0.000294	0.00006	0.00001	12	1.5
23.39389	334.352596	340.3	47.4	0.000334	0.00006	0	12	1.5
23.54338	346.993679	337.881126	47.5	0.00036	0.00006	0	12	1.5
23.96964	356.416654	344.894129	47.6	0.000363	0.00006	0	12	1.5
21.63117	359.451443	336.93983	48	0.000336	0.00006	0	12	1.5
21.70098	362.486232	334.5	48.1	0.000335	0.00006	0	12	1.6
22.91707	365.521021	332.5375	48.6	0.00034	0.00006	0	12	1.5
22.7558	367.487403	347.91632	48.7	0.000342	0.00006	0	12	1.6
23.00478	366.733512	331.4	48.8	0.000352	0.00007	0	12	1.6
23.97259	365.979621	330.932133	48.9	0.000355	0.00007	0	12	1.6
18.71937	365.22573	328.5	49.3	0.00031	0.00006	0	12	1.6
15.59733	364.854774	346.388999	49.4	0.000265	0.00005	0	12	1.6
16.46469	366.353445	328.5	49.7	0.000255	0.00005	0.00003	12	1.6
28.4713	367.852115	325.623016	49.8	0.00032	0.00006	0.00008	12	1.6
25.83675	369.350786	325.6	49.8	0.000384	0.00007	0.00001	12	1.6
17.80391	370.85332	344.150833	49.8	0.00041	0.00007	0	12	1.6
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26.31866	374.084827	325.6	51	0.000407	0.00007	0.00002	12	1.6
24.55995	375.700581	325.6	51.3	0.000377	0.00007	0	12	1.6
16.79039	375.632941	347.767961	51.4	0.000281	0.00005	0	12	1.6
16.16167	353.868235	328.10089	51.7	0.000246	0.00005	0	12	1.6
16.71369	332.103529	325.6	51.8	0.000217	0.00005	0.00008	12	1.6
16.64651	310.338824	325.6	51.3	0.000188	0.00005	0.00005	12	1.6
16.25226	288.574118	312.091787	51.2	0.000153	0.00005	0.00002	12	1.6
15.76084	269.689259	322.330685	50.4	0.000118	0.00004	0	12	1.6
15.06978	250.827626	325.6	50.1	0.000091	0.00004	0	12	1.6
14.53446	231.965992	325.6	49	0.000075	0.00004	0	12	1.6
14.2831	213.104358	300.698492	48.6	0.000056	0.00004	0	12	1.6
14.7641	210.641473	304.084554	47.2	0.000049	0.00004	0	12	1.5
14.86559	212.45922	320.731532	46.7	0.000059	0.00004	0	12	1.5
14.74575	214.276967	319.8	46.1	0.000081	0.00004	0	12	1.5
14.39935	216.094714	307.67802	45.9	0.000101	0.00004	0	12	1.6
14.25233	217.582256	292.531944	45.2	0.000098	0.00004	0	12	1.6
13.63919	218.860451	314	45	0.00009	0.00004	0	12	1.6
13.77932	220.138647	311.620553	44.4	0.000084	0.00004	0	12	1.6
13.99635	221.416842	299.840621	44.2	0.000091	0.00004	0	12	1.6
13.78394	216.276306	284.639449	43.7	0.00011	0.00004	0	12	1.6

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11:30:57.434	0	1169
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13.30909	207.234996	303.357298	43.5	0.000131	0.00004	0.00002	12	1.6
12.70999	198.193687	302.1	42.9	0.000122	0.00003	0.00003	12	1.6
12.57657	189.152377	280.048298	42.7	0.000092	0.00003	0.00004	12	1.6
22.65128	179.315307	275.313222	41.2	0.000104	0.00006	0.00003	12	1.6
27.54924	169.244552	296.6	40.7	0.000078	0.00008	0	12	1.6
26.04989	159.173797	294.461682	39.1	0.000044	0.00008	0	12	1.6
25.73883	149.103042	283.450643	38.6	0.000027	0.00007	0	12	1.6
25.06712	143.792435	242.844406	36.7	0.000019	0.00007	0	12	1.6
21.95569	142.652539	285.7	36.1	0.000014	0.00005	0	12	1.6
7.758	141.512642	283.521125	34	0.000007	0.00003	0	12	1.6
6.61567	140.372746	267.47624	33.3	0.000006	0.00002	0	12	1.6
6.69045	143.66658	245.388034	29.7	0.000005	0.00002	0	12	1.6
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6.63344	181.465398	233.849362	13.1	0.000027	0.00002	0	12	1.5
11.60111	223.879713	273.240851	10.6	0.000079	0.00003	0	12	1.4
33.23281	266.294027	269.3	6.6	0.000257	0.00007	0	12	1.4
80.5041	308.708342	267.149929	5.2	0.001019	0.00017	0	12	1.4
71.49413	348.822134	289.516315	11.6	0.000669	0.00014	0	12	1.4
33.06478	386.289089	267.355426	13.7	0.00036	0.0001	0	12	1.7
60.84078	423.756044	269.3	19.3	0.000729	0.00018	0	12	1.9
67.30011	461.222999	271.441772	21.1	0.001148	0.00027	0	12	2.1
64.624	476.158289	365.923077	27	0.001107	0.00035	0	12	2.6
24.25686	439.507922	284.661538	28.9	0.000212	0.0001	0	12	3.2
8.41039	402.857555	291.789211	33.6	0.000091	0.00007	0	12	3.5
10.38926	366.207188	293.8	35.1	0.000073	0.00008	0	12	3.5
19.23824	342.448479	316.0338	34.7	0.000141	0.00011	0	12	3.5
21.21007	366.039501	296.903816	34.6	0.000247	0.00012	0	12	3.3
19.80847	389.630524	299.643083	36	0.000327	0.00011	0	12	3.2
17.41173	413.221546	302.1	36.4	0.000335	0.0001	0	12	3.2
17.62003	431.165911	364.627223	38.2	0.00031	0.0001	0	12	3.1
18.3308	427.077241	305.349209	38.8	0.000312	0.00009	0	12	2.8
18.34512	422.988571	308.1	40.2	0.000308	0.00008	0	12	2.6
17.06998	418.899901	308.1	40.7	0.000279	0.00007	0	12	2.6
15.44035	411.640813	360.467229	42.2	0.000254	0.00007	0	12	2.5
13.52984	385.535351	312.258681	42.7	0.000211	0.00006	0	12	2.4
11.5208	359.429889	311	43.8	0.000178	0.00004	0	12	2.3
11.4657	333.324427	311	44.2	0.000172	0.00004	0.00003	12	2.3
11.16187	307.218964	310.018987	44.7	0.000141	0.00004	0.00018	12	2.2
9.39508	285.203105	313.172078	44.8	0.000103	0.00003	0.00019	12	2.2
9.05402	263.567155	314	44.8	0.000101	0.00004	0.00018	12	2.1
20.11498	241.931204	314	44.8	0.000116	0.00007	0.00015	12	2
20.1753	220.295254	280.33187	44.4	0.000072	0.00006	0.00001	12	1.8
10.1304	218.716728	303.893676	44.3	0.000025	0.00003	0	12	1.8
8.55782	218.105331	311.716505	43.8	0.000015	0.00003	0	12	1.7
9.09023	217.493935	311	43.6	0.000011	0.00003	0	12	1.7
8.85511	216.882539	286.069097	43.6	0.000015	0.00003	0	12	1.7
9.50686	211.572782	296.748512	43.6	0.00003	0.00002	0	12	1.6
8.87337	205.529756	311	43.7	0.00005	0.00002	0	12	1.7
9.06467	199.48673	308.351669	43.7	0.000059	0.00002	0	12	1.7
8.71867	193.443703	285.577113	43.4	0.000061	0.00003	0.00001	12	1.7
8.81216	186.397757	282.192149	43.3	0.000056	0.00003	0	12	1.8
8.868	178.977094	306.318316	43	0.00006	0.00003	0.00001	12	1.8
17.41108	171.55643	305	42.9	0.000069	0.00005	0	12	1.7
7.62415	164.135767	293.635915	42.6	0.000035	0.00003	0	12	1.7
8.55857	163.527005	257.367189	42.5	0.00002	0.00002	0	12	1.7
9.07904	168.791445	301.045532	42	0.000015	0.00002	0	12	1.7
8.78908	174.055886	297.580308	41.8	0.000013	0.00002	0	12	1.7
9.51387	179.320327	296.6	41.6	0.000018	0.00002	0	12	1.7
8.88338	185.467726	254.209068	41.5	0.000032	0.00002	0	12	1.7
9.1847	192.766634	293.03883	41.3	0.000053	0.00002	0	12	1.7
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9.151	214.753232	259.369766	41.2	0.000095	0.00002	0	12	1.6
9.2674	222.273507	285.7	40.8	0.000097	0.00002	0.00003	12	1.6
8.72585	229.793782	284.623649	40.6	0.000091	0.00002	0.00004	12	1.6
9.06957	237.314058	283	40.6	0.000096	0.00002	0.00003	12	1.5
10.55149	250.569285	264.625625	40.6	0.000131	0.00003	0	12	1.5
14.83457	275.107223	279.538484	40.6	0.000197	0.00004	0	12	1.5
19.29947	299.645161	276.735771	40.6	0.000292	0.00005	0	12	1.5
19.05866	324.183098	274.7	41.1	0.000349	0.00005	0.00004	12	1.5
18.46902	344.960127	306.370247	41.2	0.000334	0.00005	0	12	1.5
15.04746	352.782911	272	42.2	0.000288	0.00004	0	12	1.5
15.35243	360.605696	272	42.5	0.000258	0.00004	0	12	1.4
11.91984	368.428481	269.929161	42.9	0.000201	0.00003	0	12	1.4
11.97203	372.436747	315.929762	43	0.000192	0.00003	0	12	1.4
12.89808	366.388554	269.3	43.3	0.00019	0.00003	0	12	1.3
14.51269	360.340361	269.3	43.4	0.000197	0.00003	0	12	1.3
12.33033	354.292169	269.3	43.3	0.000189	0.00003	0	12	1.3
12.25337	348.141645	308.471871	43.3	0.000185	0.00003	0	12	1.3
9.98684	341.274804	272	43.5	0.000165	0.00002	0	12	1.3
9.09342	334.407963	272	43.6	0.000149	0.00002	0	12	1.3
11.49065	327.541123	272	43.6	0.00016	0.00002	0	12	1.3
12.09105	321.263357	294.347923	43.6	0.000174	0.00002	0	12	1.3
11.51141	316.393381	274.7	43.6	0.000171	0.00002	0.00001	12	1.3
9.452	311.523404	274.7	43.6	0.000154	0.00002	0	12	1.3
9.1787	306.653428	274.7	43.6	0.000141	0.00002	0	12	1.3
8.87589	301.640296	286.586197	43.6	0.000132	0.00002	0	12	1.3
8.74847	294.567928	276.243095	43.7	0.000127	0.00002	0.00003	12	1.3
9.17543	287.495559	274.7	43.7	0.000123	0.00002	0.00009	12	1.3
9.14875	280.423191	274.7	43.5	0.000111	0.00002	0.00008	12	1.2
8.91385	273.350822	274.01375	43.4	0.000106	0.00002	0.00006	12	1.2
8.89561	268.739497	276.139232	42.9	0.000104	0.00002	0.00003	12	1.2
8.86528	264.709209	277.4	42.8	0.000104	0.00002	0.00003	12	1.2
8.77146	260.67892	277.4	42.4	0.0001	0.00002	0.00002	12	1.2
8.90544	256.648632	273.297606	42.2	0.000097	0.00002	0.00002	12	1.2
8.71218	255.5	272.919926	41.9	0.000094	0.00002	0.00002	12	1.2
8.81164	255.5	277.4	41.8	0.000094	0.00002	0.00001	12	1.2
8.91032	255.5	277.4	41.2	0.000096	0.00002	0.00001	12	1.2
9.03921	255.5	274.07809	41	0.000102	0.00002	0	12	1.2
9.6679	261.986903	271.871218	40.8	0.000116	0.00002	0	12	1.2
13.53637	271.756335	277.4	40.7	0.000174	0.00003	0	12	1.2
14.28881	281.525767	277.4	40.5	0.00023	0.00003	0	12	1.2
13.44407	291.295198	277.4	40.5	0.000222	0.00003	0	12	1.2
13.97684	316.459583	283.172144	40.6	0.000234	0.00003	0.00011	12	1.2
15.96972	359.916001	274.7	40.7	0.000292	0.00003	0.00749	12	1.1
17.7671	403.372419	274.7	40.8	0.000388	0.00003	0.02333	12	1.1
18.44183	446.828837	274.7	40.9	0.000435	0.00003	0.03	12	1.1
18.41364	481.107062	344.223244	41.3	0.000446	0.00004	0.02959	12	1.1
17.66457	505.281562	277.4	41.4	0.000438	0.00004	0.0287	12	1.1
15.03018	529.456062	278.405242	41.9	0.000382	0.00003	0.02478	12	1.1
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22.43547	594.459744	398.292556	42.6	0.000535	0.00004	0.031	12	1.1
22.205	604.683387	295.2108	42.7	0.000535	0.00004	0.031	12	1.1
20.11122	614.907029	300.28193	43.7	0.000502	0.00005	0.02769	12	1.2
15.90664	625.130671	306.714152	44	0.000432	0.00004	0.02228	12	1.2
11.87414	626.961697	440.4472	44.9	0.000348	0.00003	0.01684	12	1.2
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11:32:56.434	21.5	903
11:32:57.434	22.2	901
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11:33:00.434	22	901
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11:33:02.434	22.5	900
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11:33:04.434	23.2	897
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11:33:06.434	22.4	901
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11:33:09.434	23.3	798
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11:33:11.434	22.9	801
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13.66299	538.003912	346.990523	45.7	0.000276	0.00003	0.00343	12	1.1
10.63426	503.224395	356.078675	45.7	0.000247	0.00002	0.00117	12	1.1
11.17818	468.444879	364.245357	45.7	0.00024	0.00002	0.00035	12	1.2
11.66496	434.715451	398.718598	45.6	0.000227	0.00002	0.00011	12	1.2
11.39029	422.278235	383.502351	45.5	0.000209	0.00002	0.00003	12	1.2
12.91673	409.841019	383.049206	45.2	0.000202	0.00002	0.00002	12	1.3
13.23435	397.403803	390.196346	45.1	0.000202	0.00003	0.00001	12	1.3
14.08635	384.966587	390.761528	45.1	0.00021	0.00003	0	12	1.3
14.1241	380.044675	395.952502	45.1	0.000211	0.00003	0	12	1.2
13.46425	376.285639	401.113749	45.3	0.00021	0.00003	0	12	1.2
12.6364	372.526602	405.174834	45.3	0.000207	0.00003	0	12	1.2
13.1387	368.767566	398.409168	45.7	0.000206	0.00003	0	12	1.2
13.47056	363.89823	397.787354	45.9	0.000202	0.00003	0	12	1.2
12.32903	358.588496	403.505103	46	0.000194	0.00003	0	12	1.2
11.79115	353.278761	402.2	46.1	0.000179	0.00002	0	12	1.2
11.69341	347.969027	391.826109	46.3	0.000168	0.00002	0	12	1.2
11.41	343.82713	383.637624	46.4	0.000162	0.00002	0	12	1.2
11.31282	340.319613	394.237562	46.5	0.000162	0.00002	0	12	1.2
11.55509	336.812097	390.700131	46.5	0.000166	0.00002	0	12	1.3
11.97263	333.304581	386.408769	46.7	0.000173	0.00003	0	12	1.3
11.93692	330.750343	364.091988	46.7	0.000175	0.00003	0	12	1.3
11.88023	329.328775	379.429931	46.8	0.000175	0.00003	0	12	1.3
11.64081	327.907206	376.082996	46.8	0.000164	0.00002	0	12	1.3
10.70629	326.485637	371.47	47	0.000152	0.00002	0	12	1.4
10.65562	324.828259	350.296369	47.1	0.000149	0.00002	0	12	1.4
10.5118	322.7812	364.029187	47.2	0.00015	0.00002	0	12	1.4
10.41126	320.734141	360.799459	47.2	0.000152	0.00002	0.00001	12	1.4
10.40954	318.687082	356.714961	47.2	0.000155	0.00002	0.00002	12	1.5
10.24198	316.811466	337.032521	47.2	0.000157	0.00002	0.00003	12	1.5
10.44	316.114351	351.628416	47.2	0.000159	0.00002	0.00002	12	1.5
10.33	315.417236	348.889342	47.2	0.00016	0.00002	0.00004	12	1.5
10.43119	314.72012	345.076247	47.2	0.000162	0.00002	0.00004	12	1.5
10.33643	314.023005	332.640514	47.2	0.000164	0.00002	0.00004	12	1.5
10.82888	313.318214	337.872566	47.3	0.000169	0.00002	0.00005	12	1.5
10.94	312.613161	338.036795	47.3	0.000172	0.00002	0.00005	12	1.4
11.08866	311.908108	337.372568	47.4	0.00017	0.00002	0.00006	12	1.4
10.96792	311.203055	330.136648	47.5	0.000167	0.00002	0.00005	12	1.4
10.1575	306.082388	328.386385	47.6	0.000163	0.00002	0.00005	12	1.4
9.9408	299.175629	331.4	47.6	0.000157	0.00002	0.00005	12	1.4
9.83481	292.26887	331.4	47.6	0.000154	0.00002	0.00005	12	1.4
9.80241	285.362111	322.022569	47.6	0.000143	0.00002	0.00009	12	1.4
7.47864	276.608449	315.207024	47	0.000114	0.00002	0.00006	12	1.4
6.61512	266.894845	325.6	46.8	0.000105	0.00002	0.00006	12	1.4
6.76215	257.181241	325.6	45.5	0.000092	0.00002	0.00004	12	1.5
6.93418	247.467637	325.169	45.1	0.000076	0.00002	0.00002	12	1.4
6.86	240.300097	294.623183	41.2	0.000064	0.00002	0.00001	12	1.3
6.80527	236.026799	321.878333	39.9	0.000056	0.00002	0	12	1.3
6.72337	231.753501	319.8	34.8	0.000053	0.00001	0	12	1.3
6.79635	227.480203	319.8	33.1	0.000052	0.00001	0	12	1.3
6.87551	223.725735	280.849837	28.3	0.000051	0.00001	0	12	1.2
6.88771	221.04394	318.94381	26.7	0.00005	0.00001	0	12	1.2
6.87403	218.362145	316.9	21.2	0.000049	0.00001	0	12	1.2
6.83	215.680351	316.9	19.4	0.000049	0.00001	0	12	1.2
6.85594	213.361379	278.181908	14.1	0.000048	0.00001	0	12	1.2
6.87654	211.489458	314	12.3	0.000049	0.00001	0	12	1.2
6.8	209.617537	314	7.7	0.000048	0.00001	0	12	1.2
6.8	207.745616	311.604	6.2	0.000048	0.00001	0	12	1.2
6.39881	206.095204	271.636997	1.6	0.000046	0.00001	0	12	1.2
6.24132	204.794184	310.116766	0	0.000045	0.00001	0	12	1.2
6.13	203.493163	308.1	0	0.000045	0.00001	0	12	1.2
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6.1488	200.566569	305	0	0.000044	0.00001	0	12	1.2

