

Date	Open	High	Low	Close	Adj Close	Volume	RSI	Upper Bolli
#####	492.2094	494.3144	486.7362	491.9617	445.8889	6595770	77.36357	538.557
#####	495.2555	495.2555	486.3895	487.925	442.2302	8427562	77.45099	534.3797
#####	489.9805	505.112	489.609	502.8089	455.7202	10822218	73.80049	529.7062
#####	508.6783	508.6783	499.0693	500.2581	453.4083	6229609	62.19072	526.9391
#####	500.3076	505.7064	497.7815	504.0967	456.8874	4646498	59.53585	524.3097
#####	507.6876	514.0275	506.2265	511.4272	463.5314	7213298	53.03781	523.9022
#####	510.1642	514.2999	492.8285	494.2153	447.9315	9153440	57.05478	522.9028
#####	492.8285	492.8285	483.9873	486.9839	441.3773	8193714	62.4971	521.3192
#####	492.9771	495.305	480.4459	484.3835	439.0204	5857376	65.96452	518.4725
#####	482.4271	486.8848	480.4459	483.0957	437.8532	5988853	63.26949	515.4811
#####	480.4459	488.2221	478.7866	484.8045	439.402	5763020	63.26949	513.2528
#####	485.4484	487.8754	475.0718	477.0283	432.354	8747297	64.48695	510.9915
#####	479.9506	492.8285	478.5885	484.8788	439.4693	10420312	55.96154	510.1352
#####	487.8754	494.8097	485.1017	486.9839	441.3773	8404187	50.80012	509.6873
#####	489.3613	509.1736	489.3613	507.5886	460.0523	12286956	53.09516	512.4906
#####	515.1172	515.1172	499.2675	502.2393	455.2039	9590528	43.00581	514.0831
#####	506.2017	508.1829	497.8311	500.159	453.3185	5433932	44.14136	513.9553
#####	505.8055	508.6783	496.2956	497.3358	450.7597	5510907	51.62714	513.3013
#####	498.5245	501.1496	489.3861	490.5253	444.587	8057566	55.03718	512.0693
#####	492.8285	504.6663	490.0052	499.6389	452.8471	11448507	57.31448	510.6817
#####	500.2581	505.2111	498.7721	503.4528	456.3038	6730408	46.49376	509.6133
#####	502.7346	511.6501	502.2393	506.0036	458.6158	10306792	38.86098	512.2677
#####	506.2017	511.13	501.7935	509.1983	461.5112	8367777	35.36706	515.3604
#####	511.1548	530.8679	509.6689	528.961	479.4232	15690402	32.77778	524.1841
#####	532.3538	536.1677	527.8961	529.8278	480.2087	9968152	25.99792	530.7869
#####	531.9576	535.7219	527.0541	533.4187	483.4635	7057451	19.62964	537.7493
#####	534.335	543.1019	530.0507	540.8978	490.2422	9108967	18.8509	543.3177
#####	526.0139	544.3402	526.0139	531.9328	482.1166	9446201	26.26188	546.0631
#####	533.914	541.8389	533.4187	540.5759	489.9503	9232555	26.83177	548.7553
#####	542.8543	543.3496	533.6416	540.6006	489.9727	10599676	25.94779	553.5902
#####	543.3496	550.2839	542.4333	545.0584	494.0132	8341847	23.95536	558.4412
#####	546.6682	549.7638	540.3777	541.517	490.8033	9345272	23.32538	561.4843
#####	542.8543	547.6588	536.4153	538.9661	488.4912	8740250	19.16775	563.155
#####	541.3188	542.359	530.6202	532.0814	482.2513	9990413	25.68115	560.2311
#####	533.9388	544.0925	533.4435	540.8978	490.2422	5777967	28.74756	559.3038
#####	543.1019	559.5213	543.1019	557.6639	505.4379	9189816	26.97929	561.7964
#####	558.704	561.1805	554.8406	556.3266	504.2259	5760365	24.02861	562.3376
#####	557.2181	569.4521	556.277	559.5461	507.1439	9330868	24.84798	561.1798
#####	561.1805	562.9141	545.5785	548.0798	496.7514	6794859	39.21184	561.5708
#####	548.897	560.1899	548.897	557.0695	504.8993	7765435	39.59919	563.2793
#####	567.1242	567.1242	556.0541	558.3821	506.0889	5860948	37.3039	564.804
#####	558.704	561.6759	550.4324	555.1874	503.1934	6447744	35.68158	566.7909
#####	557.2181	562.1216	538.4213	540.2292	489.6361	11208408	45.6863	565.4079
#####	537.9507	542.359	530.546	537.0344	486.7405	8396400	51.95196	565.6106
#####	534.8303	534.8303	520.5656	525.9149	476.6623	7563608	57.21237	566.9865
#####	529.902	534.8056	522.2249	526.6083	477.2907	7729453	58.31575	568.1422

#####	529.9764	531.809	519.1539	522.101	473.2057	8855050	58.74198	569.6282
#####	520.3179	541.8141	520.095	532.8243	482.9246	11813633	55.57093	570.1664
#####	534.9294	542.8543	534.9294	538.9909	488.5138	10723025	49.62965	569.4559
#####	534.9294	543.7459	526.7569	530.5955	480.9045	7684965	54.85756	568.3403
#####	526.5092	528.9857	522.5468	525.6425	476.4155	6447243	66.51561	566.2727
#####	522.0267	522.0267	501.2487	503.849	456.663	18510893	72.87845	566.7575
#####	507.1923	515.0677	504.7901	512.6655	464.6537	10820807	72.11493	564.1475
#####	515.1172	518.6834	510.1642	511.9473	464.0028	7301398	66.49335	561.8882
#####	508.1829	511.4519	504.27	507.0685	459.5809	5785013	73.71388	557.4579
#####	507.2914	514.6219	501.9916	505.7807	458.4138	8006460	74.1701	551.4619
#####	500.2581	506.9694	496.9395	505.5331	458.1893	6911684	69.82735	545.5657
#####	505.112	506.8456	497.2862	499.1931	452.4431	11012977	70.87431	543.169
#####	483.4177	525.0233	483.4177	511.551	463.6436	33257378	66.80162	540.4574
#####	520.5656	535.92	515.1172	534.6322	487.87	17560458	57.81672	542.2378
#####	539.3871	539.3871	526.6826	528.8867	482.6269	12149208	47.06262	542.9588
#####	532.973	539.61	527.0293	536.3906	489.4744	7058317	47.06262	544.7828
#####	526.0139	541.5665	526.0139	530.8679	484.4348	5513861	50.83034	543.9501
#####	528.8372	530.4717	512.6407	516.925	471.7115	8381619	55.83262	540.7012
#####	512.4921	512.4921	499.7628	503.5023	459.4628	9512346	58.80963	538.965
#####	505.2111	511.873	499.1684	505.5083	461.2933	7127953	50.16692	538.9453
#####	503.7252	504.0967	492.878	494.6364	451.3723	12043982	53.94569	539.1264
#####	495.8003	501.744	492.2094	495.2802	451.9599	8573412	58.07345	539.5504
#####	490.3024	495.2307	483.4672	493.1009	449.9712	8845755	56.64155	540.2425
#####	504.2205	519.5502	503.4528	506.5237	462.2199	11411184	56.10395	540.3181
#####	507.6876	507.6876	486.761	488.1974	445.4966	11650994	56.40321	541.2281
#####	492.779	500.2581	490.8473	499.2922	455.6209	6334809	54.26103	541.6332
#####	500.7534	509.025	496.0975	506.3255	462.0391	12647449	49.96465	540.8242
#####	510.1394	514.6219	502.4869	513.4579	468.5477	8092532	51.93827	539.3503
#####	510.2384	519.3273	509.545	517.8909	472.5929	7637273	56.82065	536.0642
#####	516.7517	517.5938	497.3358	500.5305	456.7509	8983616	60.51036	531.7031
#####	502.7346	505.7064	496.9643	500.7781	456.977	9104583	62.44666	524.6082
#####	505.1616	514.1266	505.1616	510.5604	465.9036	7894858	57.46335	519.5113
#####	510.6595	513.136	506.4246	510.7585	466.0843	6501620	46.62402	518.9748
#####	502.7346	502.7346	495.305	499.1436	455.4853	6231806	51.87313	518.6382
#####	500.1095	501.5954	492.878	493.5219	450.3554	7027122	50.51079	519.1237
#####	495.4041	502.7346	495.305	498.7969	455.169	7034405	50.51079	519.0084
#####	500.2581	503.9481	498.8464	502.9079	458.9204	6443879	47.44671	519.2722
#####	507.6876	520.4913	505.7064	518.2872	472.9545	10756208	45.76017	520.969
#####	522.4973	529.9764	519.6245	526.7569	480.6834	7334597	34.8466	527.1062
#####	527.5989	529.9268	520.1198	528.0447	481.8585	8765191	32.10756	529.6727
#####	529.9764	531.2889	522.5963	524.0079	478.1749	5460960	37.88247	531.6781
#####	526.6578	533.4435	524.1813	530.6698	484.2541	9713558	40.68857	535.1022
#####	535.0284	539.7834	520.3427	522.2249	476.5478	17665260	45.7411	535.983
#####	525.5186	530.8184	525.5186	527.8218	481.6551	5442424	36.63002	539.0302
#####	526.5092	532.3538	523.5126	526.9055	480.8189	5957438	34.95337	540.8549
#####	524.8747	528.7381	522.0515	524.3794	478.5139	5380714	36.8769	541.0904
#####	524.528	527.8961	518.7329	521.0856	475.5082	8678626	43.69249	541.7303