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5.94728	204.676679	260.950295	0	0.000056	0.00002	0	12	1.2
9.26168	219.918577	298.771107	0	0.000061	0.00002	0	12	1.2
14.24251	235.160474	296.6	0	0.000085	0.00002	0	12	1.2
17.27839	250.402372	296.6	0	0.000168	0.00003	0	12	1.2
28.92627	266.059888	279.807072	4.4	0.000452	0.00008	0	12	1.3
45.4834	284.736646	291.087201	5.9	0.000895	0.00015	0	12	1.4
69.14204	303.413403	288.434684	11.8	0.001077	0.00021	0	12	1.5
65.71723	322.090161	288.4	13.7	0.000551	0.00015	0	12	1.6
21.99525	341.068385	308.1825	18.9	0.000168	0.00007	0	12	1.6
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62.96166	464.009993	349.535556	28.8	0.000871	0.00018	0	12	1.5
26.58921	428.387688	316.858824	30.8	0.000332	0.00008	0	12	1.6
16.06592	387.923834	296.6	34.3	0.000128	0.00005	0	12	1.6
17.57831	347.45998	299.3	35.4	0.000098	0.00005	0	12	1.6
31.31351	306.996126	300.825275	34.8	0.000188	0.00008	0	12	1.6
31.8915	308.395453	302.1	34.6	0.000307	0.00008	0	12	1.5
27.60867	315.557517	302.1	35.6	0.000365	0.00007	0	12	1.5
21.73086	322.71958	302.1	36	0.000337	0.00006	0.00007	12	1.5
10.79095	329.881643	307.983629	37.4	0.000195	0.00004	0.00012	12	1.6
11.19353	331.4	306.820205	37.9	0.000161	0.00003	0.00013	12	1.6
17.60729	331.4	302.1	37.4	0.000179	0.00005	0.00008	12	1.6
17.33222	331.4	302.1	37.2	0.000194	0.00005	0.00005	12	1.6
19.09908	331.4	305.657857	37.2	0.000253	0.00005	0	12	1.6
20.57859	332.331034	309.99951	37.2	0.000312	0.00005	0	12	1.5
16.85878	333.808867	302.1	38	0.000301	0.00005	0	12	1.5
11.77267	335.2867	302.1	38.2	0.000222	0.00004	0	12	1.5
13.47937	336.764532	304.873571	39.2	0.000202	0.00003	0.00015	12	1.5
13.09145	332.077206	312.585149	39.5	0.000196	0.00003	0.00031	12	1.5
13.24103	322.738971	302.1	40	0.000199	0.00003	0.00032	12	1.5
12.61547	313.400735	302.1	40.2	0.000201	0.00003	0.00026	12	1.5
12.63507	304.0625	302.1	40.6	0.000191	0.00003	0.00028	12	1.4
12.82339	298.970896	301.19913	40.7	0.000179	0.00003	0.00031	12	1.4
13.07235	298.299254	302.1	40.5	0.000171	0.00003	0.00024	12	1.4
13.20542	297.627612	302.1	40.4	0.000173	0.00003	0.00017	12	1.5
16.81361	296.95597	302.068571	40.1	0.000201	0.00004	0.00011	12	1.5
15.83646	299.591951	300.17393	40	0.000222	0.00004	0.0001	12	1.4
16.08596	305.957805	302.1	40	0.000247	0.00004	0.00006	12	1.5
17.09307	312.323659	302.1	40	0.000255	0.00004	0.00007	12	1.5
16.92009	318.689512	302.1	40	0.000255	0.00004	0.00002	12	1.5
16.38686	323.213274	310.456028	40	0.00025	0.00004	0.00002	12	1.5
16.55488	324.600502	302.1	40	0.00025	0.00004	0.00002	12	1.5
16.51329	325.98773	302.1	40	0.000248	0.00004	0	12	1.5
15.95411	327.374958	302.1	40.1	0.000231	0.00004	0.00001	12	1.5
14.49043	329.037009	314.986275	40.2	0.000239	0.00004	0.00002	12	1.5
17.73866	331.878329	299.3	40.3	0.000263	0.00005	0.00005	12	1.5
17.08989	334.719648	299.3	40.3	0.000266	0.00004	0	12	1.4
19.05129	337.560968	299.3	40.3	0.000283	0.00005	0	12	1.4
16.6696	339.477016	315.185172	40.3	0.000254	0.00004	0	12	1.4
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28.35172	250.542417	279.296249	35.8	0.000303	0.00006	0	12	1.3
29.26006	312.517666	293.8	35.6	0.000493	0.00007	0	12	1.4
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25.2827	436.468163	325.119746	38	0.00057	0.00009	0	12	1.8
22.89251	445.846783	326.03396	40.2	0.000465	0.00008	0.00019	12	1.8
24.55097	437.786574	293.8	41	0.000429	0.00007	0.00019	12	1.8
20.1681	429.726366	295.964324	42	0.000368	0.00006	0.00004	12	1.7
17.59489	421.666157	311.843429	42.3	0.000268	0.00005	0	12	1.7
13.16194	402.416123	331.432647	43.3	0.000225	0.00004	0.00003	12	1.7
13.79041	376.650494	300.672609	43.6	0.000186	0.00004	0.00012	12	1.7
13.61842	350.884865	302.1	43.5	0.000162	0.00004	0.0001	12	1.5
13.85282	325.119236	304.000574	43.5	0.000148	0.00004	0.00009	12	1.5
13.74412	315.926907	307.91381	43.3	0.000139	0.00003	0.00004	12	1.5
16.49347	314.49799	306.537698	43.2	0.000167	0.00004	0.00007	12	1.5
17.33463	313.069072	308.1	43	0.000183	0.00004	0.00004	12	1.5
14.35265	311.640155	308.286963	43	0.000189	0.00004	0.00001	12	1.5
16.30057	314.070296	308.992198	43.3	0.000221	0.00004	0.00003	12	1.4
20.17774	319.632426	308.1	43.4	0.000268	0.00005	0.00008	12	1.4
20.36917	325.194556	308.1	43.7	0.000291	0.00005	0.00007	12	1.4
20.75511	330.756686	308.1	43.8	0.000304	0.00005	0.00001	12	1.4
20.55469	330.783358	318.554065	44.7	0.000293	0.00005	0	12	1.4
18.0937	319.41748	305	45	0.000261	0.00004	0	12	1.4
12.85043	308.051603	305	45.5	0.000189	0.00003	0	12	1.3
7.08918	296.685725	303.15027	45.6	0.000118	0.00002	0	12	1.3
12.85501	292.890972	296.002077	45.1	0.000141	0.00003	0.00001	12	1.3
15.98663	309.462825	302.1	44.9	0.000147	0.00003	0.00001	12	1.3
16.72547	326.034677	302.1	44.3	0.000201	0.00004	0	12	1.2
23.25131	342.60653	300.693607	44.1	0.000357	0.00005	0	12	1.2
24.75299	363.581308	325.413663	44.1	0.000466	0.00005	0	12	1.2
24.53684	399.46424	299.3	44.1	0.0005	0.00005	0	12	1.2
23.67032	435.347172	299.3	45	0.000497	0.00005	0	12	1.2
22.95997	471.230103	299.3	45.3	0.000483	0.00005	0	12	1.2
23.10056	496.914625	400.105737	46.3	0.000456	0.00005	0	12	1.2
9.83133	469.844407	302.974184	46.6	0.000307	0.00003	0	12	1.2
10.70864	442.774189	302.1	47.2	0.000213	0.00002	0	12	1.2
8.81447	415.703971	302.1	47.4	0.000174	0.00002	0	12	1.2
9.72966	389.427843	339.005777	46.6	0.000161	0.00002	0	12	1.1
14.89216	387.172941	310.73662	46.3	0.00018	0.00002	0	12	1
16.73344	384.918039	307.873577	45.3	0.000202	0.00003	0	12	1
13.55752	382.663137	308.1	44.9	0.00021	0.00002	0	12	1
24.43159	380.408235	333.457797	44.6	0.00039	0.00004	0	12	1
26.82905	392.243315	318.140139	44.5	0.00043	0.00004	0.00003	12	1
22.28808	404.788813	313.323442	44.1	0.000428	0.00004	0	12	1
18.28957	417.334312	314	44	0.000343	0.00003	0	12	1
16.40986	429.879811	346.517346	44.3	0.000308	0.00003	0	12	1
20.85334	436.285281	336.553974	44.4	0.00034	0.00004	0	12	1
22.19458	441.442058	319.205854	44.1	0.000382	0.00004	0	12	1
21.58136	446.598834	319.8	44	0.000398	0.00004	0	12	1.1
21.0468	451.75561	365.821935	44	0.000393	0.00004	0	12	1.1
20.97016	452.768067	335.029584	44	0.000384	0.00004	0	12	1.1
21.99539	453.661139	322.7	44.1	0.000391	0.00004	0	12	1.1
28.47252	454.554212	322.819542	44.1	0.000487	0.00005	0	12	1
25.11919	455.447285	360.142857	44.4	0.000457	0.00005	0	12	1
24.33506	478.468966	347.352475	44.5	0.000447	0.00005	0.00058	12	1
24.1885	506.055172	325.6	44.5	0.000499	0.00005	0.01292	12	1
22.6814	533.641379	326.271332	44.5	0.000534	0.00005	0.02805	12	1.1
26.26081	561.227586	410.684441	44.7	0.000592	0.00005	0.03488	12	1.1
25.49257	577.409468	357.38	44.8	0.00062	0.00005	0.04096	12	1.1
23.52806	593.262831	336.776313	44.9	0.000587	0.00005	0.03478	12	1.1
22.03997	609.116193	343.411076	45	0.000516	0.00004	0.02884	12	1.1
14.68437	624.969556	427.759371	45.4	0.000403	0.00004	0.02176	12	1.1
13.36823	626.390354	399.68226	45.5	0.000344	0.00003	0.01421	12	1.1
13.82286	625.323946	362.584387	45.3	0.000339	0.00003	0.01417	12	1.1
12.6	624.257538	367.41475	45.3	0.000306	0.00003	0.01087	12	1.2
11.59238	623.191129	419.763624	44.9	0.000245	0.00002	0.00707	12	1.2
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10.3984	483.547297	389.222996	43.8	0.000183	0.00002	0.00133	12	1.2
10.4654	432.446196	398.917568	42.8	0.000123	0.00002	0.0005	12.5	1.2
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18.54886	401.952608	406.645554	41.5	0.000137	0.00003	0.00016	12	1.1
19.26092	392.277627	412.653662	41.2	0.000198	0.00003	0.00009	12	1.1
18.00535	382.602646	411.703103	41	0.000234	0.00003	0.00002	12	1
18.44685	411.264401	420.079293	40.9	0.000296	0.00003	0.00071	12	1
18.93686	451.900098	435.771429	40.9	0.000388	0.00004	0.01296	12	1
18.67709	492.535795	444.127869	40.9	0.000444	0.00004	0.02566	12	1.1
19.65272	533.171491	456.288924	41.3	0.000462	0.00004	0.02668	12	1.1
19.59008	557.943019	476.898825	41.4	0.000482	0.00004	0.02632	12.5	1.1
20.07158	574.971321	457.266832	42	0.00049	0.00004	0.02649	13	1.1
17.31592	591.999623	459.1	42.2	0.000432	0.00004	0.02277	13	1.1
15.30593	609.027925	462.707064	43.1	0.000386	0.00003	0.0176	13	1.1
15.48216	617.840144	520.77	43.4	0.00036	0.00003	0.01461	13	1.1
17.00489	615.849736	466.1	43.8	0.000381	0.00003	0.01397	12.5	1.1
16.91465	613.859329	466.1	44	0.000386	0.00003	0.01541	12.5	1.1
14.00771	611.868921	468.709934	44.4	0.000316	0.00003	0.01105	13	1.1
10.70071	599.520996	533.912166	44.5	0.000263	0.00002	0.00714	12.5	1.1
11.24	557.998078	473.1	44.8	0.000242	0.00002	0.00407	12.5	1.2
11.33551	516.47516	473.1	44.9	0.000234	0.00002	0.00175	13	1.2
11.50701	474.952242	475.391834	44.9	0.000216	0.00002	0.00065	13	1.2
11.27	437.239006	460.071636	44.9	0.000187	0.00002	0.00026	13	1.3
11.22668	414.390999	480.3	44.9	0.00017	0.00002	0.00012	13	1.2
11.0228	391.542991	480.3	44.9	0.000158	0.00002	0.00007	13	1.1
11.17252	368.694983	480.3	44.9	0.000144	0.00002	0.00007	13	1.1
10.8015	347.831923	418.766667	44.9	0.000123	0.00002	0.00005	13	1.1
10.98925	339.367594	480.631342	44.4	0.000113	0.00002	0.00005	13	1.1
10.94109	330.903265	483.8	44.3	0.000113	0.00002	0.00002	13	1.1
10.84679	322.438936	483.8	44.1	0.000116	0.00002	0.00003	13	1.1
10.71634	314.004202	421.896535	44.1	0.000121	0.00002	0.00002	13	1.1
12.05657	315.40483	464.02	44.1	0.000133	0.00002	0.00004	13	1.2
12.15915	316.805458	480.3	44.1	0.000142	0.00002	0.00004	13	1.2
11.80784	318.206085	476.614401	44	0.000153	0.00002	0.00002	13	1.2
11.04737	319.606713	428.513451	44	0.000154	0.00002	0.00002	13	1.2
10.581	312.245439	446.816748	44.2	0.000159	0.00002	0	13	1.2
10.61164	303.481448	467.236634	44.2	0.00015	0.00002	0.00005	13	1.2
10.84613	294.717457	459.982965	43.7	0.000129	0.00002	0.00007	13	1.2
10.71671	285.953465	440.50647	43.5	0.000104	0.00002	0.00007	13	1.1
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10.92941	285.107533	445.31	43.2	0.000112	0.00002	0.00002	13	1.1
10.69208	286.374842	439.790676	43.2	0.000123	0.00002	0.00003	13	1.1
10.85691	287.64215	435.462646	43.2	0.000131	0.00002	0.00002	13	1.1
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10.57847	285.561112	423.295266	43	0.000142	0.00002	0.00004	13	1.1
10.44903	283.536228	417.425099	42.6	0.000138	0.00002	0.00006	13	1.1
10.57461	281.511344	412.770852	42.5	0.000135	0.00002	0.00006	13	1.1
13.7447	283.478216	352.892267	41.9	0.000163	0.00002	0.00006	13	1.1
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15.50423	316.925901	390.566362	41.3	0.000221	0.00003	0.00001	13	1.1
13.97628	327.568824	357.628617	41.4	0.000226	0.00003	0	13	1.1
16.9836	336.437401	379.927273	41.4	0.000249	0.00003	0.00001	13	1.1
17.3483	345.305978	376.785007	41.5	0.000265	0.00003	0.00001	13	1.1
17.14246	354.174555	370.513968	41.5	0.000276	0.00003	0.00001	13	1.1
17.35341	359.517986	363.043922	41.7	0.000286	0.00003	0.00001	13	1.1
17.06216	348.127098	361.524314	41.8	0.00027	0.00003	0	13	1.1
11.45012	336.736211	358.509412	42.2	0.000218	0.00003	0.00001	13	1.1
9.96901	325.345324	355.4	42.3	0.00019	0.00002	0	13	1.1
21.00904	313.90586	338.045628	42.2	0.000319	0.00004	0	13	1.1
22.88803	290.370751	347.549785	42.2	0.000232	0.00005	0	13	1.2
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11:37:21.434	75.6	1338
11:37:22.434	59.9	1355
11:37:23.434	15.6	1359
11:37:24.434	6.4	1339

19.57932	243.300533	345.638974	40.9	0.000033	0.00002	0	13	1.1
9.30732	219.765424	308.690794	39.9	0.000019	0.00002	0	13	0.9
10.23525	215.682857	327.312308	39.5	0.000012	0.00001	0	12.5	0.9
9.18306	214.404662	340.3	38.8	0.000012	0.00001	0	12.5	0.9
9.36631	213.126466	337.4	38.6	0.000018	0.00001	0	13	0.9
11.79489	211.848271	302.108833	37.7	0.000035	0.00002	0	12.5	0.9
13.19813	230.274814	317.02684	37.4	0.000055	0.00002	0	12.5	0.9
14.14379	251.287047	332.365524	37.3	0.000102	0.00002	0	13	0.9
14.19521	272.29928	328.755882	37.2	0.000154	0.00002	0	13	0.9
15.66308	293.311514	320.778333	37.4	0.000221	0.00003	0	13	1
19.98277	320.956505	318.407265	37.5	0.000336	0.00004	0	13	1
22.34414	351.245322	320.959427	37.9	0.000408	0.00004	0.00008	12.5	1
22.71037	381.53414	319.8	38.1	0.00044	0.00004	0.00003	12.5	1.1
22.75831	411.822957	331.633474	39.3	0.000455	0.00005	0	13	1.2
22.14937	412.364116	341.561943	39.7	0.000424	0.00005	0	13	1.2
15.53409	397.852243	314	41.1	0.000254	0.00003	0	13	1.2
10.22618	383.340369	314	41.5	0.000204	0.00002	0	13	1.2
10.08088	368.828496	314	41.7	0.000163	0.00002	0	13	1.2
10.43582	363.063158	326.998496	41.8	0.000128	0.00002	0	13	1.2
9.67826	366.221053	311	41.5	0.000117	0.00002	0	13	1.2
21.59864	369.378947	311	41.4	0.000192	0.00003	0.00001	13	1.2
19.65663	372.536842	313.945961	41.2	0.000292	0.00004	0	13	1.2
13.83487	376.703341	332.965458	41.1	0.000286	0.00003	0	13	1.2
20.75658	381.858473	314	41.9	0.000334	0.00004	0	13	1.3
17.58345	387.013604	314	42.1	0.000266	0.00003	0	13	1.3
17.42553	392.168735	314	43.1	0.000254	0.00003	0	13	1.4
18.21394	390.746588	348.114096	43.5	0.000292	0.00004	0	13	1.4
17.5236	375.021472	314.611275	44.4	0.000257	0.00004	0	13	1.4
10.08569	359.296356	316.9	44.7	0.000206	0.00003	0	13	1.4
11.08162	343.57124	316.9	45.5	0.000176	0.00003	0	13	1.4
11.69106	333.082562	323.640957	45.7	0.000139	0.00003	0	13	1.5
13.84941	340.527529	317.257185	45.6	0.000147	0.00003	0	13	1.5
18.2698	347.972496	319.8	45.6	0.000214	0.00004	0	13	1.5
18.92194	355.417462	319.8	45.9	0.000276	0.00005	0	13	1.4
11.97157	361.5	340.104902	46	0.000214	0.00003	0	13	1.4
12.8069	361.5	319.8	46.8	0.000258	0.00004	0	13	1.4
21.06706	361.5	319.8	47	0.000256	0.00004	0.00001	13	1.4
16.84949	361.5	318.5008	46.5	0.000306	0.00005	0	13	1.4
22.00877	362.339697	335.331312	46.4	0.000375	0.00005	0.00001	13	1.3
31.38643	384.436984	320.007556	46.5	0.000482	0.00006	0.00001	13	1.3
22.0595	406.53427	316.9	46.5	0.000469	0.00006	0	13	1.3
24.77852	428.631557	319.8	47.2	0.000438	0.00005	0	13	1.3
13.67663	450.728844	365.01169	47.4	0.000276	0.00003	0	13	1.3
11.71378	429.663812	335.152868	47.8	0.000202	0.00003	0	13	1.3
11.29084	406.183149	319.8	47.9	0.000166	0.00002	0.00001	13	1.3
11.19924	382.702486	319.8	46.2	0.00015	0.00002	0.00005	13	1.2
12.08648	359.221823	332.930328	45.6	0.000162	0.00002	0.00007	13	1.1
13.53647	348.316216	326.131434	44.9	0.000189	0.00003	0.00008	13	1.1
16.7752	337.866698	322.7	44.7	0.00021	0.00003	0.00006	13	1
10.17553	327.417181	322.7	43.6	0.000192	0.00002	0.00002	13	1
10.25472	316.967663	321.125423	43.2	0.000173	0.00002	0.00001	13	1
9.40067	314	320.884026	42.3	0.000148	0.00002	0	13	1.1
10.37125	314	322.7	42	0.000113	0.00002	0	13	1.1
18.88855	314	322.7	40.5	0.000133	0.00003	0	13	1.1
20.58749	314	322.182285	39.9	0.000217	0.00003	0	13	1
15.12694	319.363645	320.215783	39.9	0.000257	0.00003	0	13	0.9
12.44399	329.56069	322.7	39.9	0.000189	0.00002	0	13	1
13.7257	339.757734	322.7	40.1	0.000205	0.00002	0	13	1
15.85341	349.954778	319.927143	40.2	0.000241	0.00003	0	13	1
18.38903	352.138657	332.219425	40	0.000309	0.00004	0.00004	13	1.1
16.10386	345.140066	319.8	40	0.000315	0.00003	0.00001	13	1
8.49583	338.141475	319.8	40.8	0.000214	0.00002	0	13	1.1
9.61176	331.142884	319.8	41.1	0.000175	0.00002	0	13	1

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11:37:30.434	19	1301
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11:37:32.434	20.5	1301
11:37:33.434	23.6	1302
11:37:34.434	27.3	1313
11:37:35.434	18.8	1317
11:37:36.434	19	1324
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11:37:39.434	4.4	1329
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11:37:46.434	22.1	902
11:37:47.434	22.9	901
11:37:48.434	22.8	899
11:37:49.434	20.8	851
11:37:50.434	22.4	796
11:37:51.434	22.9	798
11:37:52.434	23.1	801
11:37:53.434	22.1	801
11:37:54.434	22.5	799
11:37:55.434	22.8	799
11:37:56.434	22.8	803
11:37:57.434	22.7	798
11:37:58.434	22.5	799
11:37:59.434	22.2	798
11:38:00.434	22.2	801
11:38:01.434	22.7	803
11:38:02.434	22.5	801
11:38:03.434	23.4	794
11:38:04.434	26.4	798
11:38:05.434	26.2	801
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11:38:07.434	24.7	801
11:38:08.434	24.6	802
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11:38:14.434	22.4	1013
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11:38:19.434	27	802
11:38:20.434	26	807
11:38:21.434	23.5	806
11:38:22.434	42.1	796
11:38:23.434	84	697
11:38:24.434	89.6	990
11:38:25.434	97.2	1545
11:38:26.434	77.3	2062
11:38:27.434	16	2580

10.30228	321.844444	321.023043	41	0.000138	0.00002	0	13	1
9.63156	303.788889	316.9	40.9	0.000104	0.00002	0	13	1.1
9.25271	285.733333	316.9	40	0.000075	0.00001	0	13	1
9.64578	267.677778	316.9	39.7	0.000056	0.00001	0	13	0.9
9.77718	251.913545	283.641897	39.6	0.000046	0.00001	0	13	0.9
9.33615	246.87687	313.879051	39.6	0.000047	0.00001	0	13	0.9
9.49	241.840196	314	39.6	0.000051	0.00001	0	13	0.9
9.78243	236.803521	314	39.6	0.000054	0.00001	0	13	0.9
9.43177	232.041282	277.849677	39.5	0.000056	0.00001	0	13	0.9
9.77586	230.195726	309.913967	39.5	0.00006	0.00001	0	13	0.9
9.92974	228.35017	314	39.7	0.000064	0.00001	0	13	0.9
9.81672	226.504614	311	39.8	0.000069	0.00001	0	13	0.9
9.9862	224.659058	279.515254	40.1	0.000073	0.00002	0	13	1
9.90345	214.981395	301.954207	40.2	0.000074	0.00002	0	13	1
9.54743	205.04482	308.760904	40.5	0.000074	0.00002	0	13	1
10.14868	195.108245	308.1	40.6	0.000078	0.00002	0	13	1.1
14.86509	185.17167	285.331972	40.1	0.000105	0.00003	0	13	1.1
19.83585	180.611331	280.793689	39.9	0.000088	0.00003	0	13	1.1
9.73463	178.236269	303.020435	39.7	0.000036	0.00002	0	13	1.1
6.58	175.861207	302.1	39.6	0.000015	0.00001	0	13	1.1
6.68148	173.486145	283.005158	26.9	0.000012	0.00001	0	13	1.1
6.68729	174.63913	268.533861	22.7	0.00001	0.00001	0	13	1.1
6.71812	177.537681	299.3	13.7	0.000011	0.00001	0	13	1.1
6.77	180.436232	297.562988	10.8	0.000018	0.00001	0	13	1.1
6.33165	183.334783	291.157082	4.9	0.000024	0.00001	0	13	1.1
5.96667	185.020525	260.048961	2.9	0.00003	0.00001	0	13	1.1
6.02363	185.626433	293.8	0.7	0.000035	0.00001	0	13	1.1
6.01162	186.23234	293.8	0	0.000038	0.00001	0	13	1.1
5.90671	186.838248	288.825	0	0.00004	0.00001	0	13	1.1
5.95193	187.415556	258.880392	0	0.000041	0.00001	0	13	1.1
6.02582	187.971111	290.125882	0	0.000042	0.00001	0	13	1.1
5.97815	188.526667	288.4	0	0.000043	0.00001	0	13	1.1
5.94114	189.082222	285.82	0	0.000043	0.00001	0	13	1.1
6.01081	189.4	250.374109	0	0.000044	0.00001	0	13	1.1
5.99	189.4	284.963895	0	0.000044	0.00001	0	13	1.1
6.00415	189.4	283	0	0.000045	0.00001	0	13	1.2
6.06695	189.4	280.884487	0	0.000044	0.00001	0	13	1.2
6.20735	189.539789	238.258962	0	0.000045	0.00001	0	13	1.2
6.10677	190.129614	279.931432	0	0.000046	0.00001	0	13	1.2
6.06615	190.71944	277.4	0	0.000045	0.00001	0	13	1.2
6.13482	191.309265	276.019763	0	0.000044	0.00001	0	13	1.2
5.97688	191.8	233.53502	0	0.000044	0.00001	0	13	1.2
6.11063	191.8	274.252112	0	0.000045	0.00001	0	13	1.2
6.12926	191.8	272.082059	0	0.000046	0.00001	0	13	1.2
6.10044	191.8	272	0	0.000048	0.00001	0	13	1.1
6.00805	191.8	238.329298	0	0.000048	0.00001	0	13	1.1
5.91856	191.8	263.56348	0	0.000049	0.00001	0	13	1.1
6.09758	191.8	269.3	0	0.000049	0.00001	0	13	1.1
6.09382	191.8	266.6	0	0.00005	0.00001	0	13	1.1
13.17422	191.8	241.542	0	0.000065	0.00002	0	13	1.1
8.05394	191.8	255.260137	0	0.000059	0.00001	0	13	1.1
6.05	191.8	263.8	0	0.000049	0.00001	0	13	1.1
6.22735	191.8	263.8	0	0.000049	0.00001	0	13	1.1
6.19301	191.8	245.492205	0	0.000049	0.00001	0	13	1.1
6.0966	191.8	248.068071	0	0.000047	0.00001	0	13	1.1
6.11559	191.8	261.1	0	0.000045	0.00001	0	13	1.1
5.91238	191.8	258.489445	0	0.000045	0.00001	0	13	1.2
6.05	191.8	244.525	0	0.000048	0.00001	0	13	1.2
9.18214	215.942847	244.264006	0	0.00008	0.00002	0	13	1.3
15.56685	248.176287	256.721011	0	0.000141	0.00003	0	13	1.2
27.58523	280.409727	255.5	1.5	0.000363	0.00006	0	13	1.2
69.293	312.643167	263.574839	2	0.0011	0.00015	0	13	1.2
39.09002	352.538951	271.409229	10.2	0.000395	0.00007	0	13	1.3

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11:38:29.434	91.2	2435
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11:38:31.434	72.4	2160
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11:38:51.434	21	794
11:38:52.434	22.4	797
11:38:53.434	22.8	799
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11:38:55.434	22.8	800
11:38:56.434	22.8	799
11:38:57.434	22.4	802
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11:39:03.434	22.4	800
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11:39:05.434	22.4	798
11:39:06.434	22.1	800
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11:39:22.434	36.9	798
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11:39:28.434	39.7	799
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11:39:30.434	40.1	800

45.43142	395.909519	258.3	12.9	0.00051	0.00011	0	13	1.3
72.63871	439.280087	260.569553	18	0.001081	0.00017	0	13	1.3
51.79087	482.650656	282.865621	19.8	0.000543	0.00011	0	13	1.8
23.83811	483.706212	340.512475	26.7	0.000359	0.00016	0	13	3.5
25.15426	452.839917	276.835382	28.9	0.000277	0.00017	0	13	4.4
14.30746	421.973623	281.628378	31.2	0.000245	0.00013	0	13	4.4
14.88214	391.107328	285.659091	31.9	0.000209	0.00012	0.00017	13	4.5
15.02575	359.191456	319.891257	32.4	0.000204	0.00012	0.00027	13	4.3
14.22623	325.987573	291.1	32.6	0.000169	0.0001	0.00025	13	4.1
13.82289	292.783689	292.12118	32	0.000126	0.00009	0.0002	13	3.8
13.72434	259.579806	296.122817	31.8	0.00012	0.00011	0.00013	13	3.3
29.05	231.527342	271.911008	30.2	0.000118	0.00014	0.00003	13	2.9
28.72062	213.981267	296.6	29.7	0.000062	0.00012	0	13	2.5
27.17206	196.435193	296.6	28.1	0.000037	0.0001	0	13	2.2
25.16263	178.889119	296.6	27.5	0.000023	0.00009	0	13	2
21.31986	166.959981	245.449456	25.4	0.000016	0.00007	0	13	2
15.25185	164.677319	296.052778	24.7	0.00001	0.00005	0	13	2
6.36571	162.394658	293.110405	20.3	0.000007	0.00003	0	13	1.8
6.90118	160.111996	291.1	18.8	0.000006	0.00002	0	13	1.7
6.71183	159.403123	230.48556	13.7	0.000005	0.00002	0	13	1.6
6.8298	163.415617	290.917568	12	0.000005	0.00002	0	13	1.6
6.59199	167.428111	288.276944	7.1	0.000005	0.00002	0	13	1.6
6.56497	171.440605	285.7	5.5	0.000009	0.00002	0	13	1.6
6.14267	175.249504	237.191228	1.4	0.000017	0.00002	0	13	1.6
6.13	176.948419	277.398838	0	0.000026	0.00002	0	13	1.6
6.05618	178.647334	280.449605	0	0.000033	0.00002	0	13	1.6
6.08	180.346248	279.638399	0	0.000036	0.00002	0	13	1.6
6.04308	182.045163	250.975786	0	0.000039	0.00002	0	13	1.6
6.16484	182.798656	260.445693	0	0.000041	0.00002	0	13	1.6
6.14168	183.385309	274.7	0	0.000042	0.00002	0	13	1.6
5.97514	183.971963	272.252097	0	0.000043	0.00002	0	13	1.5
6.10431	184.558616	252.443038	0	0.000043	0.00002	0	13	1.5
6.14105	184.7	252.069772	0	0.000044	0.00002	0	13	1.4
6.08055	184.7	267.740882	0	0.000044	0.00002	0	13	1.4
6.2032	184.7	264.503684	0	0.000044	0.00002	0	13	1.4
6.25683	184.7	259.895923	0	0.000044	0.00002	0	13	1.4
6.03215	184.7	237.643418	0	0.000044	0.00002	0	13	1.4
6.03747	184.7	260.054825	0	0.000045	0.00002	0	13	1.4
6.07431	184.7	258.3	0	0.000045	0.00002	0	13	1.4
6.26865	184.7	258.3	0	0.000045	0.00002	0	13	1.4
6.18987	184.7	229.723301	0	0.000045	0.00002	0	13	1.4
6.13089	184.7	254.766304	0	0.000045	0.00001	0	13	1.3
6.1325	184.7	252.8	0	0.000045	0.00001	0	13	1.3
6.15613	184.7	252.8	0	0.000045	0.00001	0	13	1.3
6.13376	184.7	225.55719	0	0.000045	0.00001	0	13	1.3
6.13083	184.7	249.332478	0	0.000045	0.00001	0	13	1.3
6.08341	184.7	247.6	0	0.000046	0.00001	0	13	1.3
6.43685	184.7	247.6	0	0.000046	0.00001	0	13	1.3
6.25343	185.920941	221.505392	0	0.000045	0.00001	0	13	1.2
6.30626	189.41934	244.9	0	0.000045	0.00001	0	13	1.2
6.35304	192.917738	244.318778	0	0.000047	0.00001	0	13	1.2
6.41	196.416137	242.3	0	0.000051	0.00001	0	13	1.2
6.43436	199.450136	223.662975	0	0.000056	0.00001	0	13	1.2
6.41751	201.347154	242.3	0	0.000061	0.00001	0	13	1.2
6.37698	203.244173	241.654628	0	0.000064	0.00001	0	13	1.2
6.44048	205.141192	239.8	0	0.000066	0.00001	0	13	1.2
6.37787	206.8975	224.370617	0	0.000069	0.00001	0	13	1.2
6.36202	208.185379	239.661564	0	0.00007	0.00001	0	13	1.2
6.38	209.473258	237.3	0	0.000071	0.00001	0	13	1.2
6.4276	210.761136	237.3	0	0.000072	0.00001	0	13	1.2
6.42637	212.039416	225.865664	0	0.000073	0.00001	0	13	1.2
6.5103	213.291871	237.3	0	0.000074	0.00001	0	13	1.2
6.42845	214.544327	237.3	0	0.000076	0.00001	0	13	1.2