#####	520.0703	528.9857	516.6031	526.4844	480.4348	9380179	34.68188	543.8686
#####	531.9576	540.873	527.5741	539.9567	492.7286	14524622	26.91642	547.2389
#####	540.3777	540.3777	527.1036	528.7133	482.4687	6559747	31.69286	544.7932
#####	525.0233	541.8389	523.785	539.8082	492.5932	12293253	33.53326	544.3329
#####	536.9106	538.0746	528.2428	533.072	486.4461	6142980	35.57555	540.4005
#####	532.9482	536.8859	527.6484	529.4563	483.1468	5052862	43.98185	539.4337
#####	529.9764	531.5366	526.3607	529.1343	482.8528	2953374	48.59568	539.4663
#####	527.7475	535.8705	527.7475	531.908	485.3839	4271186	46.76866	540.1332
#####	531.9576	532.3538	520.5656	521.8286	476.1862	6340351	51.18215	539.8245
#####	525.0233	529.7535	522.6706	523.5869	477.7907	5527804	50.25707	540.1805
#####	526.9797	527.9951	521.8286	523.8593	478.0393	5987918	49.13605	539.6861
#####	525.0233	528.961	521.0856	523.1659	477.4065	5798106	52.55155	539.737
#####	523.6612	533.8149	523.6612	532.1061	485.5648	6942473	50.85755	540.4228
#####	534.9294	542.0865	528.6143	530.1992	483.8246	7370244	44.1809	540.874
#####	530.9422	535.3752	529.0353	531.6852	485.1807	6404348	44.1809	540.4922
#####	530.4964	531.9576	525.0233	526.4844	480.4348	4051755	50	539.5299
#####	524.0822	527.9456	521.9524	523.0668	477.316	4526637	54.84283	538.0475
#####	523.5374	527.9456	519.6245	521.5314	475.915	3159009	56.00163	537.3609
#####	524.4785	526.5092	522.8687	524.2308	478.3783	4534103	63.73822	534.6893
#####	524.2308	525.4443	518.8815	524.528	478.6494	7328540	56.35926	533.7343
#####	526.9797	530.4221	523.4384	525.2462	479.3049	6364092	55.60917	533.2992
#####	526.7569	528.6885	520.1941	521.6057	475.9827	4205984	58.2879	532.7122
#####	524.4537	525.5929	520.6151	521.8038	476.1635	5599573	50.34223	532.1405
#####	526.5092	531.7842	504.2205	505.8302	461.5871	24425854	66.41263	535.7257
#####	509.4212	509.4212	499.2675	500.3323	456.5702	21358946	72.15667	538.9287
#####	502.7098	505.3845	498.896	500.0847	456.3441	8880213	72.29662	540.6071
#####	503.2299	506.1027	500.9515	502.5117	458.5588	5850395	72.29662	540.4046
#####	504.7901	510.6099	502.2393	509.0497	464.525	9278073	81.94278	538.345
#####	509.1736	510.6595	501.5211	503.2546	459.2368	8453861	74.19924	536.3997
#####	505.1863	507.0437	497.8063	498.7969	455.169	8449149	75.90361	534.3177
#####	499.7132	500.3076	494.562	495.3545	452.0277	9209652	75.91477	533.078
#####	495.305	498.2768	491.3426	492.135	449.0898	10270041	76.65022	532.1376
#####	490.8473	496.4937	488.5193	489.3118	446.5135	9225253	77.78729	530.8187
#####	490.2529	492.779	485.4484	487.0086	444.4118	10114816	82.32258	528.4398
#####	485.3989	487.0086	480.4459	481.7336	439.5981	11496124	84.20427	525.592
#####	480.6935	492.2341	480.6935	484.9531	442.536	14081373	84.25532	521.1084
#####	485.3989	491.293	482.9224	483.8635	441.5417	6474277	80.19017	516.3901
#####	485.3989	487.8507	480.4459	480.7678	438.7168	6825002	75.3507	511.4693
#####	481.9318	483.913	474.6755	477.7712	435.9823	11472575	74.03692	510.5111
#####	477.3254	487.8259	477.3254	484.0121	441.6773	9535946	73.89919	509.3035
#####	484.0121	492.036	481.6841	489.6833	446.8525	9689740	65.18482	507.8013
#####	491.3673	491.3673	483.2196	483.8635	441.5417	6250290	65.04195	505.1144
#####	483.8635	485.8942	479.1085	481.6346	439.5078	8895944	70.83532	500.347
#####	480.4459	484.334	478.217	479.3562	437.4286	8593345	69.55657	496.7095
#####	480.4459	481.9318	473.041	473.7345	432.2987	12845773	70.83532	494.5228
#####	474.948	475.9386	468.831	470.3416	429.2026	11221770	70.93244	493.3627
#####	471.5799	477.8703	468.0632	469.5244	428.4568	5495817	69.76743	492.5162

#####	467.8899	470.515	453.2041	455.2844	415.4623	21508218	75.58929	495.1365
#####	458.1819	467.4689	456.1759	463.7045	423.146	12869758	73.31878	494.8427
#####	468.0632	468.8805	463.6055	464.3237	423.711	8168217	63.84032	494.3188
#####	465.5867	466.3792	457.7609	458.5038	418.4001	6664198	68.85126	493.8076
#####	461.1042	474.3536	456.8198	471.8523	430.5811	15657929	67.34852	492.549
#####	473.0163	480.2973	472.0257	476.632	434.9428	13097230	53.97141	492.1694
#####	473.0658	477.8207	471.5304	475.2947	433.7225	5368562	51.53563	491.4337
#####	476.9539	479.059	473.1153	474.7746	433.2478	4667752	56.1653	489.5052
#####	481.4365	493.0761	478.1427	491.5902	448.5926	12679389	57.16518	490.5545
#####	493.0761	496.7909	487.5535	489.4356	446.6265	8986765	45.13438	492.1778
#####	489.8567	504.5672	489.8567	502.1897	458.265	15485486	43.52941	498.3362
#####	501.2982	502.9079	493.9182	495.4784	452.1407	8556658	38.14794	502.0032
#####	497.7815	510.8576	497.7815	508.8516	464.3442	14747292	35.77236	509.514
#####	509.6689	517.0737	505.756	515.8106	470.6946	14038717	30.51056	517.7672
#####	516.1078	519.3273	507.7124	512.715	467.8696	9853910	20.30729	524.5765
#####	512.1454	516.9498	502.7346	505.2359	461.0448	11940212	26.02804	525.7253
#####	505.2359	507.1923	493.3238	494.1411	450.9203	10628568	35.75896	525.7801
#####	495.305	499.7628	491.3921	496.1223	452.7282	10461773	32.25646	525.9561
#####	499.2675	505.1616	497.8311	500.3571	456.5927	7598768	31.6324	523.0645
#####	499.416	501.2487	491.8379	494.562	451.3045	9083473	38.54037	521.6584
#####	495.305	499.7628	492.8285	494.8097	451.5305	8210100	39.63771	520.9183
#####	496.2956	496.2956	484.4578	488.9899	446.2198	13375049	42.7853	519.354
#####	491.3426	500.2581	490.352	499.2179	455.5532	8816508	42.7853	515.7297
#####	502.7098	508.0839	502.7098	504.1462	460.0503	9766747	44.55171	516.3853
#####	503.2299	511.0557	499.7628	507.118	462.7623	10586337	42.23325	515.9722
#####	510.1642	518.5844	508.6535	517.569	472.2991	12985538	42.55857	519.6443
#####	517.569	522.9183	511.4024	514.6962	469.6776	14559285	39.50218	520.6917
#####	518.4357	522.4477	510.4366	519.8969	474.4234	9629351	46.2611	522.6567
#####	523.0421	531.0908	521.6057	529.5801	483.2597	11905254	45.10134	527.0323
#####	528.9857	529.6792	518.1633	522.8439	477.1127	6451711	39.29543	529.7186
#####	523.0916	531.9576	522.3982	531.4871	484.9999	11060907	29.82952	535.5763
#####	532.4529	535.6724	522.1505	524.528	478.6494	11267384	32.48648	537.7911
#####	525.0233	528.9857	512.9379	515.2906	470.22	5354308	39.80506	537.9636
#####	516.2316	527.475	511.7739	518.8073	473.4291	10249595	37.65852	539.3096
#####	527.4998	529.3325	514.7457	517.2966	472.0505	8574490	37.22873	539.1994
#####	514.82	527.2026	514.1266	519.7979	474.333	8414451	32.93523	539.2943
#####	521.0609	538.8176	519.674	535.7466	488.8868	17201550	31.97105	539.1136
#####	537.6288	541.7646	532.1309	535.8209	488.9546	9057986	29.96473	540.2038
#####	538.8918	545.7766	537.9012	540.0558	492.8191	8315835	31.64998	542.5187
#####	540.3282	545.306	538.446	544.2659	496.661	7127489	31.19349	545.0134
#####	543.8449	549.7886	536.5391	541.2446	493.9039	10128334	33.70821	547.8291
#####	544.5383	545.2813	532.2548	535.92	489.0451	16700766	37.7746	548.136
#####	538.7432	548.4017	535.1771	542.9781	495.4857	13717000	40.1821	549.687
#####	555.2369	557.1686	539.511	541.4674	494.1072	14080031	37.37407	551.7841
#####	542.5571	542.5571	530.1249	532.3786	485.8134	9396448	44.24511	551.3492
#####	535.92	537.3564	526.3359	527.6484	481.497	9202303	47.83207	551.6824
#####	533.8893	548.3026	532.4529	547.3368	499.4632	11219900	40.15001	555.0634