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6.60052	217.050716	226.060966	0	0.000077	0.00001	0	13	1.2
6.33808	218.310598	234.7	0	0.000078	0.00001	0	13	1.2
6.51377	219.570479	234.7	0	0.000078	0.00001	0	13	1.2
6.53837	220.830361	234.7	0	0.000079	0.00001	0	13	1.2
6.44387	222.087892	228.373352	0	0.00008	0.00001	0	13	1.2
6.58069	223.332209	234.506061	0	0.00008	0.00001	0	13	1.2
6.62883	224.576525	234.7	0	0.000079	0.00001	0	13	1.2
6.4608	225.820842	233.946088	0	0.00008	0.00001	0	13	1.2
6.50251	227.065159	230.337805	0	0.00008	0.00001	0	13	1.2
6.65745	227.1	231.678012	0	0.00008	0.00001	0	13	1.2
6.71453	227.1	232.2	0	0.000082	0.00001	0	13	1.2
6.46067	227.1	232.2	0	0.000081	0.00001	0	13	1.2
6.09044	227.1	230.844857	0	0.000078	0.00001	0	13	1.2
5.98517	223.350554	231.33	0	0.000079	0.00001	0	13	1.2
6.02846	218.844008	232.2	0	0.00008	0.00001	0.00001	13	1.3
6.08462	214.337462	232.2	0	0.000079	0.00001	0.00002	13	1.3
6.02	209.830916	225.545506	0	0.000074	0.00001	0.00005	13	1.3
5.99813	206.558007	228.592157	0	0.00007	0.00001	0.00005	13	1.3
6.05413	203.485922	232.2	0	0.000064	0.00001	0.00004	13	1.3
6.12823	200.413836	232.2	0	0.000059	0.00001	0.00003	13	1.2
6.09317	197.341751	225.355829	0	0.000055	0.00001	0.00002	13	1.2
6.0104	195.645669	226.144876	0	0.000053	0.00001	0.00002	13	1.2
6.07353	194.468903	232.2	0	0.000051	0.00001	0	13	1.2
6.11	193.292138	232.2	0	0.000049	0.00001	0	13	1.2
6.22896	192.115373	224.350857	0	0.000048	0.00001	0	13	1.2
6.1231	190.924803	225.738882	0	0.000048	0.00001	0	13	1.2
6.02947	189.729178	232.2	0	0.000047	0.00001	0	13	1.2
6.0595	188.533554	232.2	0	0.000047	0.00001	0	13	1.2
6.0767	187.337929	221.036006	0	0.000047	0.00001	0.00001	13	1.3
6.15308	186.628361	225.209257	0	0.000046	0.00001	0	13	1.3
6.19	186.039549	232.2	0	0.000046	0.00001	0.00001	13	1.3
6.16099	185.450736	232.2	0	0.000046	0.00001	0.00001	13	1.3
6.16	184.861923	223.215299	0	0.000046	0.00001	0	13	1.3
6.06095	184.264456	224.066825	0	0.000046	0.00001	0.00001	13	1.3
6.16627	183.663705	232.2	0	0.000047	0.00001	0.00001	13	1.3
6.16208	183.062954	232.2	0	0.000046	0.00001	0.00002	13	1.3
6.12736	182.462203	221.991667	0	0.000047	0.00001	0.00002	13	1.3
6.16505	182.3	219.307221	0	0.000047	0.00001	0.00002	13	1.3
6.14537	182.3	229.6	0	0.000047	0.00001	0.00002	13	1.3
6.05926	182.3	229.6	0	0.000047	0.00001	0.00001	13	1.3
6.12212	182.3	216.933091	0	0.000047	0.00002	0.00002	13	1.3
6.15224	181.817448	222.465622	0	0.000047	0.00001	0.00001	13	1.3
6.13837	181.264696	229.6	0	0.000047	0.00001	0.00002	13	1.3
6.08169	180.711944	229.6	0	0.000047	0.00002	0.00001	13	1.4
6.09812	180.159193	220.196667	0	0.000046	0.00002	0.00001	13	1.4
6.06946	180	218.204239	0	0.000046	0.00002	0.00001	13	1.4
5.99797	180	227.1	0	0.000046	0.00002	0	13	1.4
6.15834	180	227.1	0	0.000046	0.00002	0	13	1.4
6.13302	180	217.724645	0	0.000046	0.00002	0	13	1.4
6.17031	182.731031	217.883776	0	0.000046	0.00002	0	13	1.4
7.67619	186.136307	227.1	0	0.000056	0.00002	0	13	1.4
14.50788	189.541583	227.1	0	0.000071	0.00002	0	13	1.4
16.51633	192.946859	223.0403	0	0.00011	0.00003	0	13	1.4
27.02886	217.658372	217.111629	0.6	0.000295	0.00006	0	13	1.4
50.38298	254.77605	224.6	0.8	0.000704	0.00011	0	13	1.4
53.78311	291.893727	224.6	8.2	0.000703	0.00012	0	13	1.4
12.3152	329.011405	248.204516	10.7	0.000195	0.00005	0	13	1.4
20.38424	334.612007	250.904348	16.3	0.000148	0.00005	0	13	1.4
19.02039	331.009949	231.130913	18.1	0.000175	0.00004	0	13	1.3
15.87407	327.40789	232.2	19.5	0.000197	0.00004	0	13	1.3
18.13154	323.805832	250.215478	20	0.000241	0.00004	0.00012	13	1.3
19.22618	322.7	257.737463	21.6	0.00029	0.00004	0.00025	13	1.3

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24.63604	322.7	238.510784	22.1	0.000432	0.00006	0.00029	13	1.3
28.55037	322.7	241.357162	23.8	0.000436	0.00007	0.00011	13	1.3
27.53473	322.7	242.3	24.4	0.000377	0.00006	0	13	1.3
14.67973	323.014571	274.127701	26.6	0.000174	0.00003	0	13	1.3
8.73207	323.73939	247.6	27.3	0.000107	0.00002	0	13	1.2
20.99771	324.464209	248.880769	27.3	0.000142	0.00004	0	13	1.3
24.40936	325.189028	250.1	27.3	0.000299	0.00005	0	13	1.1
26.61769	337.525177	278.434608	28	0.000436	0.00006	0	13	1.1
31.66075	365.066	253.535837	28.2	0.000551	0.00006	0	13	1.1
30.46473	392.606824	256.673958	30.5	0.000594	0.00006	0	13	1.1
27.07188	420.147648	258.3	31.2	0.000557	0.00006	0	13	1
19.96438	437.495849	332.154642	33.2	0.000306	0.00003	0	13	1
20.00649	434.149937	263.8	33.9	0.000229	0.00004	0	13	1.1
22.39571	430.804025	264.909434	33.4	0.000288	0.00004	0	13	0.9
21.47735	427.458113	266.6	33.3	0.000348	0.00003	0	13	0.9
15.4612	415.524886	333.704167	34	0.000288	0.00003	0	13	0.9
10.50373	387.989352	272	34.2	0.000185	0.00002	0	13	0.9
10.13412	360.453818	272.639692	34.4	0.000163	0.00002	0	13	0.9
10.31376	332.918285	274.7	34.4	0.000126	0.00002	0	13	0.9
10.5326	309.404152	292.087395	33.6	0.000095	0.00002	0.00001	13	0.9
10.40666	301.581367	274.7	33.3	0.000081	0.00002	0	13	0.9
10.52771	293.758582	275.407838	33.1	0.000087	0.00002	0.00001	13	0.9
15.57749	285.935797	277.4	33.1	0.000135	0.00002	0	13	0.9
10.56198	277.614882	278.875519	33.5	0.000127	0.00002	0	13	0.9
10.53249	267.830954	280.1	33.6	0.000121	0.00002	0	13	0.9
11.20235	258.047026	280.1	34.5	0.000106	0.00002	0.00001	13	0.9
11.17711	248.263098	280.1	34.8	0.000095	0.00002	0.00003	13	0.9
10.97649	238.589375	260.660508	35.3	0.000085	0.00002	0.00002	13	0.9
11.35847	229.621778	279.192165	35.4	0.000078	0.00002	0.00003	13	0.9
11.20555	220.654182	280.1	35.9	0.000068	0.00002	0.00001	13	0.9
11.27899	211.686586	280.1	36	0.000059	0.00002	0.00001	13	0.9
11.51358	203.543647	242.416667	36.4	0.000055	0.00002	0.00001	13	0.9
11.32631	199.930966	279.535084	36.5	0.000054	0.00002	0	13	0.9
11.19125	196.318285	277.492647	36.6	0.000052	0.00002	0.00001	13	0.9
11.56755	192.705603	277.4	36.7	0.000051	0.00002	0	13	0.9
11.48171	188.900983	237.690917	36.3	0.000048	0.00002	0	13	0.9
8.95146	183.030189	274.7	36.2	0.000044	0.00001	0	13	0.9
10.11399	177.159396	274.7	36.7	0.000054	0.00001	0	13	0.9
9.09891	171.288602	272	36.8	0.000069	0.00002	0	13	1
18.48392	165.51681	228.566432	36.6	0.000086	0.00003	0	13	1
8.12917	166.717496	265.063265	36.6	0.000044	0.00002	0	13	1
8.70087	167.918182	269.282024	36.1	0.000027	0.00002	0	13	1
8.71522	169.118868	266.6	35.9	0.00002	0.00001	0	13	1
8.43055	170.319554	232.611838	35.8	0.000016	0.00001	0	13	1
9.08026	178.035284	252.934158	35.8	0.000033	0.00002	0	13	1
10.79363	186.218868	261.60266	35.4	0.000064	0.00002	0	13	1
8.63114	194.402453	260.843662	35.2	0.000075	0.00002	0	13	1.1
8.73618	202.586037	244.556429	35.2	0.000074	0.00002	0.00004	13	1.1
8.97746	210.8645	248.314516	35.2	0.000081	0.00002	0.00004	13	1.2
12.73005	219.1645	255.5	35.4	0.000127	0.00002	0.00005	13	1.2
11.28113	227.4645	252.8	35.4	0.000145	0.00002	0.00001	13	1.1
9.45192	235.7645	248.815845	35.5	0.000134	0.00002	0.00001	13	1.1
9.02518	251.083537	248.57263	35.6	0.000125	0.00002	0	13	1.1
8.77825	267.995853	250.1	35.7	0.000135	0.00002	0.0001	13	1.2
8.50951	284.908169	247.6	35.7	0.000178	0.00002	0.00074	13	1.2
15.33229	301.820485	262.568707	36	0.000253	0.00004	0.00231	13	1.2
20.06745	284.335628	256.077444	36.1	0.000187	0.00004	0.00169	13	1.2
20.50102	258.886895	245.684638	36.6	0.000096	0.00005	0.00053	13	1.3
20.61005	233.438161	244.9	36.7	0.000048	0.00005	0.0001	13	1.3
20.47772	207.989427	235.871086	37.3	0.000028	0.00005	0	13	1.3
20.46263	192.120504	233.951777	37.5	0.000019	0.00005	0	13	1.3
20.53104	179.530576	242.3	37.3	0.000015	0.00005	0	13	1.3
20.27467	166.940647	242.3	37.2	0.000015	0.00005	0	13	1.3

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11:41:45.434	19.2	885
11:41:46.434	20.6	893
11:41:47.434	20.6	898
11:41:48.434	21.2	899
11:41:49.434	20.9	902
11:41:50.434	21.8	899
11:41:51.434	22.6	901
11:41:52.434	21.4	900
11:41:53.434	20.6	887
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11:41:56.434	40.2	1416
11:41:57.434	62.9	1354
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11:42:12.434	0.8	2241
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11:42:17.434	67.5	1058
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11:42:19.434	79.6	1078
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11:42:23.434	32.2	1157
11:42:24.434	24.6	1151
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11:42:27.434	8.6	1173
11:42:28.434	6.1	1172
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20.35096	154.350719	234.867852	36.7	0.000015	0.00005	0	13	1.3
19.74758	145.879411	214.46642	36.6	0.000015	0.00005	0	13	1.4
19.40684	140.4523	241.330913	36.7	0.000014	0.00005	0	13	1.4
18.84912	135.025189	239.8	36.7	0.000014	0.00004	0	13	1.3
17.87292	129.598077	236.910014	35.7	0.000013	0.00005	0	13	1.5
13.61667	125.719182	198.190702	35.3	0.000011	0.00004	0	13	1.5
6.26466	123.614422	236.572816	33.3	0.000005	0.00002	0	13	1.5
6.50568	121.509663	234.7	32.6	0.000005	0.00002	0	13	1.5
6.84187	119.404903	234.7	29.3	0.000005	0.00002	0	13	1.5
6.80706	119.729135	182.053676	28.2	0.000005	0.00002	0	13	1.6
6.67398	126.147154	232.2	26	0.000005	0.00002	0	13	1.6
6.60835	132.565173	232.2	25.3	0.000005	0.00002	0	13	1.6
6.72813	138.983192	230.82	20.1	0.000005	0.00002	0	13	1.7
6.7234	144.915216	187.304286	18.4	0.000005	0.00002	0	13	1.7
6.82612	148.217882	226.543608	12.2	0.000012	0.00002	0	13	1.6
6.69408	151.520547	227.1	10	0.000022	0.00002	0	13	1.5
6.66356	154.823213	226.361214	5.3	0.00003	0.00002	0	13	1.5
6.06738	158.125879	203.206657	3.7	0.000036	0.00002	0	13	1.5
7.82597	168.643681	215.878902	1	0.000047	0.00002	0.00001	13	1.5
10.58862	179.814544	221.9	0	0.000061	0.00002	0	13	1.5
16.06489	190.985407	221.767665	1.5	0.000086	0.00003	0	13	1.5
18.93377	202.15627	214.672714	2	0.000161	0.00004	0	13	1.5
17.81565	228.929358	214.992535	5.6	0.000262	0.00005	0	13	1.5
22.72805	258.989114	214.49759	6.8	0.000412	0.00007	0.00014	13	1.5
50.41329	289.04887	214.2	11	0.000664	0.00013	0.00013	13	1.6
38.764	319.108626	253.008368	12.4	0.00041	0.0001	0.00002	13	1.6
25.33422	311.793343	227.291016	16.5	0.000185	0.00006	0.00001	13	1.6
15.71431	303.598198	216.8	17.8	0.000148	0.00005	0	13	1.6
18.00826	295.403052	216.865184	20.1	0.000212	0.00005	0.00001	13	1.4
24.25629	287.207907	236.343601	20.8	0.000285	0.00006	0.00005	13	1.4
28.37725	294.819883	231.18754	22.1	0.000367	0.00007	0.00003	13	1.4
32.6623	305.996209	223.796365	22.6	0.000428	0.00007	0	13	1.4
21.83359	317.172536	226.917154	25.4	0.000405	0.00007	0.00008	13	1.4
37.03706	328.348863	247.933521	26.4	0.000474	0.00009	0.00021	13	1.4
35.07253	319.261479	250.7325	28.1	0.000396	0.00008	0.00015	13	1.4
15.83447	302.564751	234.118743	28.7	0.000165	0.00003	0.00007	13	1.3
7.98738	285.868024	237.3	29.9	0.000098	0.00002	0.00005	13	1.3
8.09669	269.171296	246.090429	30.3	0.000071	0.00002	0.00004	13	1.2
11.39796	270.909065	244.192368	31.2	0.00006	0.00002	0.00001	13	1.1
9.57085	276.002523	239.8	31.5	0.000058	0.00002	0	13	1.1
9.76521	281.095981	241.863648	31.2	0.000089	0.00002	0	13	1.1
10.28376	286.189439	245.693472	31.1	0.00012	0.00002	0	13	1.1
11.5875	291.951373	256.627157	31.9	0.000165	0.00002	0	13	1.1
13.7843	298.225882	243.30274	32.2	0.000196	0.00002	0	13	1.1
13.72876	304.500392	244.9	32.9	0.000248	0.00003	0.00001	13	1.1
9.58744	310.774902	244.9	33.1	0.000212	0.00003	0	13	1.2
10.40993	307.299455	267.220575	34.2	0.00017	0.00002	0	13	1.2
10.88425	293.512327	245.973111	34.5	0.000122	0.00002	0.00001	13	1.2
8.93053	279.725198	247.6	35	0.000103	0.00002	0.00011	13	1.2
8.63579	265.938069	247.6	35.2	0.000093	0.00002	0.00015	13	1.2
8.79897	251.010986	251.45368	35.5	0.000083	0.00002	0.0001	13	1.2
8.85091	234.667904	247.6	35.6	0.000066	0.00002	0.00004	13	1.3
8.83	218.324822	247.6	35.7	0.000058	0.00002	0.00001	13	1.3
17.22572	201.98174	247.6	35.8	0.000085	0.00004	0	13	1.2
19.03451	187.733079	225.405577	35.3	0.000063	0.00004	0	13	1.2
18.54712	176.945489	247.6	35.2	0.000039	0.00004	0	13	1.2
18.27096	166.1579	247.6	34.7	0.000025	0.00004	0	13	1.2
17.58919	155.37031	247.6	34.6	0.000017	0.00004	0	13	1.2
16.93612	145.705672	197.989432	33.5	0.000013	0.00003	0	13	1.1
16.10688	140.923168	247.402348	33.1	0.000012	0.00003	0	13	1.1
6.44503	136.140663	244.963529	31.8	0.000008	0.00002	0	13	1
6.32168	131.358159	244.9	31.4	0.000005	0.00001	0	13	1.1
6.42508	126.848286	196.954085	29.4	0.000005	0.00001	0	13	1.1

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6.87568	132.551611	238.983696	28.7	0.000005	0.00001	0	13	1.1
6.79154	138.254936	242.3	24.1	0.000005	0.00001	0	13	1.1
6.57192	143.958261	242.3	22.6	0.000005	0.00001	0	13	1.1
6.65923	149.331996	199.137236	16.4	0.000005	0.00001	0	13	1.1
6.64727	152.194031	239.8	14.3	0.000006	0.00001	0	13	1.1
6.86	155.056067	239.448026	8.5	0.000014	0.00001	0	13	1.1
6.7985	157.918102	237.3	6.6	0.000024	0.00001	0	13	1.1
6.72276	160.732215	206.492339	3.8	0.000033	0.00001	0	13	1.1
6.73929	161.882742	234.293656	2.9	0.000038	0.00001	0	13	1.1
6.11245	163.033269	234.937059	2.3	0.000047	0.00001	0	13	1.1
7.5157	164.183797	234.149934	2.1	0.000051	0.00002	0	13	1.1
13.04634	165.334324	213.089326	1.8	0.000063	0.00002	0	13	1.1
9.2109	184.558733	220.082143	1.7	0.000068	0.00002	0	13	1.1
15.51868	206.823608	229.6	4.8	0.000095	0.00002	0.00001	13	1.1
24.22186	229.088484	227.405195	5.8	0.00018	0.00003	0.00002	13	1.1
14.07696	251.353359	230.66465	8.3	0.000244	0.00003	0.00007	13	1.1
13.97511	265.575326	231.800542	9.1	0.000185	0.00003	0.00003	13	1.1
17.81408	276.149928	222.992731	11.2	0.000207	0.00003	0.00007	13	1.1
16.02372	286.724529	221.9	11.9	0.000231	0.00003	0.00004	13	1.2
19.25428	297.299131	226.813662	14.5	0.000292	0.00004	0	13	1.2
23.68409	302.490096	247.322621	15.3	0.000372	0.00005	0	13	1.2
26.20318	303.204558	221.9	18.1	0.000429	0.00006	0	13	1.2
27.25417	303.919019	221.9	19	0.000387	0.00005	0.00004	13	1.2
12.83423	304.633481	224.398734	22.1	0.000184	0.00003	0.00001	13	1.2
13.16831	316.782258	252.010863	23.1	0.000126	0.00003	0.00002	13	1.2
16.73619	340.975806	225.335149	25.1	0.000144	0.00003	0.00006	13	1.1
26.80892	365.169355	227.1	25.8	0.000354	0.00005	0.00016	13	1.1
33.85379	389.362903	227.1	25.4	0.000503	0.00006	0.00008	13	1.2
24.79929	398.774343	303.423687	25.3	0.000545	0.00006	0.00001	13	1.2
22.77373	378.577174	233.070194	29.3	0.000388	0.00004	0	13	1.2
11.5311	358.380005	238.185496	30.6	0.000248	0.00003	0	13	1.2
21.92019	338.182836	239.8	33.1	0.000278	0.00004	0.00003	13	1.2
24.69292	313.803038	275.969544	33.9	0.000207	0.00005	0	13	1.2
24.44034	282.511361	245.480456	34	0.000106	0.00005	0	13	1.2
24.08254	251.219684	247.6	34.1	0.000051	0.00005	0	13	1.1
23.3024	219.928007	247.6	34	0.000028	0.00004	0	13	1
22.44105	194.957374	228.779327	33.9	0.00002	0.00004	0	13	1
21.96505	182.937172	250.568791	32.2	0.000016	0.00004	0	13	1
21.79636	170.91697	252.8	31.6	0.000016	0.00004	0	13	1
21.87257	158.896768	252.8	31.3	0.000016	0.00004	0	13	1
22.01311	151.928077	209.765554	31.2	0.000016	0.00004	0	13	1
19.32142	153.634808	249.688639	31.1	0.000014	0.00003	0	13	1
8.71273	155.341538	247.6	31.1	0.000008	0.00002	0	13	1
10.16064	157.048269	247.6	31.7	0.000007	0.00002	0	13	1
10.35152	160.989804	205.164909	31.9	0.000007	0.00002	0	13	1
10.63731	173.440784	244.596964	33.3	0.000032	0.00002	0	13	0.9
11.06337	185.891765	242.3	33.7	0.000082	0.00002	0	13	0.9
11.1359	198.342745	240.997761	35.4	0.000125	0.00002	0.00001	13	1
11.46979	207.323747	223.994866	36	0.000134	0.00002	0.00001	13	1.1
11.44	192.665519	236.715743	36.5	0.00012	0.00002	0.00002	13	1.2
23.62505	178.007291	234.514955	36.6	0.000126	0.00003	0.00003	13	1.2
25.13091	163.349063	232.2	36.2	0.00011	0.00005	0	13	1.2
24.9936	150.025432	190.666224	36.1	0.000056	0.00005	0	13	1.1
22.60084	142.864938	226.703589	35.4	0.000028	0.00004	0	13	1.1
18.29288	135.704444	224.678355	35.1	0.000014	0.00004	0	13	1.1
17.45248	128.543951	223.281298	30.8	0.000013	0.00003	0	13	1
15.90465	125.119217	174.237339	29.3	0.00001	0.00002	0	13	1
8.14552	147.144346	217.385856	25.8	0.000007	0.00002	0	13	1
8.88305	169.169475	219.23992	24.7	0.000018	0.00002	0	13	1
32.91955	191.194605	216.8	24.2	0.000146	0.00005	0	13	1
41.94842	216.44438	213.52037	24.1	0.00067	0.00008	0	13	1
48.86745	285.203504	214.074876	26.4	0.000848	0.00011	0	13	1.3
45.54669	353.962628	214.2	27.2	0.0009	0.00013	0	13	1.6

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11:44:21.434	22.9	803
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28.48162	422.721752	217.328	30.5	0.00077	0.00011	0	13	1.6
18.44954	491.480876	317.310585	31.6	0.000357	0.00006	0	13	1.7
11.38782	471.034184	256.767647	33	0.000164	0.00003	0	13	1.6
10.54675	446.773688	228.937954	33.5	0.000123	0.00003	0	13	1.6
20.06598	422.513192	232.093103	31.4	0.000163	0.00004	0	13	1.6
21.23045	398.252696	262.318167	30.6	0.000274	0.00005	0	13	1.3
22.70206	411.72329	268.624976	30.1	0.000406	0.00005	0	13	1.2
18.45251	436.655872	240.136775	30	0.000368	0.00005	0	13	1.3
13.42854	461.588453	242.3	30.4	0.000271	0.00003	0.00017	13	1.3
13.96246	486.521035	275.143881	30.5	0.000306	0.00003	0.00066	13	1.2
16.86441	483.68524	301.592609	29.9	0.000338	0.00004	0.00217	13	1.2
11.23104	468.25681	251.710991	29.7	0.000249	0.00003	0.00278	13	1.2
6.40444	452.82838	252.8	29.3	0.000193	0.00002	0.00245	13	1.2
6.56573	437.39995	279.361588	29.1	0.000156	0.00002	0.00168	13	1.2
6.61856	416.28125	302.740695	27.5	0.000118	0.00002	0.00097	13	1.2
6.72809	392.098558	258.3	27	0.000079	0.00001	0.0005	13	1.2
6.74124	367.915865	260.160949	23.7	0.000057	0.00001	0.00026	13	1
6.66924	343.733173	262.924053	22.6	0.000046	0.00001	0.00014	13	0.9
6.74	324.672881	284.759508	17.6	0.000042	0.00001	0.00005	13	0.9
6.7795	310.944068	264.912925	15.9	0.000043	0.00001	0.00002	13	0.9
6.79624	297.215254	266.6	11.2	0.000044	0.00001	0	13	0.9
6.62431	283.486441	268.930137	9.7	0.000045	0.00001	0	13	0.9
6.59206	271.862734	272	4.9	0.000044	0.00001	0	13	0.9
6.03319	263.98144	272	3.3	0.000044	0.00001	0	13	0.9
6.0313	256.100146	272.615468	0.8	0.000044	0.00001	0	13	0.9
6.03498	248.218852	274.7	0	0.000044	0.00001	0	13	0.9
6.06815	241.068582	260.182493	0	0.000044	0.00001	0	13	0.9
6.15246	236.123127	277.611397	0	0.000044	0.00001	0	13	0.9
5.87211	231.177673	280.1	0	0.000043	0.00001	0	13	0.9
6.08112	226.232218	280.1	0	0.000043	0.00001	0	13	0.9
5.94205	221.579229	252.245364	0	0.000043	0.00001	0	13	0.9
6.12869	218.992366	281.461237	0	0.000043	0.00001	0	13	0.9
5.91413	216.405503	283	0	0.000044	0.00001	0	13	0.9
6.11155	213.818641	284.368	0	0.000044	0.00001	0	13	0.9
6.10445	211.263649	249.459531	0	0.000044	0.00001	0	13	0.9
6.02	208.852872	285.627664	0	0.000044	0.00001	0	13	0.9
6.02176	206.442094	285.7	0	0.000045	0.00001	0	13	0.9
6.06895	204.031316	285.7	0	0.000045	0.00001	0	13	0.9
6.07267	201.620539	256.205874	0	0.000045	0.00001	0	13	0.9
6.10445	200.338347	276.216161	0	0.000045	0.00001	0	13	0.9
6.11	199.115554	285.7	0	0.000045	0.00001	0	13	0.9
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6.02	196.669968	263.4	0	0.000044	0.00001	0	13	0.9
6.04156	195.505725	271.314314	0	0.000045	0.00001	0	13	0.9
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6.11197	193.196143	283.036874	0	0.000045	0.00001	0	13	0.9
6.05622	192.041351	264.583199	0	0.000045	0.00001	0	13	0.9
6.14241	190.861424	266.340602	0	0.000045	0.00001	0	13	0.8
6.04043	189.674855	280.1	0	0.000045	0.00001	0	13	0.8
5.97	188.488286	280.1	0	0.000045	0.00001	0	13	0.8
6.0728	187.301717	257.041181	0	0.000045	0.00001	0	13	0.8
6.06234	192.670332	260.43781	0	0.000045	0.00001	0	13	0.8
6.40714	199.381575	274.7	0	0.000065	0.00001	0	13	0.8
13.07756	206.092818	274.7	0	0.000086	0.00002	0	13	0.8
18.95087	212.804061	259.782714	0.4	0.000156	0.00002	0	13	0.8
30.66435	232.603563	260.645707	0.6	0.000402	0.00004	0	13	0.8
31.55071	255.840386	267.417941	6.3	0.000452	0.00004	0	13	0.8
12.39599	279.077209	263.981867	8.2	0.000294	0.00003	0	13	0.8
25.25513	302.314031	272.446857	12.9	0.000357	0.00004	0	13	0.8
36.15144	323.577927	270.84901	14.4	0.000539	0.00005	0	13	0.8
36.31127	344.187683	261.1	17.6	0.000666	0.00005	0	13	0.8
19.67434	364.797439	263.183378	18.6	0.000337	0.00003	0	13	0.9
14.23864	385.407195	281.305007	23.4	0.000322	0.00003	0.00001	13	0.9

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23.83659	387.324123	298.283482	25	0.00032	0.00003	0	13	0.8
19.9951	379.219858	267.883168	25.6	0.000302	0.00003	0	13	0.8
12.99372	371.115592	269.3	25.8	0.000218	0.00002	0	13	0.8
12.83905	363.011327	271.896154	27.4	0.000196	0.00002	0	13	0.7
11.42105	354.610172	304.450245	28	0.000175	0.00001	0.0001	13	0.7
13.8239	345.817069	274.7	27.5	0.000186	0.00002	0.00019	13	0.6
21.64105	337.023966	274.7	27.3	0.000246	0.00002	0.00017	13	0.6
18.57236	328.230862	276.785366	27	0.000261	0.00002	0.00003	13	0.6
14.85887	337.347781	295.33125	26.9	0.000218	0.00002	0	13	0.6
13.86592	376.829671	277.934182	27.2	0.000207	0.00002	0.00021	13	0.6
14.13784	416.311562	280.1	27.3	0.000241	0.00002	0.00168	13	0.6
15.2548	455.793452	280.1	26.9	0.000302	0.00002	0.0032	13	0.6
17.388	492.341053	379.797691	26.8	0.000376	0.00002	0.00455	13	0.6
23.4689	517.29676	280.699007	26.7	0.00048	0.00003	0.00712	13	0.6
22.13957	542.252468	283.7236	26.7	0.000522	0.00003	0.00967	13	0.7
20.13527	567.208175	287.545	27.5	0.000463	0.00003	0.00929	13	0.8
14.37419	585.661186	427.119901	27.8	0.000344	0.00002	0.00588	13	0.8
13.23312	584.709734	296.787941	28.6	0.000317	0.00002	0.0052	13	0.8
13.6886	583.758283	299.516692	28.9	0.000284	0.00002	0.00357	13	0.8
14.80044	582.806831	303.724	27.9	0.000269	0.00002	0.00252	13	0.9
11.74484	575.141281	443.449429	27.5	0.000212	0.00002	0.00153	13	0.9
6.85601	530.018128	316.335545	26.3	0.000144	0.00002	0.00072	13	1
6.69	484.894975	319.578452	25.9	0.00009	0.00001	0.00028	13	1
6.67646	439.771823	323.844324	24.1	0.000059	0.00001	0.00011	13	1
6.68874	397.044868	358.081029	23.5	0.000045	0.00001	0.00004	13	0.9
6.61293	377.967351	333.839604	19	0.000039	0.00001	0.00002	13	0.9
6.73286	358.889833	334.198822	17.5	0.000037	0.00001	0	13	0.9
6.65729	339.812316	338.07473	12.8	0.000039	0.00001	0	13	0.8
6.60299	320.734798	334.086779	11.2	0.000042	0.00001	0	13	0.8
6.62637	310.473246	342.833268	6.4	0.000044	0.00001	0	13	0.8
6.1426	300.665934	348.297056	4.8	0.000052	0.00001	0	13	0.8
7.316	290.858622	355.4	1.2	0.000053	0.00001	0	13	0.8
7.91377	281.051309	334.751214	0	0.000051	0.00001	0	13	0.9
7.84031	277.014579	356.982382	0.7	0.000053	0.00001	0	13	0.9
8.45344	273.597722	367.092878	0.9	0.000058	0.00001	0	13	0.9
8.12543	270.180866	371.563843	0.7	0.000065	0.00001	0	13	0.9
7.94729	266.764009	336.321429	0.6	0.000072	0.00001	0	13	0.9
7.82452	264.022634	364.929406	0.7	0.000079	0.00001	0	13	0.9
8.06923	261.315317	379.59309	0.7	0.000086	0.00001	0	13	0.9
8.19587	258.608	380.3	0.6	0.00009	0.00001	0.00001	13	0.9
8.27752	255.900683	345.855853	0.5	0.00009	0.00001	0	13	0.9
8.35763	253.842167	362.751765	0.1	0.00009	0.00001	0.00002	13	0.9
8.40103	251.896355	383.3	0	0.000089	0.00001	0.00002	13	0.9
8.1402	249.950542	383.3	0.4	0.000091	0.00001	0.00002	13	0.8
8.73774	248.004729	353.311977	0.6	0.000101	0.00001	0.00003	13	0.8
9.79115	246.56099	357.856216	0.5	0.000109	0.00001	0.00004	13	0.8
9.7875	245.249109	377.2	0.5	0.000104	0.00001	0.00007	13	0.8
8.12286	243.937228	374.298665	0.1	0.000096	0.00001	0.00005	13	0.9
8.71864	242.625347	346.26294	0	0.000093	0.00001	0.00006	13	0.9
8.73852	241.395937	341.717292	0	0.00009	0.00001	0.00002	13	0.9
8.64812	240.193724	365.945283	0	0.000087	0.00001	0.00002	13	0.9
8.77267	238.991512	362.276032	0	0.000086	0.00001	0.00001	13	0.9
8.84082	237.7893	344.77101	0	0.000086	0.00001	0.00002	13	0.9
8.82581	236.929642	323.351496	0	0.000088	0.00001	0.00003	13	0.8
8.81043	236.305092	352.312941	0	0.00009	0.00001	0.00002	13	0.8
8.60153	235.680543	347.172497	0	0.00009	0.00001	0.00003	13	0.8
8.79529	235.055993	343.308123	0	0.00009	0.00001	0.00002	13	0.8
8.65721	234.7	301.904799	0	0.00009	0.00001	0.00003	13	0.8
8.74006	234.7	337.4	0	0.000089	0.00001	0.00003	13	0.8
8.77102	234.7	335.707027	0	0.000106	0.00001	0.00005	13	0.8
15.82339	234.7	331.520556	0	0.000143	0.00002	0.00006	13	0.9
15.22962	246.161642	293.481306	0	0.000167	0.00002	0.00005	13	0.9
15.85955	272.754779	323.983404	0	0.000218	0.00002	0.00004	13	0.8