#####	551.7202	554.2463	545.1079	550.7049	502.5368	10321034	30.55889	556.7626
#####	550.903	554.9893	543.4734	549.0704	501.0452	7111739	30.71836	558.0038
#####	548.1541	553.2062	544.4393	545.9252	498.1751	5491414	33.26578	556.9315
#####	547.8073	550.6801	532.9482	534.8799	488.0958	5856460	41.98473	553.3803
#####	535.0037	538.5947	523.5374	525.9396	479.9376	8829369	55.63138	554.4457
#####	528.54	528.9362	514.2256	522.3982	476.706	7423193	57.41245	555.5106
#####	524.528	524.528	508.4554	510.4118	465.7679	9153069	65.07935	558.2351
#####	519.9712	519.9712	502.2393	511.6253	466.8753	10511488	66.92959	559.0249
#####	513.136	513.136	488.9156	493.4476	450.2876	11457417	70.20026	563.056
#####	497.0386	503.4528	493.9182	501.3725	457.5193	8748538	70.20026	563.2952
#####	497.6082	497.7815	482.9224	493.1257	449.9938	15282026	71.44111	563.2576
#####	494.8097	504.1214	488.3955	493.3485	450.1971	9093326	68.93667	562.6834
#####	496.2956	496.7909	481.9318	485.1512	442.7169	13435553	69.79696	563.2882
#####	487.8754	490.5501	474.6508	476.6568	434.9654	14140061	72.01197	562.7978
#####	480.1982	496.5185	476.6815	494.5125	451.2593	10803294	86.75938	556.8481
#####	495.2059	499.6142	485.9437	488.1726	445.4739	14068208	76.40112	549.207
#####	487.8754	494.0172	486.9096	489.7576	446.9203	8642428	75.73951	540.2108
#####	494.8097	501.9669	492.8532	500.8277	457.0221	11460952	71.96238	530.8059
#####	502.2393	507.1923	494.3144	498.2273	454.6492	9064443	62.89468	523.3214
#####	503.1556	510.1642	501.744	505.2854	461.09	8210201	61.63012	518.1749
#####	505.2111	514.9686	505.2111	510.5356	465.881	10336661	52.58944	515.2666
#####	507.6381	509.0497	500.8277	505.4835	461.2708	7844267	52.2547	514.0483
#####	507.4648	512.0711	484.7798	487.6278	444.9768	14637013	52.70052	512.2316
#####	488.767	510.1642	485.077	507.1428	462.7849	12243268	52.70052	513.6604
#####	507.2171	518.0891	500.2581	515.984	470.8528	7769099	43.69149	517.7686
#####	516.6031	525.0233	516.1078	522.6706	476.9545	9267439	40.47078	523.4095
#####	522.0515	527.0045	513.136	522.002	476.3444	9892722	34.5	528.4311
#####	523.8841	525.0233	515.142	523.4631	477.6777	7167456	29.45928	532.6645
#####	517.5938	528.9857	517.3956	523.4136	477.6325	7318510	29.10579	532.4891
#####	524.9738	532.4033	524.1565	531.5366	485.0451	7425418	29.90679	537.6304
#####	531.3632	532.4529	519.253	523.0668	477.316	6983480	33.27001	538.4864
#####	523.9337	527.3513	520.3179	524.7261	478.8303	6733253	33.78346	538.2972
#####	521.5562	527.2522	520.0703	524.8747	478.9659	4362556	35.39048	539.8179
#####	524.1813	529.382	520.6398	522.6706	476.9545	2668414	36.86451	539.5036
#####	523.1907	524.8747	516.2316	519.0301	473.6324	4087665	42.33214	539.2607
#####	519.2282	522.5468	518.2376	519.3768	473.9489	5161649	41.46113	539.921
#####	521.259	522.9183	518.2128	520.6646	475.124	6720247	24.31888	541.1537
#####	524.0574	528.2428	521.6552	524.3794	478.5139	4602737	23.82258	532.9183
#####	527.4998	528.2428	521.358	522.8439	477.1127	4804792	33.92496	529.8321
#####	525.0233	534.8799	523.686	533.493	486.8304	10163093	41.42419	531.5515
#####	534.9294	539.8824	529.9764	532.8491	486.2428	11972802	37.65504	533.502
#####	533.9388	540.5759	532.23	537.7031	490.6722	10043704	37.65504	536.561
#####	535.5733	538.768	524.0327	527.6979	481.5421	8249359	46.2603	536.8496
#####	527.6979	530.1992	505.8055	511.873	467.1013	8527785	57.89295	537.4936
#####	515.1172	519.4263	494.6116	502.1154	458.1972	9759380	65.80713	539.8801
#####	505.5331	512.9626	496.7909	510.5604	465.9036	10704489	65.80713	540.0117
#####	510.1642	514.6962	500.8029	502.9079	458.9204	11231253	63.51641	540.819

#####	502.264	510.0651	494.3144	496.048	452.6605	8820096	65.62042	542.2343
#####	496.7909	499.2675	491.3673	494.2649	451.0334	6482466	64.85439	543.3541
#####	497.7072	499.2675	490.352	492.7542	449.6548	6863207	65.47998	544.0506
#####	495.1069	497.7815	482.9224	485.4732	443.0107	10841350	68.46505	544.9889
#####	484.2102	484.2102	472.7934	480.3716	438.3552	19079928	71.06965	545.3536
#####	482.9224	491.5902	481.9318	488.767	446.0163	9012481	73.49955	543.5978
#####	492.878	493.2743	477.5236	481.2383	439.1462	10265008	69.57127	541.2178
#####	483.9625	487.8507	473.6354	474.7498	433.2252	9380240	78.62371	536.707
#####	478.4646	479.1581	465.5867	466.924	426.0839	12970523	80.15405	531.2797
#####	468.0632	468.509	446.7651	452.2135	412.66	15624401	84.57351	525.3267
#####	450.158	460.0641	447.3099	455.3339	415.5075	11690921	81.95808	519.8246
#####	458.2067	459.4944	440.1033	443.5456	404.7503	17490324	79.73347	518.7985
#####	450.7275	459.5935	449.3902	456.3245	416.4115	13136923	79.73347	515.2635
#####	459.643	469.3015	453.2041	467.5184	426.6263	7867523	74.47307	509.0986
#####	469.252	469.252	452.2878	455.6806	415.8239	9560127	68.12722	504.3849
#####	458.5038	464.9923	452.9069	460.1631	419.9143	6731599	67.60849	500.0091
#####	463.4569	463.4569	451.3467	453.3279	413.677	9084777	66.51452	495.4729
#####	449.9351	464.1999	447.5824	452.8574	413.2475	17642226	64.48845	490.7064
#####	451.9658	456.0768	438.3945	445.6011	406.626	13082506	65.15544	487.4697
#####	445.7497	453.2041	439.8556	450.7028	411.2814	9235695	65.15544	483.4576
#####	448.7959	454.8138	442.8522	453.105	413.4736	13912350	64.69606	476.5039
#####	452.9069	467.9642	451.3715	466.4287	425.6319	12583448	60.84367	472.407
#####	464.7447	470.936	464.6456	467.6422	426.7392	5095674	50.2352	470.7279
#####	469.4749	473.2392	463.7293	472.4962	431.1687	6503194	41.59699	473.4179
#####	473.5363	476.9787	461.6243	463.3826	422.8522	7267671	44.72021	474.0959
#####	463.655	475.9386	462.7139	473.6849	432.2534	11828176	39.08422	478.0363
#####	491.3426	499.9609	485.0274	487.8011	445.135	41037923	35.10405	483.4968
#####	488.5688	496.4442	487.8754	493.1504	450.0164	14391641	34.64605	490.1772
#####	493.3238	494.6116	474.6755	477.5731	435.8015	15185029	39.09719	492.5454
#####	485.7456	486.5133	472.7934	478.5885	436.7281	6969301	39.09719	494.1911
#####	480.5449	492.4818	475.4928	477.5978	435.8241	10377944	36.67756	496.2405
#####	482.2785	491.6893	479.059	489.7823	446.9429	5825263	36.34874	499.8272
#####	483.0215	487.8754	479.5048	484.1111	441.7677	9007869	30.97626	501.8141
#####	487.7021	492.7294	484.4578	486.4886	443.9372	7116308	30.97626	501.2872
#####	482.4766	487.0334	477.474	483.9377	441.6096	5455539	33.55393	500.177
#####	484.4083	491.5407	484.4083	487.8507	445.1801	5564621	34.37109	498.0496
#####	489.7081	497.4843	479.5048	492.2589	449.2029	14986402	37.99611	499.4613
#####	491.6893	491.8379	486.3895	487.7516	445.0898	4547537	39.62699	499.251
#####	484.8045	492.779	481.5108	491.3673	448.3892	6922700	35.31346	500.8938
#####	491.8131	505.5826	491.4664	504.3939	460.2764	13296395	33.83868	502.255
#####	494.2896	519.8721	489.8071	513.7551	468.8188	26050461	32.80644	507.897
#####	517.5938	522.5468	514.1761	518.6339	473.2708	9509259	34.65145	514.7855
#####	514.7705	519.4759	509.1736	510.5852	465.9262	5714194	28.43741	519.0492
#####	512.6407	512.6407	488.6679	491.8379	448.8186	18691614	42.51561	518.7694
#####	494.8345	495.305	485.9437	490.5005	447.5983	7174835	43.18241	518.4771
#####	491.8626	497.732	491.4169	495.1317	451.8243	4519732	43.18241	517.13
#####	495.2307	503.5518	493.2247	501.8678	457.9713	5270322	43.23091	518.4277