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11:45:50.434	50.1	2077
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11:45:54.434	48.5	1941
11:45:55.434	62.7	1951
11:45:56.434	56.5	2168
11:45:57.434	10.4	2175
11:45:58.434	11.4	2138
11:45:59.434	10.1	2095
11:46:00.434	8.1	2038
11:46:01.434	7	1985
11:46:02.434	7.2	1937
11:46:03.434	4.2	1855
11:46:04.434	0	1779
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11:46:08.434	16.7	896
11:46:09.434	21	898
11:46:10.434	22.2	896
11:46:11.434	21.9	900
11:46:12.434	22.6	900
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11:46:15.434	28.7	827
11:46:16.434	50.4	921
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11:46:18.434	53.6	1398
11:46:19.434	57.7	1920
11:46:20.434	43.2	2446
11:46:21.434	40.2	2350
11:46:22.434	66.2	1716
11:46:23.434	54	1798
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11:46:25.434	37.1	2045
11:46:26.434	13	1999
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11:46:29.434	0.3	1335
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11:46:33.434	37.7	1274
11:46:34.434	57.4	1335
11:46:35.434	57.7	1409
11:46:36.434	53.7	1479
11:46:37.434	47.3	1534
11:46:38.434	24.8	1609
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11:46:40.434	23.7	1595
11:46:41.434	27.7	1611
11:46:42.434	29.2	1639
11:46:43.434	26.7	1677
11:46:44.434	24.8	1711
11:46:45.434	18.8	1733
11:46:46.434	9.4	1746
11:46:47.434	3.1	1745
11:46:48.434	12.1	1757
11:46:49.434	3.7	1763
11:46:50.434	0.2	1777
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25.67461	299.347917	318.585696	2.7	0.000388	0.00003	0	13	0.7
18.16492	325.941054	314.436559	3.6	0.000471	0.00004	0	13	0.7
35.53544	341.23036	321.759127	7.7	0.000654	0.00006	0	13	0.8
39.87248	335.618849	304.508619	9.1	0.000704	0.00007	0	13	0.8
25.64315	330.007338	302.1	12.6	0.000267	0.00003	0	13	0.8
19.65252	324.395827	300.6328	13.8	0.000205	0.00003	0	13	0.8
29.26332	318.582587	309.409931	16.5	0.000298	0.00004	0	13	0.8
23.36485	311.85655	296.676401	17.4	0.000354	0.00003	0	13	0.8
16.63344	305.130513	296.6	21.4	0.000294	0.00003	0	13	0.8
16.84913	298.404476	296.6	22.8	0.000211	0.00002	0.00008	13	0.8
16.04992	291.678439	293.875485	23.5	0.000148	0.00002	0.00012	13	0.8
15.12846	272.347649	293.68956	23.7	0.000106	0.00002	0.00008	13	0.8
14.61	251.830853	293.8	23.1	0.00008	0.00002	0.00008	13	0.7
14.50716	231.314057	292.764048	22.9	0.000063	0.00001	0.0001	13	0.6
13.98599	211.140553	257.95134	19.6	0.000053	0.00001	0.00007	13	0.6
13.34795	198.425859	286.42008	18.5	0.000049	0.00001	0.00008	13	0.6
26.60718	185.711164	291.1	18.7	0.000074	0.00003	0.00009	13	0.6
25.81586	172.996469	288.4	18.8	0.000047	0.00002	0.00001	13	0.6
12.77697	160.281775	250.873413	16.3	0.000015	0.00001	0	13	0.5
6.42812	160.907111	265.232157	15.5	0.000009	0.00001	0	13	0.5
6.67293	163.84973	285.7	13	0.000007	0.00001	0	13	0.5
6.71902	166.792349	283.105882	12.1	0.000006	0.00001	0	13	0.5
6.63779	169.734968	262.104214	7	0.000006	0.00001	0	13	0.5
6.73089	172.225203	258.459767	5.2	0.000007	0.00001	0	13	0.5
6.69604	174.583346	280.1	3.3	0.000012	0.00001	0	13	0.5
6.65753	176.941489	277.799698	2.6	0.000021	0.00001	0	13	0.5
7.80997	179.299632	265.401449	0.6	0.000035	0.00001	0	13	0.5
9.7224	190.127536	255.242299	0	0.000046	0.00001	0	13	0.6
11.87618	204.533703	273.066071	2.1	0.000056	0.00001	0	13	0.6
12.65981	218.93987	272	2.8	0.000102	0.00001	0	13	0.6
24.99986	233.346037	266.948315	5.9	0.000234	0.00002	0	13	0.6
27.71894	249.920682	257.242023	6.9	0.000427	0.00003	0.00001	13	0.6
18.2732	268.255251	262.826931	10.9	0.000262	0.00002	0.00001	13	0.6
18.6143	286.58982	261.1	12.2	0.000234	0.00002	0.00006	13	0.6
20.99595	304.924388	258.481377	15.2	0.000267	0.00002	0.00003	13	0.6
18.06018	307.207317	277.351014	16.2	0.000262	0.00002	0.00001	13	0.5
15.68659	293.75646	258.3	20	0.000252	0.00001	0.00006	13	0.5
16.13378	280.305603	258.3	21.3	0.000226	0.00001	0.00037	13	0.5
8.73858	266.854745	258.3	21.9	0.00016	0.00001	0.00039	13	0.5
7.98135	251.617874	258.3	22.1	0.00012	0.00001	0.00029	13	0.5
13.14043	233.260386	258.3	22.1	0.000096	0.00001	0.00021	13	0.5
21.83158	214.902899	258.3	22.1	0.000115	0.00002	0.00016	13	0.5
21.91	196.545411	258.3	21.6	0.000079	0.00002	0.00003	13	0.5
19.61162	184.9921	222.649362	21.4	0.000028	0.00001	0	13	0.4
9.34129	197.010405	258.3	21	0.000014	0.00001	0	13	0.3
15.31023	209.028709	258.3	20.9	0.000014	0.00001	0	13	0.3
18.85417	221.047013	258.3	22.2	0.000072	0.00001	0	13	0.3
19.56078	234.704274	246.931513	22.6	0.000186	0.00001	0.00002	13	0.3
14.41786	269.485862	256.935799	24.1	0.000222	0.00001	0	13	0.4
14.51172	304.26745	258.3	24.6	0.000216	0.00001	0.00003	13	0.4
12.20032	339.049037	258.3	24.7	0.000205	0.00001	0.00019	13	0.5
11.90675	373.830625	289.571067	24.7	0.000215	0.00001	0.00105	13	0.5
12.1025	362.761643	277.764025	24.9	0.000184	0.00001	0.00117	13	0.5
12.42218	341.215749	258.3	25	0.000145	0.00001	0.00061	13	0.6
12.3085	319.669855	258.3	26.7	0.000121	0.00001	0.00031	13	0.5
12.91	298.123961	261.734416	27.3	0.000118	0.00001	0.00019	13	0.5
12.97061	278.455306	266.353571	31.9	0.000123	0.00001	0.00019	13	0.6
13.13798	259.694633	258.3	33.4	0.000117	0.00001	0.00018	13	0.5
13.06196	240.93396	258.3	28.8	0.000102	0.00001	0.00013	13	0.5
13.55577	222.173286	254.68986	27.3	0.000085	0.00001	0.00013	13	0.5
19.0079	208.141544	247.216667	28.7	0.000086	0.00001	0.00012	13	0.5
19.45259	197.6051	261.1	29.1	0.00008	0.00002	0.00014	13	0.4
12.35824	187.068655	261.1	31.9	0.000028	0.00001	0.00002	13	0.4

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11:46:53.434	9.3	1861
11:46:54.434	6.9	1879
11:46:55.434	6.1	1913
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11:46:57.434	9.1	1955
11:46:58.434	15.8	1984
11:46:59.434	24.3	2003
11:47:00.434	32.4	1999
11:47:01.434	51	1999
11:47:02.434	61.3	2002
11:47:03.434	59.7	2010
11:47:04.434	56	2010
11:47:05.434	43.3	1995
11:47:06.434	27.3	1978
11:47:07.434	11.4	1957
11:47:08.434	10.4	1938
11:47:09.434	8.1	1920
11:47:10.434	5.9	1925
11:47:11.434	6	1940
11:47:12.434	6.7	1961
11:47:13.434	9.3	1990
11:47:14.434	12.7	2027
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11:47:22.434	1.5	2055
11:47:23.434	1.8	2002
11:47:24.434	2.7	1938
11:47:25.434	4.8	1869
11:47:26.434	5.7	1800
11:47:27.434	1.5	1721
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11:47:30.434	0	1445
11:47:31.434	10.5	1091
11:47:32.434	15.5	896
11:47:33.434	21.2	897
11:47:34.434	21.2	898
11:47:35.434	21.5	899
11:47:36.434	21.7	899
11:47:37.434	22.3	900
11:47:38.434	20.8	892
11:47:39.434	20.2	856
11:47:40.434	25.6	775
11:47:41.434	27.5	785
11:47:42.434	23	834
11:47:43.434	20.5	985
11:47:44.434	29.5	1025
11:47:45.434	56.5	1367
11:47:46.434	66.4	1357
11:47:47.434	82.3	1438
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11:47:50.434	61.7	2491
11:47:51.434	94.5	1873
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11:47:54.434	37.8	1490

13.61545	176.532211	261.1	32.9	0.000021	0.00001	0.00001	13	0.4
14.35452	168.68429	229.426395	30.7	0.000022	0.00001	0.00002	13	0.3
13.63449	164.579721	262.968824	29.9	0.00003	0.00001	0.00004	13	0.4
14.66832	160.475153	261.1	30.4	0.000039	0.00001	0.00004	13	0.4
14.45638	156.370584	261.1	30.6	0.000042	0.00001	0.00002	13	0.4
14.48833	155.745	213.636977	31.7	0.000043	0.00001	0.00009	13	0.4
14.39498	162.345	258.3	32.1	0.000041	0.00001	0.00016	13	0.4
14.98662	168.945	257.513961	32.6	0.000043	0.00001	0.00019	13	0.4
14.85032	175.545	255.5	32.8	0.000064	0.00001	0.00012	13	0.4
20.28943	189.571862	222.928261	32.9	0.000131	0.00001	0.00013	13	0.4
25.37528	219.023743	252.096277	32.9	0.000252	0.00002	0.00011	13	0.4
23.04212	248.475625	249.083333	32.9	0.00031	0.00002	0.00007	13	0.5
19.66626	277.927507	247.6	32.9	0.00029	0.00002	0.00005	13	0.5
14.71011	291.029118	265.706098	33.2	0.000253	0.00002	0.00001	13	0.6
14.60267	275.80813	244.9	33.3	0.000222	0.00001	0.00015	13	0.5
14.76553	260.587143	244.9	33	0.000196	0.00001	0.00027	13	0.6
14.49696	245.366155	243.437047	32.9	0.000164	0.00001	0.0003	13	0.6
14.35857	230.517737	237.43441	32.4	0.000123	0.00001	0.00023	13	0.6
14.26963	218.056529	242.129663	32.2	0.000093	0.00001	0.00018	13	0.6
14.23249	205.595321	242.3	32	0.000073	0.00001	0.00019	13	0.5
14.39188	193.134113	242.3	31.9	0.00006	0.00001	0.00018	13	0.5
15.00831	180.672905	220.538873	32.2	0.000052	0.00001	0.00021	13	0.5
14.80735	177.763153	235.343577	32.3	0.000049	0.00001	0.00016	13	0.5
15.71251	175.398621	242.3	33	0.000052	0.00001	0.00015	13	0.5
16.542	173.034089	242.3	33.3	0.000061	0.00001	0.00012	13	0.5
16.44128	170.669557	222.498033	34.3	0.000067	0.00001	0.00012	13	0.5
16.17347	167.249778	234.657701	34.6	0.000066	0.00001	0.00017	13	0.5
15.66868	163.694222	240.311869	35.1	0.000058	0.00001	0.00021	13	0.5
15.7235	160.138667	239.661751	35.3	0.000047	0.00001	0.00018	13	0.5
15.63748	156.583111	215.257394	35	0.000037	0.00001	0.00008	13	0.5
15.42458	151.80973	223.550735	34.9	0.000045	0.00001	0.00008	13	0.5
15.1983	146.797445	235.424449	34.5	0.000051	0.00001	0.00005	13	0.5
14.33386	141.78516	234.489157	34.4	0.000046	0.00001	0.00002	13	0.5
13.67344	136.772875	210.763483	33	0.000032	0.00001	0.00003	13	0.5
13.41981	133.521125	211.256591	32.5	0.000023	0.00001	0.00002	13	0.5
12.88402	130.807188	228.143095	30.8	0.000017	0.00001	0.00007	13	0.5
12.50597	128.093252	227.1	30.3	0.000025	0.00001	0.00007	13	0.5
26.35109	125.379315	211.178023	28.3	0.000041	0.00002	0.00013	13	0.5
25.00019	124.849929	198.13252	27.7	0.000035	0.00002	0.0001	13	0.5
14.46894	125.367576	220.661176	25.6	0.00002	0.00002	0.00009	13	0.5
5.93969	125.885224	219.3	24.9	0.000007	0.00001	0.00003	13	0.5
6.73954	126.402871	216.913333	21.5	0.000005	0	0.00002	13	0.4
6.66896	128.737837	183.477161	20.4	0.000005	0	0.00002	13	0.4
6.70548	133.52149	216.110204	16.7	0.000005	0	0	13	0.4
6.74	138.305144	214.2	15.5	0.000005	0	0.00002	13	0.4
6.76402	143.088798	212.338158	10.4	0.000007	0	0.00002	13	0.4
6.68529	147.36762	182.503061	8.7	0.000015	0	0.00002	13	0.4
6.33734	150.253412	211.509594	4.3	0.000024	0	0.00002	13	0.4
6.33948	153.139203	209.2	2.9	0.000037	0.00001	0.00003	13	0.4
6.46621	156.024994	207.874308	0.7	0.000038	0	0.00003	13	0.4
6.02194	159.012709	182.834059	0	0.00004	0	0.00002	13	0.4
6.88079	162.47434	206.6	0	0.000045	0.00001	0.00003	13	0.4
7.47935	165.935972	206.6	0	0.000051	0.00001	0.00003	13	0.4
11.62709	169.397603	204.1	0	0.000072	0.00001	0.00011	13	0.4
17.25771	174.675567	189.868571	0	0.000106	0.00001	0.00015	13	0.4
21.13662	217.62267	199.608235	1	0.00022	0.00001	0.00019	13	0.4
36.04264	260.569773	201.5	1.4	0.000489	0.00002	0.00025	13	0.4
39.81945	303.516877	201.5	7.8	0.00068	0.00004	0.00026	13	0.5
13.7923	343.822501	262.693924	9.9	0.000363	0.00002	0.00016	13	0.5
37.73635	352.013298	211.052008	14.9	0.000398	0.00002	0.00006	13	0.5
29.80386	360.204095	206.298234	16.5	0.000722	0.00004	0.00005	13	0.5
24.2464	368.394893	209.688462	20.8	0.000316	0.00002	0.00006	13	0.5
17.65879	376.58569	268.926582	22.2	0.000223	0.00002	0.00007	13	0.5

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18.36578	386.311655	232.235909	24	0.000205	0.00002	0.00002	13	0.5
32.23652	396.162094	221.914458	24.6	0.000405	0.00002	0	13	0.5
29.34594	406.012532	225.572012	25.7	0.000498	0.00002	0.00004	13	0.4
28.14087	416.272642	307.06962	26.1	0.000553	0.00002	0.00308	13	0.4
26.13806	434.839498	246.170923	28.7	0.000583	0.00003	0.0071	13	0.5
24.23062	453.406353	239.030754	29.6	0.000465	0.00002	0.00596	13	0.5
15.7129	471.973209	243.642857	31.3	0.000331	0.00002	0.00339	13	0.6
22.11176	490.540064	333.82194	31.9	0.00035	0.00003	0.00202	13	0.7
24.12296	483.195085	276.057199	32.4	0.000375	0.00003	0.00083	13	0.7
21.25563	475.48219	259.220603	32.6	0.000416	0.00003	0.00023	13	0.6
19.77976	467.769294	267.235724	34.5	0.000363	0.00002	0.00004	13	0.6
13.79249	460.056399	324.748031	35.1	0.000248	0.00001	0.00001	13	0.5
7.31778	433.83445	305.773907	36.3	0.00015	0.00001	0	13	0.6
6.38714	404.992498	283.981569	36.7	0.000116	0.00001	0	13	0.6
10.08542	376.150546	285.7	37.3	0.000116	0.00001	0	13	0.6
15.07992	347.308594	299.40251	37.5	0.000129	0.00001	0	13	0.5
15.49783	336.496446	300.969853	37.3	0.000138	0.00001	0	13	0.3
11.22194	331.471936	294.157353	37.3	0.000143	0.00001	0	13	0.3
12.37793	326.447426	296.6	36.9	0.000123	0.00001	0.00002	13	0.3
14.34702	321.422917	299.291735	36.7	0.000114	0.00001	0.00002	13	0.3
20.46265	341.747147	305.81414	37	0.000215	0.00001	0.00004	13	0.3
24.81937	374.165386	302.1	37.1	0.000397	0.00001	0.00004	13	0.2
23.74612	406.583624	304.079434	37.2	0.000439	0.00001	0.00002	13	0.2
19.882	439.001862	307.904429	37.3	0.000395	0.00001	0	13	0.2
13.18338	443.470452	357.355977	38.5	0.000279	0.00001	0	13	0.2
9.83681	418.614822	308.1	38.9	0.000195	0	0	13	0.2
9.39097	393.759192	308.1	38.9	0.000142	0	0	13	0.3
9.53218	368.903561	305.529955	38.9	0.00013	0	0	13	0.3
8.50239	346.887222	324.758521	37.4	0.000121	0	0.00001	13	0.3
8.52788	330.583672	305	36.9	0.000106	0	0.00004	13	0.3
8.33044	314.280122	305	35.3	0.000089	0	0.00003	13	0.3
8.14724	297.976573	305	34.8	0.000075	0	0.00004	13	0.3
10.86549	285.531973	296.071408	33.8	0.000084	0.00001	0.00005	13	0.3
11.58063	284.851701	304.853283	33.5	0.000082	0.00001	0.00002	13	0.3
7.8737	284.171429	302.1	33	0.000085	0	0.00002	13	0.3
7.6186	283.491156	302.1	32.8	0.000092	0	0	13	0.3
8.45659	281.675533	293.767363	32.6	0.000104	0	0	13	0.3
8.24587	276.911266	302.1	32.6	0.000104	0	0.00001	13	0.3
8.12403	272.146998	302.1	31.8	0.000097	0	0.00004	13	0.3
7.30958	267.38273	302.1	31.6	0.000091	0	0.00004	13	0.3
7.02753	260.86398	283.065456	31.3	0.000093	0	0.00003	13	0.3
7.29375	249.025189	299.3	31.2	0.000098	0	0.00003	13	0.3
8.22795	237.186398	299.207764	30.1	0.00012	0.00001	0.00002	13	0.3
15.87146	225.347607	296.6	29.7	0.000134	0.00001	0.00001	13	0.3
14.75834	225.265237	261.315882	28.6	0.000092	0.00001	0	13	0.3
7.68738	255.715731	296.33098	28.2	0.000105	0.00001	0	13	0.3
24.3775	286.166225	293.8	28.7	0.000283	0.00001	0.00001	13	0.3
51.13061	316.616719	292.427397	28.8	0.000545	0.00002	0	13	0.3
55.31488	343.957978	315.97426	28.5	0.000722	0.00003	0.00005	13	0.3
59.39512	349.926309	292.715504	28.4	0.000675	0.00003	0	13	0.3
14.80633	355.894641	291.1	30.9	0.000289	0.00001	0.00001	13	0.3
27.53979	361.862972	291.1	31.8	0.000269	0.00001	0.00001	13	0.3
26.39141	367.916393	321.875853	32.5	0.000333	0.00001	0.00003	13	0.2
25.92968	377.752459	294.260879	32.8	0.000378	0.00001	0.00004	13	0.3
22.74572	387.588525	291.1	33.3	0.000383	0.00002	0.00001	13	0.4
23.5707	397.42459	291.1	33.5	0.000394	0.00002	0.00007	13	0.4
22.73264	403.502156	347.865019	34.2	0.000406	0.00002	0.00015	13	0.5
22.11	392.341019	293.492395	34.5	0.000361	0.00002	0.0002	13	0.5
16.6923	381.179882	293.8	34.7	0.000303	0.00002	0.00013	13	0.5
16.51139	370.018744	293.8	34.8	0.000278	0.00001	0.0002	13	0.5
23.56393	358.857607	317.851058	34.3	0.000333	0.00002	0.00033	13	0.5
20.78147	360.507443	303.355588	34.1	0.000354	0.00002	0.00027	13	0.5
26.30299	362.704986	296.6	33.6	0.000396	0.00002	0.00012	13	0.4

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25.2965	364.902528	296.6	33.4	0.000357	0.00002	0.00002	13	0.4
15.87646	367.100071	310.699574	33.5	0.000289	0.00001	0.00005	13	0.4
20.81475	365.448149	312.405022	33.6	0.00032	0.00001	0.00018	13	0.4
21.355	362.350693	299.3	33.2	0.000316	0.00001	0.00022	13	0.4
19.22362	359.253236	299.3	33	0.000313	0.00001	0.00008	13	0.4
23.90468	356.155779	311.745522	33.1	0.000342	0.00002	0.00006	13	0.4
21.45171	356.530294	311.188379	33.1	0.000335	0.00002	0.00005	13	0.5
19.78099	358.025392	299.3	33.5	0.000318	0.00002	0.00002	13	0.5
23.89194	359.52049	299.3	33.6	0.00033	0.00002	0.00009	13	0.5
20.34363	361.015588	306.620537	34.1	0.0003	0.00002	0.00007	13	0.4
15.61732	352.943849	314.804665	34.3	0.00026	0.00001	0.00013	13	0.4
16.03185	340.286822	299.3	34.8	0.000229	0.00001	0.00022	13	0.3
16.01695	327.629794	299.3	35	0.000211	0.00001	0.00033	13	0.3
15.92997	314.972766	299.355775	35	0.0002	0.00001	0.00031	13	0.3
16.16325	310.951524	302.4	35	0.000196	0.00001	0.00028	13	0.3
18.7632	317.191184	298.541038	35.2	0.00029	0.00001	0.00041	13	0.3
23.28828	323.430844	296.6	35.2	0.000276	0.00001	0.00028	13	0.2
21.96191	329.670503	296.6	35.8	0.000248	0.00001	0.00022	13	0.2
19.9537	340.243799	314.164883	36	0.000323	0.00001	0.00072	13	0.2
19.06782	365.658838	296.6	36.5	0.000342	0.00001	0.00147	13	0.2
17.2582	391.073877	296.6	36.6	0.000318	0	0.00163	13	0.2
16.83003	416.488916	296.6	36.5	0.000323	0.00001	0.0012	13	0.2
32.08071	444.159689	365.538211	36.4	0.000382	0.00001	0.00073	13	0.2
24.15447	486.926526	305.012277	36.4	0.000314	0.00001	0.00023	13	0.2
18.953	529.693363	305.027821	36.4	0.000322	0.00001	0.00035	13	0.2
21.70361	572.460199	308.1	36.1	0.0004	0.00001	0.00123	13	0.2
22.37435	613.984962	431.863502	36	0.000464	0.00001	0.00265	13	0.3
17.02073	583.688611	327.120351	35.5	0.000415	0.00001	0.00367	13	0.3
17.58239	553.392261	319.209207	35.4	0.000381	0.00001	0.00321	13	0.3
23.67642	523.09591	323.296136	35.2	0.000427	0.00002	0.0022	13	0.3
26.75177	492.799559	384.207898	35.2	0.000397	0.00002	0.00066	13	0.3
23.19577	482.927203	354.289583	35.3	0.000315	0.00001	0.00017	13	0.3
16.81865	474.498084	344.017507	35.4	0.000263	0.00001	0.0001	13	0.2
11.58786	466.068966	349.027927	35.4	0.000191	0	0.00019	13	0.2
13.93684	457.639847	374.554085	35.4	0.000203	0	0.00024	13	0.2
16.63812	457.550735	376.667941	34.3	0.000189	0	0.00018	13	0.2
17.48214	460.124265	358.79421	33.9	0.000219	0	0.00006	13	0.2
19.59116	462.697794	361.5	34.1	0.000294	0.00001	0.00001	13	0.2
19.60533	465.271324	376.694375	34.2	0.000346	0.00001	0.00001	13	0.2
20.07522	473.532322	392.178338	34.7	0.000388	0.00001	0.00001	13	0.2
20.87059	484.494448	369.214946	34.9	0.000414	0.00001	0.00006	13	0.2
20.88035	495.456575	370.8	35.5	0.000425	0.00001	0.00004	13	0.2
20.65733	506.418701	373.96087	35.7	0.00042	0.00001	0.00004	13	0.2
19.52556	511.510701	425.368544	36.3	0.000395	0.00001	0.00004	13	0.2
18.40791	508.725458	374.1	36.5	0.000391	0.00001	0.00005	13	0.2
20.85088	505.940215	374.1	36.3	0.000391	0.00001	0.00007	13	0.2
18.65731	503.154972	374.1	36.2	0.000377	0.00001	0.00003	13	0.2
16.07929	491.411573	427.318879	36.7	0.000342	0	0.00001	13	0.2
12.80555	461.805505	373.578579	36.9	0.000245	0	0	13	0.2
8.40011	432.199437	370.8	36.9	0.000176	0	0	13	0.2
8.31357	402.593369	370.8	36.9	0.000148	0	0	13	0.2
7.9217	375.293001	374.858952	35.5	0.000125	0	0.00001	13	0.2
7.78327	355.021749	367.7	35	0.000104	0	0.00002	13	0.2
7.62698	334.750496	367.7	33.1	0.000078	0	0.00002	13	0.1
7.40413	314.479244	367.7	32.5	0.000058	0	0.00004	13	0.1
6.90959	295.578791	334.205783	30.9	0.000045	0	0.00004	13	0.1
6.70643	286.924476	364.6	30.4	0.000037	0	0.00003	13	0.1
6.53019	278.270161	364.6	28.7	0.000036	0	0.00003	13	0.1
6.61976	269.615846	363.44791	28.2	0.000036	0	0.00003	13	0.1
6.78372	261.371774	321.130833	23.7	0.000041	0	0.00002	13	0
18.48527	278.357661	357.667527	22.2	0.000252	0	0.00008	13	0
79.33638	295.343548	361.5	18.4	0.000674	0	0.00018	13	0
55.10824	312.329435	355.4	17.1	0.000346	0.00001	0.00001	13	0.1

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11:50:04.434	24.8	1693
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11:50:06.434	84.4	1554
11:50:07.434	92.1	1664
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11:50:09.434	87.9	1901
11:50:10.434	81.5	1964
11:50:11.434	71.1	2025
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11:50:15.434	58.3	2059
11:50:16.434	33.5	2069
11:50:17.434	20.7	2030
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11:50:20.434	27.5	2019
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11:50:23.434	28.3	2073
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11:50:27.434	20	2114
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11:50:40.434	43.7	2129
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11:50:42.434	34.5	2125
11:50:43.434	23.2	2120
11:50:44.434	32	2101
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11:50:46.434	38.3	2117
11:50:47.434	14.6	2066
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11:50:52.434	0	1780
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11:50:56.434	21.4	898
11:50:57.434	21.6	898
11:50:58.434	22.1	900
11:50:59.434	21.6	901
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11:51:01.434	22.4	900
11:51:02.434	22	856
11:51:03.434	22.6	803

35.99039	328.88833	342.778571	18.6	0.000375	0.00002	0.00007	13	0.4
33.4698	336.978549	347.744284	19.2	0.000526	0.00003	0.00008	13	0.4
19.67579	345.068767	346.324048	22.2	0.000318	0.00003	0.00001	13	0.8
10.40427	353.158985	345.07467	23.2	0.000186	0.00003	0.00001	13	1.5
18.57333	361.249203	349.754073	24.7	0.000226	0.00005	0.00004	13	1.7
26.09706	389.7298	345.177407	25.2	0.000309	0.00007	0.00003	13	1.7
32.75923	418.86272	340.962611	25.1	0.000506	0.00009	0	13	1.7
31.77853	447.995641	340.3	25.1	0.000614	0.0001	0	13	1.6
25.32567	477.128561	368.25892	27.9	0.000535	0.00008	0	13.5	1.6
26.51886	470.038696	369.182713	28.8	0.000483	0.00008	0.00006	13.5	1.6
26.62563	452.190052	340.3	31.1	0.000449	0.00007	0.00004	13	1.7
24.99573	434.341409	340.3	32	0.000379	0.00007	0.00003	13.5	1.7
14.20978	416.492765	345.7121	33.6	0.000277	0.00005	0.00005	14	1.7
20.95395	398.486094	363.495601	34.1	0.000297	0.00006	0.00014	14	1.7
23.72545	380.359722	343.2	33.8	0.000277	0.00006	0.00019	14	1.7
15.2129	362.23335	343.2	33.7	0.000245	0.00005	0.00005	14	1.5
14.77475	344.106977	343.2	34.2	0.00022	0.00004	0.00017	14	1.5
14.78968	329.587187	339.291675	34.3	0.00019	0.00004	0.0003	14	1.5
15.28028	319.134393	340.3	33.4	0.000163	0.00004	0.00029	14	1.4
14.88318	308.681599	340.3	33.1	0.000153	0.00003	0.00017	14	1.3
14.47945	298.228805	340.3	33.3	0.000164	0.00003	0.00017	14	1.1
15.09989	287.398413	319.425322	33.4	0.000157	0.00003	0.00022	14	1
14.93919	275.758201	337.4	34	0.000154	0.00003	0.00021	14	1
15.92887	264.117989	337.4	34.2	0.000158	0.00002	0.00024	14	0.8
15.66885	252.477778	334.979666	34.4	0.000154	0.00002	0.00026	14	0.7
14.83967	245.558176	297.47527	34.5	0.000128	0.00002	0.00026	14	0.8
15.56677	247.444068	331.4	34.6	0.000102	0.00002	0.00025	14	0.8
17.08969	249.329959	330.74307	34.6	0.000119	0.00002	0.00023	14	0.7
27.20257	251.215851	326.64261	34.9	0.000222	0.00003	0.00024	14	0.7
29.6879	258.831103	289.249795	35	0.000327	0.00003	0.00012	14	0.7
26.51336	296.5255	322.042493	36	0.000407	0.00003	0.00118	14	0.6
28.94064	334.219896	319.8	36.4	0.000576	0.00004	0.00253	14	0.7
30.27807	371.914293	319.8	37.4	0.000441	0.00004	0.00086	14	0.8
27.60378	411.487014	359.729764	37.7	0.000382	0.00004	0.00026	14	0.8
23.43004	466.413744	319.8	38.4	0.000383	0.00004	0.00039	14	0.8
21.00934	521.340475	319.8	38.6	0.000452	0.00003	0.00724	14	0.8
21.42678	576.267206	319.8	37.8	0.000512	0.00003	0.01743	14	0.8
21.74567	626.791154	470.832857	37.6	0.000531	0.00003	0.01928	14	0.8
18.70711	652.560385	329.785098	36.8	0.000517	0.00004	0.0137	14	0.9
22.63252	678.329615	331.121373	36.5	0.000537	0.00004	0.01133	14	1.1
21.88518	704.098846	339.572112	35.5	0.000543	0.00005	0.0134	14	1.1
22.3546	729.868077	491.796781	35.2	0.000499	0.00006	0.01265	14	1.5
17.72409	671.135125	361.599901	35.1	0.000388	0.0001	0.00908	14	3.2
15.38008	611.634746	374.087512	35	0.000318	0.00016	0.00468	14	5.6
18.34046	552.134368	386.613473	34.9	0.000256	0.00022	0.00208	14	7.1
18.88477	492.901092	436.468046	34.8	0.000246	0.00023	0.00066	14	7.4
16.53964	442.940083	419.722101	34.8	0.00024	0.00023	0.00029	14	7.5
17.28676	392.979075	425.466202	34.8	0.000246	0.00025	0.00022	14	7.2
32.79507	343.018066	435.3	34.6	0.000311	0.0004	0.00031	14	6.6
35.04488	298.125786	374.493046	34.6	0.000169	0.00032	0.00011	14	5.3
33.82838	276.168802	451.133595	33.6	0.000073	0.00024	0.00007	14	4
32.12961	254.211818	451.9	33.3	0.00004	0.00018	0.00005	14	3.2
15.35137	232.254833	451.9	31.9	0.00001	0.00005	0.00001	14	2.4
6.44797	210.297849	365.765	31.4	0.000006	0.00003	0.00002	14	2.1
6.56919	210.369951	419.856436	27.4	0.000006	0.00002	0.00001	14	1.8
6.57424	211.601478	445.2	26.1	0.000005	0.00002	0	14	1.7
6.61357	212.833005	441.506623	20.3	0.000005	0.00001	0	14	1.3
6.64889	214.064532	376.472727	18.4	0.000006	0.00001	0	14	1.3
6.63476	214.774194	412.622343	13.5	0.000012	0.00001	0	14	1.2
6.61319	215.419355	432.654762	11.9	0.000022	0.00001	0	14	1.1
6.69723	216.064516	428.520859	6.9	0.000031	0.00001	0	14	1.1
6.35692	216.709677	364.699142	5.2	0.000036	0.00001	0	14	1
6.07122	216.250479	388.251929	1.3	0.000039	0.00001	0.00001	14	1