#####	503.1804	506.1769	497.2119	500.4066	456.6379	5184456	40.90658	518.5331
#####	507.1428	510.1394	500.2581	508.4801	464.0052	7103608	40.27493	520.1818
#####	508.3068	513.3093	502.3879	508.0343	463.5984	8805198	37.07148	520.531
#####	505.2111	511.1548	505.013	506.5732	462.2651	8354066	39.68342	520.6061
#####	508.9259	513.879	507.2419	511.4024	466.6719	5656801	38.49878	522.2275
#####	512.393	522.4973	512.393	519.6245	474.1749	14538613	36.35323	524.2047
#####	519.5997	527.9456	510.6595	513.3341	468.4347	8663538	38.74079	523.7877
#####	515.1172	522.4477	509.6689	520.3922	474.8753	6051061	44.7114	525.5782
#####	521.3085	524.528	515.1172	518.9063	473.5195	4964260	46.92307	526.2336
#####	517.5938	522.1753	515.1172	517.5194	472.2539	4191928	45.19563	526.5681
#####	517.6185	518.8568	512.6902	516.0583	470.9205	4690528	27.93318	528.7131
#####	516.1078	520.5161	505.5331	507.1428	462.7849	5536031	36.67724	527.9175
#####	501.744	504.9387	497.1129	497.9301	454.378	5213369	44.81687	526.3283
#####	496.2213	507.1923	493.621	506.1027	461.8357	8822291	47.91283	524.8071
#####	504.5425	507.6133	497.7815	505.6816	461.4516	6541425	46.08887	524.694
#####	504.8149	517.4451	495.6022	499.837	456.1182	6827310	50.38865	524.193
#####	497.6329	503.9481	494.6859	501.0753	457.2481	5548593	56.32887	524.4655
#####	503.2299	510.4118	499.3665	508.1334	463.6889	4760561	54.25938	524.5735
#####	512.5416	517.1975	510.1642	515.4144	470.3329	6892223	48.91041	524.9775
#####	502.2393	505.7064	497.8558	499.9361	456.2085	8371144	56.40387	524.4967
#####	499.7628	499.7628	494.0915	495.8746	452.5023	8146584	61.03977	523.7615
#####	497.7815	499.8123	485.4484	488.4203	445.7	11403773	64.39611	523.9994
#####	491.3426	491.8379	480.4459	481.6346	439.5078	16481230	71.98365	523.5872
#####	482.9224	489.3613	481.0898	487.2563	444.6378	6893126	71.51766	521.3607
#####	487.3306	488.767	476.1367	477.8455	436.0501	6280802	69.70627	520.0518
#####	478.0189	479.1581	466.1068	467.5184	426.6263	10166156	70.14099	520.4084
#####	468.0632	473.8831	465.5867	469.3758	428.3213	5384888	67.05555	520.8318
#####	468.0632	477.2511	467.3946	470.515	433.0163	9037540	65.68707	520.4094
#####	472.0257	475.4928	470.094	473.041	435.341	5960945	71.04329	518.3628
#####	475.4928	478.4894	471.2332	475.1461	437.2783	3697955	66.69754	516.0544
#####	475.1461	477.4245	468.831	470.9112	433.3809	3758167	66.70482	514.1762
#####	472.521	474.7003	467.3203	473.2392	435.5233	3782919	67.67269	511.0262
#####	471.2827	472.8925	466.082	468.3109	430.9878	4254560	73.27737	505.4148
#####	468.187	476.4834	464.5713	469.5491	432.1274	6417629	75.18738	496.4593
#####	470.5398	471.2332	466.3544	468.0632	430.7599	3234259	72.63202	491.1815
#####	468.3852	468.9548	454.3185	456.0026	419.6605	8022731	74.54069	487.8987
#####	455.6806	457.5875	444.9572	446.6908	411.0908	11452028	75.47853	488.1012
#####	449.9351	456.6712	448.1272	453.4517	417.3129	8340495	75.47853	486.4237
#####	454.9129	458.5534	450.8762	457.2656	420.8228	6402610	70.22589	482.8509
#####	455.1853	456.6712	447.409	450.4304	414.5323	6847126	64.09317	482.2194
#####	448.7463	456.1264	448.7463	453.5756	417.4269	5126067	64.09317	481.8324
#####	452.7583	452.7583	446.2698	448.7463	412.9825	6051311	65.45456	481.4167
#####	452.0154	464.0265	451.2724	462.5406	425.6774	13845822	66.59117	480.178
#####	462.6644	471.9761	462.6644	468.2861	430.965	6984579	56.82989	479.082
#####	470.0197	472.0257	462.7387	465.0171	427.9565	3490998	53.70486	477.3124
#####	468.0632	473.4621	464.2494	471.4561	433.8823	6499455	53.70486	477.2721
#####	471.5304	474.8241	467.3946	468.9548	431.5804	3711757	49.60366	476.6179

#####	463.8779	472.8677	463.8779	471.0598	433.5177	4346741	49.60366	477.1199
#####	475.7404	478.9599	461.3766	462.912	426.0192	8819371	52.90179	476.1468
#####	462.9368	465.9829	459.7173	464.4723	427.4551	2838132	45.49565	476.3923
#####	462.392	475.4928	462.392	474.626	436.7996	8128161	37.10489	479.7636
#####	473.1401	473.4868	467.5432	470.1435	432.6744	6555633	35.97035	479.5869
#####	469.3015	474.4279	469.0538	472.521	434.8623	4223700	39.13602	480.5136
#####	473.0658	473.5116	461.649	467.8156	430.532	5108238	38.13385	481.4072
#####	467.1964	467.1964	456.1759	458.4543	421.9168	5964135	45.14387	480.2109
#####	458.3057	461.5004	450.7275	451.3962	415.4212	8753313	48.3783	480.9225
#####	451.7182	455.1358	445.0811	446.0469	410.4982	9302320	51.55049	480.5988
#####	446.2698	446.2698	437.8991	439.608	404.5724	11523259	64.38784	483.1242
#####	441.4654	442.456	428.5379	430.2962	396.0028	10166701	71.70279	486.3969
#####	433.3919	433.3919	410.1621	412.7129	379.8208	13983460	76.80205	491.557
#####	416.0067	423.4858	414.7189	420.3406	386.8406	8036440	81.72676	491.7417
#####	422.6685	425.046	413.1587	418.929	385.5415	9279653	75.60854	490.838
#####	419.3004	432.2527	418.9785	431.163	396.8005	9559447	75.15582	488.1361
#####	432.9709	435.7198	423.783	431.6088	397.2108	14615848	65.92945	485.7465
#####	429.2809	436.7599	426.8786	431.6831	397.2791	6622232	66.67505	482.0002
#####	435.3236	435.3236	426.9529	431.4602	397.0741	4716364	72.97062	476.0745
#####	433.7386	439.8308	431.9555	438.4688	403.524	5736737	72.97062	470.212
#####	440.1776	446.7651	439.3355	445.0316	409.5638	10035182	67.44187	463.7065
#####	449.2416	449.2416	424.3278	426.9282	392.9032	13234843	65.85305	456.6253
#####	433.0947	435.5712	428.4388	430.1229	395.8432	7614522	63.24396	451.379
#####	430.5686	430.5686	418.0374	419.0033	385.6098	15601356	63.34312	447.7216
#####	420.4397	425.2193	416.4029	422.4456	388.7779	12404150	60.85596	444.7939
#####	424.9717	433.3423	423.6096	431.2621	396.8917	9293675	54.4089	443.9075
#####	432.4013	432.8966	421.9999	423.4115	389.6667	9662670	43.92918	444.7878
#####	422.9905	425.9375	419.5233	422.6438	388.9602	4429848	44.41347	443.1578
#####	419.771	424.6745	418.8795	419.8948	386.4303	6030136	49.41531	443.2945
#####	422.5199	430.7668	421.5541	428.6617	394.4986	7859236	49.41531	442.2203
#####	427.5968	434.8282	425.6404	429.7018	395.4558	6143731	51.58059	442.0388
#####	429.7762	433.8872	428.4388	432.5003	398.0313	4710180	51.19604	442.1538
#####	431.8564	432.847	428.0426	429.7266	395.4786	3037944	51.0198	441.9566
#####	429.6771	436.5618	428.9341	435.596	400.8802	4533226	51.0198	442.128
#####	438.8402	439.2365	430.321	433.9862	399.3988	5159636	52.62243	440.6858
#####	433.8624	433.8624	424.7488	426.3833	392.4018	3639468	50.39828	437.3529
#####	428.9341	434.3825	427.2006	432.5746	398.0996	7062704	50.39828	437.8415
#####	441.8121	441.8121	435.4474	437.28	402.4301	10109253	38.74282	440.1514
#####	439.9547	440.8958	430.6182	431.6583	397.2563	9443217	41.03822	439.7178
#####	433.3919	433.3919	425.5413	426.3833	392.4018	6311391	47.28207	438.844
#####	423.4858	423.4858	412.7872	414.7437	381.6898	14444657	56.42908	440.6415
#####	416.0562	419.6472	407.7103	410.0878	377.4049	9873070	58.80514	442.696
#####	415.0656	415.0656	406.8188	411.5242	378.7268	6572689	57.15317	443.9708
#####	409.8896	415.5114	405.4071	414.7189	381.6669	7647358	55.98017	443.7185
#####	409.4934	414.174	407.6855	408.6514	376.0829	6500398	64.19535	444.2438
#####	410.1125	411.9204	401.2218	402.361	370.2939	6339814	68.05099	444.9069
#####	395.9963	395.9963	385.8426	392.2816	361.0179	12101830	73.33333	446.3926

#####	384.7034	394.4609	379.8989	386.6599	355.8441	10264988	75.07931	447.2595
#####	372.9647	385.8426	372.9647	379.0569	348.8472	15067521	81.94123	447.2168
#####	388.9878	391.291	378.9083	382.7469	352.2431	8189989	80.18956	445.5686
#####	380.5676	388.7897	378.9083	382.4745	351.9924	5025802	76.66163	443.4416
#####	387.8238	387.8238	375.4412	376.8776	346.8415	7948167	84.06541	439.5053
#####	376.4318	382.524	373.8067	376.0108	346.0438	5208919	88.4892	433.3864
#####	376.6794	383.5642	371.9741	373.9553	344.1521	6251404	87.95265	427.44
#####	375.2926	376.4318	365.0398	367.1201	337.8616	7904048	87.05201	422.6871
#####	362.0927	366.0304	357.2635	362.8357	333.9187	9414586	86.97673	419.9185
#####	362.068	376.3575	359.3933	374.9459	345.0638	7172968	86.97673	415.7939
#####	376.6052	382.3755	370.2405	379.0322	348.8244	8093221	74.52674	410.2934
#####	378.413	381.1372	374.4506	377.0757	347.0238	5993864	72.12772	402.9455
#####	377.2243	380.8896	371.6026	373.2123	343.4683	9790367	71.14624	396.08
#####	371.9741	374.5001	352.6572	356.3224	327.9245	9000086	73.741	392.3086
#####	362.1175	376.3823	360.7554	373.98	344.1749	8453235	71.63546	389.0936
#####	378.9083	394.4114	378.413	387.6257	356.733	15791175	53.16651	389.9136
#####	394.6095	403.0297	391.0185	398.9434	367.1487	15730802	45.43294	395.1753
#####	393.5198	395.7487	387.799	390.7213	359.582	9221342	46.23047	396.8563
#####	387.9229	408.8743	384.6043	406.8931	374.4649	14460392	43.33094	403.8592
#####	408.1313	417.7898	407.9827	412.8367	379.9348	14508712	37.03473	411.7254
#####	412.8367	425.467	403.4259	422.2227	388.5728	16283679	34.19252	421.3211
#####	422.0742	425.2441	407.9827	408.9981	376.4021	13643841	34.90987	425.9193
#####	401.3704	407.3636	393.8913	399.3644	367.5362	8574435	37.32601	427.6175
#####	402.782	408.5028	394.6342	401.3209	369.3367	11722300	37.32601	427.376
#####	403.1288	410.9793	398.8196	408.8247	376.2426	9478757	40.1553	429.4673
#####	412.5891	415.3628	402.9554	414.2236	381.2112	9417851	38.27726	432.7261
#####	421.0092	421.0092	406.6454	408.9486	376.3565	12373176	37.43688	434.4271
#####	408.6266	410.6821	403.9708	406.9178	374.4876	5905393	30.13806	435.7378
#####	407.636	422.9657	404.3175	421.9008	388.2764	8509100	30.13806	431.303
#####	421.455	421.455	412.2423	414.8675	381.8037	7859442	34.48017	427.7388
#####	408.1066	410.063	386.3379	389.4831	358.4424	12598043	49.35267	426.5849
#####	383.3165	392.5787	378.4626	381.682	351.263	17773749	53.43109	429.5427
#####	380.9886	381.7316	370.2653	376.0356	346.0665	12553781	55.34523	430.8986
#####	383.3661	396.5907	382.3755	394.8571	363.3881	10174668	62.72988	430.065
#####	396.1202	399.3644	390.8452	394.8571	363.3881	11553462	56.70484	428.0595
#####	391.5386	402.5591	388.542	400.0579	368.1743	14542631	56.34303	425.3497
#####	397.9776	407.5865	392.5292	400.3798	368.4706	16126735	49.67606	425.0915
#####	391.8853	396.1945	388.3687	390.3994	359.2857	9741995	53.82017	424.8744
#####	388.3191	391.6872	379.0322	382.1773	351.7189	12115244	57.74395	424.5632
#####	382.6479	385.2978	377.2986	379.8989	349.622	9569045	62.21757	423.1823
#####	389.6564	400.2065	388.7649	397.6804	365.9864	9188936	63.48587	420.8148
#####	398.3491	411.5489	398.3243	410.7317	377.9975	6851602	53.74122	421.3404
#####	413.5797	416.7496	407.3884	409.6172	376.9719	7253126	49.01925	420.7947
#####	410.806	421.9503	409.1467	420.8359	387.2964	7970087	52.27077	420.9488
#####	421.0092	424.9717	417.0963	419.4738	386.043	8470239	35.41315	424.0534
#####	417.0468	430.7668	416.7992	429.3799	395.1595	8247514	30.10948	431.6834
#####	429.4294	430.3458	411.6728	412.9853	380.0715	10177179	34.02568	433.5337