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11:51:08.434	22	799
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11:51:13.434	42.9	1032
11:51:14.434	56.5	1121
11:51:15.434	75.7	1507
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11:51:18.434	14.5	2485
11:51:19.434	60.6	1969
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11:51:31.434	19.6	897
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11:51:39.434	21.6	901
11:51:40.434	21.6	901
11:51:41.434	21.6	902
11:51:42.434	22.3	898
11:51:43.434	21.8	902
11:51:44.434	22.3	899
11:51:45.434	22.2	899
11:51:46.434	20.1	882
11:51:47.434	21.9	801
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11:51:55.434	55.7	1064
11:51:56.434	48.2	806
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11:52:01.434	25.3	860
11:52:02.434	65.4	867
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11:52:04.434	31.3	1098
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6.02843	215.611502	416.465456	0	0.000041	0.00001	0	14	1
6.04878	214.972524	412.148458	0	0.000043	0.00001	0	14	1
6.10061	214.333546	368.74121	0	0.000043	0.00001	0	14	1
6.10933	213.714128	373.190054	0	0.000044	0.00001	0	14	1
5.99785	213.099877	399.806535	0	0.000043	0.00001	0	14	1
6.10545	212.485627	393.148244	0	0.000044	0.00001	0	14	1
6.20326	211.871376	357.465629	0	0.000044	0.00001	0.00001	14	1
6.07054	212.155292	349.92214	0	0.000044	0.00001	0	14	1
5.97561	212.786764	381.277124	0	0.000046	0.00001	0	14	1
9.19376	213.418237	377.394786	0	0.000055	0.00001	0	14	1
12.89133	214.04971	338.982451	0	0.000089	0.00002	0.00001	14	0.8
22.64131	234.513759	334.357662	1.1	0.00019	0.00003	0.00003	14	0.8
38.05308	261.172236	358.985942	1.5	0.000592	0.00006	0	14	0.8
46.01905	287.830713	349.931536	8.2	0.000473	0.00004	0	14	0.8
14.13	314.489189	342.876129	10.5	0.000216	0.00003	0	14	0.8
22.09355	324.720188	335.517679	15.4	0.000222	0.00004	0.00002	14	0.9
27.63801	327.639535	335.646779	17	0.000305	0.00004	0	14	0.9
18.28252	330.558882	332.009225	19.5	0.000284	0.00003	0	14	0.9
17.54464	333.478229	331.42839	20.3	0.000282	0.00003	0.00007	14	0.9
26.11398	343.331522	328.651126	21.9	0.000357	0.00004	0.00013	14	0.9
30.80608	356.918478	325.6	22.4	0.000441	0.00005	0.00012	14	1
34.44934	370.505435	323.621331	24.3	0.000523	0.00006	0.00014	14	1
25.31535	384.092391	325.569044	24.9	0.000458	0.00005	0.00022	14	1
20.59755	370.58215	340.339827	27.6	0.000317	0.00004	0.00018	14	1
15.16765	339.15715	322.7	28.5	0.000169	0.00003	0.00017	14	1.1
7.30041	307.73215	322.7	28	0.000086	0.00002	0.00009	14	1.1
6.57624	276.30715	320.23	27.8	0.000054	0.00002	0.00004	14	1
6.7042	260.123664	305.853956	25.5	0.000035	0.00001	0.00002	14	0.8
6.61251	254.016794	319.8	24.7	0.000026	0.00001	0	14	0.8
6.62993	247.909924	319.8	20.7	0.000022	0.00001	0	14	0.7
6.62435	241.803053	311.270113	19.4	0.000025	0.00001	0	14	0.7
6.78956	237.717931	299.917647	15.6	0.00003	0.00001	0	14	0.6
6.79314	234.619615	319.8	14.4	0.000036	0.00001	0	14	0.6
6.74455	231.521298	319.8	13.6	0.000042	0.00001	0	14	0.6
6.62703	228.422981	316.094906	13.3	0.000045	0.00001	0	14	0.6
6.68208	225.678198	291.199604	14.1	0.000047	0.00001	0	14	0.5
6.7351	223.196868	316.9	14.3	0.000047	0.00001	0	14	0.5
6.75309	220.715538	316.9	11.2	0.000048	0.00001	0	14	0.5
6.79769	218.234209	314.121013	10.2	0.000048	0	0	14	0.4
6.69967	216.273017	278.945957	5.9	0.000048	0	0	14	0.4
6.68064	215.024241	314	4.5	0.000048	0	0	14	0.4
6.6837	213.775465	314	3.6	0.000048	0	0	14	0.4
6.44687	212.52669	311.491654	3.3	0.000047	0	0	14	0.3
6.01012	211.27395	270.328211	0.8	0.000045	0	0	14	0.3
6.08	210.013445	310.50901	0	0.000045	0	0	14	0.3
6.05273	208.752941	308.1	0	0.000045	0	0	14	0.3
6.27129	207.492437	308.1	0	0.000046	0	0	14	0.3
6.70926	206.970448	264.186739	0	0.000053	0	0	14	0.3
7.0468	208.239104	304.390684	0	0.000053	0	0	14	0.3
8.61598	209.507761	302.1	0	0.00006	0	0	14	0.3
9.8348	210.776418	302.1	0	0.000063	0	0	14	0.3
9.18149	212.864785	260.352226	0	0.000063	0	0	14	0.2
8.86	217.147081	299.029464	0	0.000066	0	0.00001	14	0.2
6.30723	221.429378	296.6	3.5	0.000072	0	0	14	0.2
6.78204	225.711675	296.6	4.7	0.000082	0	0.00001	14	0.2
6.69565	229.6	265.621348	3.1	0.000086	0	0.00001	14	0.2
6.6613	229.6	291.082874	2.5	0.000083	0	0.00002	14	0.2
7.31097	229.6	291.385323	1.7	0.000086	0	0.00004	14	0.2
12.30838	229.6	291.1	1.5	0.00009	0	0.00006	14	0.2
7.1492	229.6	268.417207	1	0.000069	0	0.00004	14	0.2
8.46871	240.912706	281.828235	0.8	0.000079	0	0.00001	14	0.2
11.916	252.660064	286.354465	1.5	0.000104	0	0.00001	14	0.2
15.62306	264.407422	285.7	1.8	0.000138	0	0.00001	14	0.2

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11:52:07.434	51.1	1627
11:52:08.434	6.4	1322
11:52:09.434	74.6	906
11:52:10.434	63.6	1061
11:52:11.434	55.1	1144
11:52:12.434	46.2	1180
11:52:13.434	39.6	1194
11:52:14.434	40.1	1204
11:52:15.434	34.5	1205
11:52:16.434	21.4	1162
11:52:17.434	13	1107
11:52:18.434	25.7	1089
11:52:19.434	33.4	1094
11:52:20.434	26.1	1106
11:52:21.434	26.8	1085
11:52:22.434	29.4	1067
11:52:23.434	17	1018
11:52:24.434	33.3	1024
11:52:25.434	35.9	1079
11:52:26.434	36.2	1122
11:52:27.434	36.9	1125
11:52:28.434	34.3	1130
11:52:29.434	26.7	1143
11:52:30.434	23.2	1140
11:52:31.434	13.2	1095
11:52:32.434	10.3	1037
11:52:33.434	10.2	978
11:52:34.434	9.2	922
11:52:35.434	18.1	892
11:52:36.434	22.1	875
11:52:37.434	28.8	872
11:52:38.434	22.6	915
11:52:39.434	22.7	902
11:52:40.434	22	901
11:52:41.434	21.4	901
11:52:42.434	21.4	898
11:52:43.434	22	901
11:52:44.434	22.6	845
11:52:45.434	23.8	791
11:52:46.434	25.4	788
11:52:47.434	24.6	807
11:52:48.434	24.4	800
11:52:49.434	23.9	797
11:52:50.434	24.3	802
11:52:51.434	24.1	808
11:52:52.434	24.2	859
11:52:53.434	23.9	801
11:52:54.434	23.2	798
11:52:55.434	22.4	800
11:52:56.434	22.5	799
11:52:57.434	22.7	796
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11:52:59.434	21.9	799
11:53:00.434	24.1	801
11:53:01.434	22.4	800
11:53:02.434	22.3	799
11:53:03.434	32.1	763
11:53:04.434	26.1	805
11:53:05.434	25.6	806
11:53:06.434	29.4	797
11:53:07.434	23.6	814
11:53:08.434	23.8	803
11:53:09.434	23.3	802

15.31047	276.15478	282.577419	5.2	0.000175	0	0.00001	14	0.2
9.8628	279.297749	282.672376	6.3	0.000176	0	0.00002	14	0.2
13.41244	281.420512	280.430128	8.8	0.000164	0	0.00002	14	0.2
11.10246	283.543274	280.1	9.6	0.000133	0	0.00004	13.5	0.2
8.83922	285.666036	282.13871	10.8	0.000113	0	0.00002	13.5	0.1
8.68023	283.080445	280.419483	11.2	0.000109	0	0.00001	14	0.1
8.66247	280.418296	277.735847	12	0.000115	0	0	13.5	0.1
8.93772	277.756147	277.4	12.2	0.000121	0	0.00002	13	0.1
9.5318	275.093998	276.63646	12.7	0.000124	0	0.00007	13	0.1
8.71074	267.01618	276.965882	12.9	0.000121	0	0.00009	13	0.1
8.5526	257.997613	275.619431	12.3	0.000116	0	0.00009	13	0.1
8.27024	248.979045	274.7	12.1	0.000108	0	0.00006	13	0.1
8.39946	239.960477	270.009968	11.7	0.000089	0	0.00004	13	0.1
8.04952	235.480415	268.002163	11.5	0.000072	0	0.00002	13	0.1
8.14671	232.899443	274.7	11.6	0.000066	0	0.00001	13	0.1
8.13016	230.318472	274.7	11.6	0.000071	0	0.00001	13	0.1
7.82297	227.7375	264.703338	11.4	0.000075	0	0.00002	13	0.1
8.12039	227.1	264.516683	11.4	0.000082	0	0.00003	13	0.1
8.31984	227.1	274.7	10.9	0.000078	0	0.00002	13	0.1
8.19498	227.1	274.7	10.7	0.00007	0	0.00002	13	0.1
8.30121	227.1	269.090835	11.6	0.000065	0	0.00001	13	0.1
8.4214	225.771892	264.423881	11.9	0.000072	0	0	13	0.1
8.41	223.85543	274.7	12.2	0.00008	0	0.00001	13	0.1
8.34404	221.938968	274.7	12.3	0.000085	0	0.00002	13	0.1
8.05249	220.022506	265.570451	12.3	0.000088	0	0.00003	13	0.1
7.20707	214.584127	258.629193	12.3	0.000085	0	0.00003	13	0.1
6.8489	207.014506	272	11.5	0.000075	0	0.00004	13	0.1
6.43582	199.444886	272	11.3	0.000065	0	0.00002	13	0
6.7871	191.875266	263.18758	10.2	0.000052	0	0.00004	13	0
6.81363	190.156357	251.329615	9.8	0.000044	0	0.00004	13	0
6.88941	191.280215	272	9.4	0.000038	0	0.00004	13	0
6.83403	192.404074	270.318265	9.3	0.000034	0	0.00003	13	0
6.66025	193.527933	269.3	8.5	0.000033	0	0.00001	13	0
6.64889	194.2	241.077452	8.2	0.000037	0	0.00001	13	0
6.60661	194.2	269.3	7.4	0.000041	0	0	13	0
6.72	194.2	269.3	7.2	0.000045	0	0.00001	13	0
6.73672	194.2	269.3	4.8	0.000047	0	0	13	0
6.12732	194.2	235.248216	4	0.000047	0	0.00001	13	0
6.11	194.2	269.3	1	0.000046	0	0.00001	13	0
6.09647	194.2	269.034309	0	0.000046	0	0.00001	13	0
6.09988	194.2	266.6	0	0.000045	0	0.00002	13	0
6.08752	194.2	235.43904	0	0.000045	0	0.00001	13	0
6.08	194.2	263.090999	1.3	0.000045	0	0.00002	13	0
6.22913	194.2	266.6	1.8	0.000046	0	0	13	0
6.12103	194.2	263.8	1.8	0.000047	0	0	13	0
6.45833	194.2	239.518644	1.8	0.000049	0	0	13	0
6.3865	193.639883	255.300769	1.5	0.000049	0	0	13	0
6.24508	193.053372	263.8	1.4	0.000049	0	0	13	0
6.07234	192.466862	263.641436	0.9	0.000048	0	0	13	0
5.9175	191.880352	240.994444	0.8	0.000048	0	0	13	0
5.95387	191.8	250.025588	1.2	0.000048	0	0	13	0
6.0744	191.8	261.1	1.3	0.000048	0	0	13	0
6.11	191.8	258.668127	1	0.000048	0	0	13	0
6.04671	191.8	250.728742	0.9	0.000047	0	0	13	0
6.09164	191.8	243.805476	1.3	0.000047	0	0	13	0
6.13075	191.8	258.3	1.4	0.000047	0	0	13	0
6.46096	191.8	256.159686	1.1	0.000048	0	0.00001	13	0
6.027	191.8	248.364208	1	0.000046	0	0	13	0
6.06854	192.152821	238.476724	0.9	0.000046	0	0.00001	13	0
6.1922	192.738901	254.165882	0.9	0.000047	0	0	13	0
5.92527	193.324982	252.8	0.2	0.000047	0	0.00001	13	0
6.0287	193.911062	250.199168	0	0.000048	0	0	13	0
6.11333	196.368255	234.329634	0	0.000053	0	0	13	0

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11:53:10.434	44.4	831
11:53:11.434	49.7	871
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11:53:13.434	31	854
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11:53:15.434	23.1	842
11:53:16.434	23.2	890
11:53:17.434	24.7	957
11:53:18.434	26.9	823
11:53:19.434	35.8	778
11:53:20.434	24.6	830
11:53:21.434	27.5	797
11:53:22.434	27.6	803
11:53:23.434	24.3	805
11:53:24.434	22.9	802
11:53:25.434	23.2	761
11:53:26.434	23	802
11:53:27.434	22.2	798
11:53:28.434	21.6	799
11:53:29.434	21.6	800
11:53:30.434	21.6	802
11:53:31.434	21.6	800
11:53:32.434	21.6	803
11:53:33.434	21.3	804
11:53:34.434	21.3	802
11:53:35.434	21.6	800
11:53:36.434	21.9	800
11:53:37.434	21.7	802
11:53:38.434	21.4	801
11:53:39.434	21	800
11:53:40.434	20.8	799
11:53:41.434	21	802
11:53:42.434	21.3	799
11:53:43.434	21.3	801
11:53:44.434	21.6	799
11:53:45.434	21.4	799
11:53:46.434	20.8	803
11:53:47.434	21.6	800
11:53:48.434	21.6	801
11:53:49.434		
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7.58291	200.644892	251.713191	0	0.000066	0	0	13	0
8.51654	204.92153	250.1	0	0.000064	0	0	13	0
7.54167	209.198167	250.1	0	0.000056	0	0	13	0
6.04398	211.153242	236.236808	0.8	0.000053	0	0	13	0
6.13609	209.835753	249.093389	1	0.000058	0	0	13	0
5.85342	208.518264	247.6	0.2	0.000066	0	0	13	0
6.71071	207.200775	244.687744	0	0.000075	0	0.00001	13	0
8.34439	206.6	234.817647	0	0.000075	0	0.00002	13	0
6.41882	206.6	247.6	0	0.000064	0	0.00001	13	0
6.50473	206.6	247.6	0	0.000061	0	0.00002	13	0
6.11272	206.6	245.172835	0	0.000057	0	0.00001	13	0
6.26125	205.924789	229.59141	0	0.000055	0	0	13	0
6.043	204.069815	244.9	0	0.000054	0	0	13	0
6.02883	202.21484	244.288649	0.6	0.000055	0	0	13	0
6.02874	200.359865	242.3	0.8	0.000057	0	0	13	0
5.874	198.643505	221.919435	0.2	0.000058	0	0	13	0
5.9721	197.439303	242.3	0	0.000058	0	0	13	0
6.00146	196.235101	242.3	0	0.000056	0	0	13	0
6.11	195.030899	242.3	0	0.000054	0	0.00001	13	0
5.90191	193.837692	221.951964	0	0.000052	0	0	13	0
5.99729	192.668955	242.3	0	0.000051	0	0.00001	13	0
5.99575	191.500219	241.68	0	0.00005	0	0	13	0
6.06056	190.331483	239.8	0	0.000049	0	0.00001	13	0
6.03502	189.282393	215.966265	0	0.000047	0	0.00001	13	0
5.94521	188.703048	239.8	0	0.000047	0	0	13	0
6.04059	188.123703	239.8	0	0.000047	0	0	13	0
6.08658	187.544358	239.8	0	0.000046	0	0	13	0
6.14081	186.961789	215.241107	0	0.000046	0	0.00001	13	0
5.98773	186.368611	237.3	0	0.000045	0	0	13	0
5.94397	185.775433	237.3	0	0.000044	0	0	13	0
6.09974	185.182254	237.3	0	0.000045	0	0	13.5	0
6.15646	184.7	211.656074	0	0.000044	0	0	13.5	0
6.10148	184.7	237.3	0	0.000044	0	0	13	0
6.04534	184.7	237.3	0	0.000044	0	0	13	0
6.02	184.7	237.3	0	0.000044	0	0	13	0
6.0495	184.63952	213.034459	0	0.000044	0	0	13	0
6.07883	184.057984	235.176556	0	0.000044	0	0	13	0
6.12692	183.476448	234.964838	0	0.000044	0	0	13	0
6.04178	182.894912	234.7	0	0.000044	0	0	13.5	0
	182.313375		0	0.000049	0	0	13.5	0
			0	0.000017	0	0	13.5	0

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