#####	408.6266	409.3201	401.8657	406.1006	373.7355	8445230	37.73241	431.2207
#####	408.8743	418.5327	408.1808	417.5421	384.2652	5479183	44.57974	433.3125
#####	413.5054	416.502	407.1407	415.4123	382.3051	4601954	41.23733	434.3385
#####	416.0562	420.613	411.648	413.9511	380.9604	4773170	43.88223	435.3564
#####	420.0186	422.9905	417.8145	419.2757	385.8606	4191142	38.5944	437.7963
#####	423.4858	436.3389	417.1211	433.8624	399.2848	10492617	31.51529	442.4268
#####	445.6259	447.7557	437.8991	445.7745	410.2476	11320061	26.04967	447.4767
#####	444.7839	445.4278	432.1784	434.6549	400.0142	7324945	29.82295	444.6182
#####	431.163	435.1255	424.7736	426.2595	392.2878	7561443	38.68627	442.9792
#####	423.4858	436.3389	423.4858	431.8069	397.3931	6346140	42.57951	444.4337
#####	429.8009	440.4995	427.4482	438.7907	403.8203	7403512	40.57239	445.9986
#####	448.251	448.251	432.2279	435.8436	401.1081	8423005	42.88483	447.8022
#####	435.3731	438.3449	430.1724	437.701	402.8175	4670471	42.88483	448.9585
#####	440.8462	442.134	426.5319	428.4141	394.2707	5383171	42.27623	450.0341
#####	425.467	440.2271	421.0588	438.5183	403.5696	10032713	38.00267	451.8425
#####	441.5149	443.7933	432.4013	434.2339	399.6267	7382265	36.90038	449.7026
#####	431.4106	434.8778	424.1049	426.6805	392.6752	4567898	44.44173	449.3865
#####	425.5165	425.5165	414.7437	420.0682	386.5899	6144064	47.12857	448.866
#####	418.5575	420.3406	399.3397	401.1723	369.2	11181100	55.09477	451.7785
#####	396.3926	402.1629	389.805	400.256	368.3567	10010082	57.85919	453.7491
#####	396.244	396.244	387.0809	389.4831	358.4424	8175772	68.93492	456.2943
#####	390.3499	398.4481	389.6069	393.8665	362.4765	8847784	73.98738	455.2563
#####	391.2414	391.2414	374.3515	383.0689	352.5393	10942285	71.39353	456.7455
#####	383.8614	385.3473	373.039	382.9451	352.4254	12856149	71.42857	457.0127
#####	381.2363	382.004	371.9741	373.3609	343.6051	7469589	77.80397	456.4683
#####	378.9083	389.2107	377.6948	388.2201	357.28	5091951	82.82592	452.2105
#####	387.3285	387.3285	376.0108	378.9083	348.7104	9697943	73.85349	447.8927
#####	374.7973	387.9724	373.0142	385.4711	354.7502	9224913	72.87708	442.217
#####	395.7487	401.5685	393.8665	395.7487	364.2086	9519320	68.70953	436.7292
#####	394.7581	403.6736	389.5822	402.2124	370.1572	9044689	67.39033	428.6838
#####	400.3798	402.2867	395.4268	399.5873	367.7413	6381591	62.07505	420.5202
#####	399.7112	405.9024	397.829	401.098	369.1316	7094921	59.69974	413.7871
#####	397.2346	400.0579	382.425	385.7683	355.0236	8969618	57.44019	407.6893
#####	381.3353	381.3353	372.8161	374.302	344.4712	10185392	61.37646	406.671
#####	376.7042	377.4224	358.6008	360.3344	331.6168	10290697	62.42872	408.4063
#####	358.5513	369.4975	357.1149	367.6649	338.363	10556057	62.42872	408.2865
#####	365.5351	373.4104	363.2567	367.4668	338.1807	10709978	57.11702	408.115
#####	362.5137	373.7076	358.3532	371.553	341.9413	13347611	57.06853	407.953
#####	370.9835	418.3346	354.6631	357.5359	329.0413	11767926	56.70513	409.6292
#####	356.2234	366.4762	354.2174	364.1978	335.1722	9517602	56.70513	408.8855
#####	367.3677	367.3677	351.2703	353.3754	325.2123	11206353	61.4683	409.498
#####	360.0867	373.3362	357.9569	370.4881	340.9612	9213323	61.4683	408.6174
#####	367.1944	376.5804	363.0586	373.7324	343.947	9032250	56.14714	406.7634
#####	376.4318	381.261	367.7144	369.6956	340.2319	7088712	60.95833	402.8152
#####	370.0176	378.8093	369.2747	376.9271	346.8871	4797991	63.61381	397.4298
#####	379.4036	380.741	369.1756	372.9894	343.2632	6206898	60.99509	391.267
#####	375.2926	375.6888	364.2225	366.0552	336.8817	5711769	58.87601	383.1342

#####	363.3805	366.0304	350.2797	352.6076	324.5058	11002360	59.59685	380.7137
#####	353.1525	356.892	341.2651	343.2216	315.8678	13450964	57.88994	382.929
#####	345.1285	351.5427	340.3488	349.9578	322.0671	8679938	57.88994	382.9954
#####	352.781	360.0372	351.8399	358.9228	330.3176	9455771	58.13205	382.4146
#####	360.2849	362.0432	353.3258	354.7127	326.4431	8557084	55.27773	381.5123
#####	354.1431	359.0714	343.7912	346.4659	318.8535	13364666	54.98773	381.5673
#####	345.2524	358.6008	345.0542	355.4061	327.0812	9495456	54.98773	381.0543
#####	0	0	0	0	0	0	88.59199	516.0273
#####	353.8707	353.8707	347.927	349.8091	321.9304	8485434	88.59199	514.4692
#####	352.6572	366.0304	352.6572	364.6436	335.5825	9100905	51.30792	513.5467
#####	365.4856	372.9647	362.3156	370.612	341.0752	9776083	50.31651	513.4434
#####	370.2405	372.9399	362.8604	364.9903	335.9016	6564892	50.29057	512.3679
#####	367.5163	371.9493	360.6316	362.4642	333.5768	9474828	50.65698	510.8649
#####	361.5479	361.5479	352.1619	353.1277	324.9845	8212087	50.80451	509.0678
#####	354.6384	368.705	354.6384	367.5411	338.2491	10493808	49.96708	510.2096
#####	377.4224	390.2508	375.466	386.2141	355.4339	18672849	48.4705	515.0439
#####	390.7957	394.238	387.3781	389.1364	358.1233	11070972	47.35817	519.8296
#####	391.291	396.244	382.4002	392.6035	361.3141	14641208	47.58119	524.1946
#####	374.1039	386.2141	374.0544	382.1526	351.6961	13037592	48.30747	527.1149
#####	383.6633	392.0834	381.583	388.1953	357.2572	10287598	47.77617	531.4244
#####	390.6471	393.7675	387.7248	391.7615	360.5392	7747155	47.41905	535.4853
#####	396.244	410.063	395.7487	406.3482	373.9634	11236492	6.24066	566.7549
#####	403.1288	405.5805	392.3806	393.6436	362.2713	9749731	8.557125	411.8913
#####	398.4729	406.5464	396.9374	404.7137	372.4591	12647685	32.48218	413.7804
#####	405.6053	413.0844	404.1689	411.6975	378.8864	7625212	33.4898	418.8014
#####	413.5797	417.3935	408.2056	410.7317	377.9975	9896889	30.57018	423.6265
#####	411.1031	416.0562	403.9955	415.2142	382.1228	9225041	29.04752	427.9281
#####	418.9785	420.7616	408.1808	412.5891	379.7069	8044360	23.67901	430.4364
#####	417.0468	422.3466	413.2082	418.3098	384.9717	9723255	23.67901	428.3582
#####	419.5233	428.2902	418.5327	425.1698	391.285	7364403	25.6532	429.0862
#####	424.3526	425.9128	417.344	422.9162	389.211	8700075	30.62238	432.0353
#####	421.1826	425.467	415.0656	417.666	384.3791	6900747	35.29861	433.2778
#####	416.601	425.368	416.5515	420.6378	387.1141	7053631	28.63527	435.8652
#####	419.4738	424.1792	417.5421	420.4644	386.9545	6327860	27.79213	434.755
#####	423.0895	423.8573	412.6138	414.3969	381.3707	14500796	34.81628	432.9217
#####	411.5985	411.5985	398.5719	402.4106	370.3395	12805396	44.37762	430.1345
#####	407.1655	409.3201	401.2961	405.2585	372.9605	16578320	43.49742	431.0918
#####	404.9118	420.3901	403.7231	417.8145	384.5159	16825319	41.73422	428.508
#####	420.0186	424.6745	411.1527	412.7872	379.8892	11605231	44.74192	427.5293
#####	412.0938	420.9597	409.4191	415.8581	382.7154	8817381	48.50664	427.7508
#####	412.8367	416.8982	403.4259	406.1253	373.7583	8651307	52.8216	427.792
#####	407.0417	408.9238	379.0817	387.0561	356.2088	12816779	63.64119	432.2163
#####	390.8204	396.4174	390.1518	394.5104	363.0691	10679112	63.64119	432.7238
#####	398.7453	410.063	398.2995	406.5216	374.1229	12851372	62.48376	431.2846
#####	402.0886	405.5062	396.7888	401.6676	369.6558	5981352	60.30754	428.8827
#####	404.2927	405.1595	399.092	403.2278	371.0917	5855153	58.17721	426.7801
#####	0	0	0	0	0	0	91.54964	581.9781

#####	402.2124	403.1783	393.396	395.0057	363.5249	6033884	92.09143	579.2174
#####	394.7581	400.7018	383.3661	384.6291	353.9752	16212214	51.65601	575.9189
#####	384.6291	385.0996	371.9741	377.3234	347.2518	13015675	51.40293	573.1164
#####	384.01	386.1398	380.9886	383.267	352.7217	7960604	51.40293	571.0509
#####	391.291	397.7299	386.1893	395.5258	364.0035	6941849	51.22557	569.0966
#####	397.9528	407.1159	397.8785	406.1253	373.7583	7437996	50.96771	567.993
#####	410.1125	411.1031	399.5626	403.4259	371.274	8133390	50.5171	566.6404
#####	405.1595	406.7445	392.975	394.5847	363.1375	9349160	50.64029	564.8097
#####	386.3379	395.1048	380.0723	382.5488	352.0607	11615259	50.25203	563.6658
#####	386.8332	387.8238	372.0236	374.0048	344.1977	7374139	50.72289	561.9669
#####	374.5001	379.6017	371.6274	376.7042	346.6819	4825148	51.14523	559.3698
#####	376.4318	383.1184	374.0048	380.419	350.1007	6558681	51.41661	556.8334
#####	379.3541	382.1031	362.5633	364.7178	335.6508	13496043	52.05159	553.0461
#####	368.4079	371.2311	365.5846	368.5317	339.1607	12440488	13.21376	578.1487
#####	368.4574	368.4574	360.0867	361.6222	332.8019	10676952	14.29828	408.4616
#####	365.5351	365.9313	359.1457	362.0927	333.2349	12550349	61.38201	408.0312
#####	361.5727	364.495	356.8672	359.4428	330.7962	8340545	59.22803	408.6956
#####	355.629	361.4241	355.629	358.9228	330.3176	11065337	59.44574	408.6901
#####	361.325	372.9647	360.1363	371.7759	342.1464	7973277	63.30897	407.0159
#####	371.1568	371.8998	366.0552	366.7981	337.5654	5178348	64.80348	403.0062
#####	368.6307	377.8682	368.6307	372.8161	343.1037	8083443	71.87224	395.8936
#####	369.0022	374.9459	368.2345	369.9928	340.5055	5452018	64.68502	388.1797
#####	366.5505	370.4881	363.6034	367.5906	338.2946	5266492	60.0936	382.3064
#####	369.4975	369.9928	365.5846	367.8383	338.5226	3862801	54.89235	379.9224
#####	366.0304	366.0304	359.74	361.7213	332.8931	7524337	58.53996	378.8375
#####	363.2072	369.2994	363.2072	368.1602	338.8189	5436054	60.8229	376.9155
#####	369.5223	377.4224	365.2874	372.2465	342.5795	6560046	46.93966	375.3208
#####	370.0424	373.1876	364.5445	370.5377	341.0068	4854071	45.30938	375.6617
#####	373.8562	373.8562	366.6991	369.6956	340.2319	6412063	42.26021	376.3198
#####	371.4788	374.8468	367.863	370.7853	341.2348	6921684	42.26021	376.7116
#####	373.4104	373.4104	365.7827	367.343	338.0668	8491224	42.62598	376.8249
#####	366.5505	367.021	360.582	361.9937	333.1437	6886619	47.37065	376.4593
#####	359.5172	369.3737	358.6999	364.6931	335.6281	10202196	47.37065	374.6283
#####	366.0304	366.7733	358.4522	364.0987	335.081	7690849	53.07738	374.4579
#####	363.6034	367.9621	360.6068	364.6931	335.6281	6270138	53.07738	374.0397
#####	365.0893	370.9835	363.3557	369.027	339.6166	7005751	57.44085	373.4395
#####	367.1696	370.0671	364.7921	367.5163	338.2263	5769578	50.0951	373.2766
#####	365.2874	370.4386	365.2874	369.0518	339.6394	5606182	50.0951	373.4316
#####	370.4386	372.1722	366.5257	368.284	338.9328	5778059	40.62283	373.9148
#####	365.7827	368.7298	364.1235	365.9561	336.7905	3830290	44.32648	373.0564
#####	363.2567	366.5257	357.6102	359.8143	331.1382	7628568	61.27088	373.387
#####	354.1431	357.6102	349.2396	354.4898	326.238	9269137	71.95115	374.1494
#####	355.629	356.0748	346.2182	350.8493	322.8876	7844489	73.9458	375.2164
#####	347.7041	350.8245	342.2805	344.2865	316.8478	7410908	77.66984	376.8761
#####	345.3514	350.8741	342.0329	343.816	316.4148	6847940	78.10646	377.3361
#####	343.2464	348.1994	340.9184	345.3267	317.8051	6142699	74.89817	377.4928
#####	345.7229	348.1003	336.0892	337.4513	310.5575	8239557	76.74038	378.5722

#####	336.3121	340.7698	333.8851	337.6247	310.7169	7462767	81.27904	378.6103
#####	334.3309	338.1942	333.365	334.8757	308.1871	6262323	82.10007	378.3321
#####	336.9312	341.6862	335.7177	339.3582	312.3123	7188475	83.18633	376.5726
#####	335.2719	344.9304	334.3309	341.0423	313.8622	4772735	82.31951	373.6392
#####	340.0269	347.0602	339.7792	344.4846	317.0302	4712504	79.25559	370.2779
#####	348.9919	348.9919	341.1413	342.3053	315.0245	5931793	76.74653	365.9305
#####	339.383	341.7357	336.5845	340.2002	313.0872	5215671	76.63934	360.9156
#####	343.7417	346.7135	339.8288	344.3856	316.939	4845131	73.23944	355.7889
#####	344.237	344.3856	341.0423	342.3548	315.0701	6228531	64.08043	351.7787
#####	342.7511	348.1994	342.7511	347.5308	319.8335	5199022	60.76584	349.7885
#####	347.8032	351.5675	345.5	347.6298	319.9247	6933739	45.73843	349.2425
#####	346.5401	350.9979	344.3113	349.8091	321.9304	7108815	44.94088	350.5709
#####	345.2276	361.1021	337.9714	349.4872	325.5522	18221017	42.94517	351.5677
#####	350.354	351.3941	335.8416	339.4077	316.163	8270800	47.60751	351.7717
#####	335.3215	345.2276	333.5384	343.1225	319.6234	6585532	47.60751	351.74
#####	344.7323	349.6853	344.2865	347.9765	324.1451	6130844	40.10694	352.5268
#####	348.9176	355.629	345.9706	354.5889	330.3044	10731209	35.92334	353.9114
#####	357.1397	362.5137	354.7622	357.2387	332.7729	12896530	34.35111	356.4963
#####	355.629	362.5137	352.8058	361.4241	336.6716	5869121	33.68262	359.8814
#####	362.91	364.7426	355.6785	357.734	333.2343	4593928	35.13128	361.8783
#####	354.1431	359.5914	353.8459	358.0808	333.5573	5520457	32.38804	363.573
#####	357.734	358.5761	352.8553	354.787	330.489	4591934	36.34674	363.6096
#####	354.6384	357.0158	352.1866	354.8117	330.5121	3451846	36.83105	364.2541
#####	355.8766	361.4736	355.8766	359.9629	335.3105	4585794	36.81175	364.9563
#####	361.746	363.8015	352.6572	356.0748	331.6886	4630879	41.63839	365.426
#####	355.1337	366.2285	355.1337	365.2627	340.2473	3601568	41.71928	367.6494
#####	365.5351	367.9868	363.0586	365.2379	340.2242	4759616	36.35193	369.6751
#####	363.5539	363.5539	351.8647	355.9757	331.5963	10434160	35.43752	370.5523
#####	353.4249	354.0935	348.4718	352.1619	328.0437	8828628	39.49407	368.4754
#####	353.7468	358.0808	352.6572	354.7375	330.4429	5129405	42.06865	366.5672
#####	355.3813	359.3438	353.8707	358.3532	333.811	7422874	43.82072	365.3879
#####	359.7896	361.3745	355.629	357.8579	333.3496	3557266	46.86907	365.2354
#####	358.799	360.483	354.9603	356.5701	332.15	5493413	50.65758	364.9147
#####	359.1457	366.9715	359.1457	365.4608	340.4318	7739826	51.35447	366.2267
#####	364.2968	366.9219	361.6469	365.2379	340.2242	3152952	42.79599	367.4642
#####	366.5009	367.8383	362.2166	364.7178	339.7397	4751104	39.85839	368.6621
#####	366.5257	366.5257	361.0031	363.6777	338.7708	4313693	41.10946	369.2408
#####	364.0244	367.7144	362.588	365.8818	340.824	3602261	41.12982	369.74
#####	365.5351	365.5351	361.325	363.9749	339.0477	4273284	41.23144	370.4603
#####	361.0774	363.4548	359.641	362.4642	337.6405	3599143	43.13829	369.9485
#####	362.2908	367.5163	361.9689	366.3771	341.2854	2757163	53.71354	370.1797
#####	363.2815	364.8417	357.6102	359.4181	334.803	5509003	45.58167	370.2082
#####	357.5607	361.4736	355.1832	357.214	332.7498	4645678	43.23609	370.4098
#####	356.6196	359.8391	354.1431	355.8766	331.5041	5248719	45.19847	369.6632
#####	356.6196	358.6751	354.1678	356.793	332.3577	3372324	48.42251	369.1669
#####	358.9971	360.5573	355.2823	356.2977	331.8963	5259656	52.33507	369.3329
#####	355.629	357.5359	352.7562	354.5393	330.2584	3947091	52.99709	369.7162

#####	356.7187	361.5231	355.629	360.483	335.7949	5390884	52.99709	369.0364
#####	357.7588	361.0031	355.1584	357.9322	333.4188	5725819	60.98288	368.3344
#####	354.1431	359.4924	353.3011	356.1243	331.7347	4717004	62.43727	367.6407
#####	357.1149	360.0125	355.8023	358.8485	334.2724	3708206	61.27126	366.9157
#####	356.8177	358.8732	352.7314	356.2481	331.8502	4037302	59.56632	366.0981
#####	357.0654	357.0654	350.0073	351.7408	327.6515	6468771	65.59343	365.1979
#####	356.1243	359.9877	354.7127	357.1149	332.6575	6214746	64.21536	364.1656
#####	358.1055	362.4642	357.5359	361.3745	336.6254	3213827	56.20691	363.6259
#####	362.3651	369.5471	357.1149	368.3088	343.0848	6220930	47.31841	364.9778
#####	366.6495	371.9245	365.8323	369.869	344.5381	6660322	36.53845	368.0389
#####	367.5659	370.29	364.916	366.3028	341.2162	3680261	38.41497	369.4999
#####	364.0492	370.4881	361.8451	367.7887	342.6003	5050568	38.41497	370.9702
#####	370.5129	390.9938	370.5129	389.3345	362.6705	17253037	37.25277	380.5694
#####	389.3345	394.238	385.2235	388.1953	361.6093	9077838	24.50282	386.8282
#####	388.8392	395.7487	387.6009	391.6872	364.8621	8478178	24.50282	392.2645
#####	390.7461	394.4609	384.6786	386.4122	359.9483	5884154	28.51272	395.8579
#####	385.174	390.7957	383.4404	387.3781	360.8481	4928009	26.50789	399.0147
#####	386.0902	391.291	386.0902	390.3746	363.6395	2853712	26.11659	401.8115
#####	390.2508	397.2346	389.805	396.0211	368.8992	7618768	22.95922	405.8493
#####	397.2594	407.0664	395.7982	404.2432	376.5582	9983216	15.53586	411.0644
#####	405.11	408.5771	401.0237	404.2184	376.5351	6613375	13.80252	413.4206
#####	404.1689	408.0818	402.3362	403.3021	375.6816	5102980	16.05388	415.0423
#####	400.8008	403.9212	399.0672	400.1074	372.7056	4037403	21.07987	415.2202
#####	401.4695	401.8905	390.2756	393.5198	366.5693	7689064	31.07806	414.916
#####	392.1577	393.5198	385.694	387.3781	360.8481	6976771	34.41962	414.1605
#####	389.3097	394.3618	388.0715	389.9784	363.2703	4224728	34.41962	411.6111
#####	389.7307	393.2227	385.6197	391.39	364.5853	4049270	33.86167	406.2752
#####	391.7863	395.0057	386.4865	387.4028	360.8711	4080719	50.76996	406.4301
#####	386.2141	392.2073	380.6914	388.0219	361.4478	12573890	50.76996	406.1878
#####	386.3379	388.5172	377.7691	379.6017	353.6043	6821782	56.58211	407.4617
#####	380.3943	381.3601	376.4566	377.9425	352.0587	4518147	57.93137	408.3027
#####	378.3882	386.9075	377.5215	386.1398	359.6946	4040417	58.9986	408.109
#####	383.9852	386.3131	378.5121	381.9545	355.7959	6082377	56.81089	407.8616
#####	379.5522	383.6633	378.413	380.4933	354.4348	2447189	63.47228	406.8046
#####	385.694	394.5104	385.5949	392.1577	365.3005	6378806	74.02206	404.3483
#####	0	0	0	0	0	0	94.58468	554.0393
#####	396.244	397.9033	390.8699	392.3063	365.4389	4050167	94.54616	552.945
#####	391.0433	394.1885	387.9229	391.7863	364.9544	6303586	50.10377	552.4276
#####	393.0245	396.0954	391.0185	395.3029	368.2303	3587189	49.73419	553.0748
#####	395.3029	400.4541	393.4208	395.823	368.7147	5389343	49.52415	553.8396
#####	402.683	418.8795	400.9742	416.923	388.3695	16758304	49.64818	557.1602
#####	420.0682	436.6609	420.0682	432.7727	403.1339	19581744	48.25598	563.0323
#####	431.0144	432.847	421.6531	423.783	394.7598	7982160	47.91199	567.4309
#####	416.4029	420.1672	410.2364	412.3414	384.1017	7065616	48.1261	570.7528
#####	412.5891	423.3372	412.0938	421.1578	392.3145	16584274	48.02738	575.3996
#####	421.0092	424.8726	412.4652	414.2484	385.8782	6878656	47.95491	578.4332
#####	415.0656	418.4337	411.227	415.9324	387.4468	6386343	48.15517	581.8046

#####	415.0656	420.8607	413.0101	418.4089	389.7538	7687608	47.97601	585.5176
#####	418.6318	420.0186	408.2552	411.0289	382.8792	14038996	48.27548	587.4404
#####	414.5703	419.9691	413.2577	414.6693	386.2703	6515276	7.318827	617.6536
#####	416.0562	417.1954	410.7317	412.8367	384.5632	4020692	7.612891	436.1853
#####	413.3073	422.718	413.2082	419.0776	390.3766	10108193	38.82166	436.0771
#####	421.2817	425.4175	420.5635	422.4456	393.514	5827181	36.40847	435.1718
#####	425.9128	426.9529	337.9714	424.8726	395.7748	7252375	36.46243	434.5
#####	423.2629	423.2629	404.2927	405.8529	378.0577	9642125	45.86144	430.6175
#####	408.8743	409.4687	402.7325	403.8222	376.166	5354197	56.41523	430.3228
#####	401.6924	407.2893	399.9093	404.1689	376.489	4329302	62.91668	427.5251
#####	405.6548	407.1407	400.8503	406.1253	378.3115	5472058	56.17515	426.8771
#####	405.5557	409.3201	404.1936	405.6053	377.827	4904139	54.90621	426.3884
#####	405.6548	411.0536	405.6548	407.6608	379.7418	5160103	58.16569	425.5124
#####	415.5114	416.0314	401.1971	402.4106	374.8511	10232355	59.82732	425.41
#####	404.1936	404.8623	397.0117	398.7948	371.4829	9652460	63.78486	425.1726
#####	399.835	404.1689	394.7581	401.8409	374.3205	12276649	61.69509	424.4702
#####	400.0579	401.4447	395.9221	397.6309	370.3987	5837376	61.24742	424.3086
#####	393.8665	404.6394	392.133	403.9708	376.3044	6537307	64.05679	423.4709
#####	402.9306	403.5745	398.6215	401.1723	373.6976	4381354	59.22444	422.2722
#####	401.2466	405.5062	399.8102	401.3952	373.9052	8333146	65.71057	419.6158
#####	397.408	403.3764	397.408	401.7914	374.2743	5070092	69.54925	415.1366
#####	401.1971	402.0886	395.823	397.8537	370.6063	4309203	60.8901	408.3306
#####	397.8042	399.8845	395.2534	398.9682	371.6444	4348470	58.60103	407.9942
#####	393.7675	400.6027	390.6471	399.7607	372.3826	8481957	56.77734	407.7319
#####	402.1877	403.6241	397.4823	400.1817	372.7748	5329269	56.07922	407.2417
#####	398.0519	400.677	397.1603	399.2901	371.9443	2338211	58.99787	406.387
#####	398.2252	399.9093	394.3866	398.9434	371.6214	7130238	59.399	405.3341
#####	397.2346	398.8691	395.2534	396.665	369.499	4807914	59.44628	403.7756
#####	392.7769	395.402	391.1671	394.56	367.5381	5729271	57.3265	404.1166
#####	392.9502	397.9776	388.8144	390.127	363.4088	4889734	63.00152	405.271
#####	0	0	0	0	0	0	97.76866	569.3602
#####	389.2354	390.9938	385.8426	389.6317	362.9474	5843120	97.76866	568.1028
#####	390.7213	390.7213	384.8767	388.6163	362.0015	7038975	50.787	566.6865
#####	390.0032	392.6035	381.8802	383.9357	357.6414	6626155	51.07408	564.9164
#####	383.9852	385.4711	377.1005	383.5147	357.2493	9564034	51.11392	563.041
#####	386.6846	386.6846	377.5215	379.0817	353.1199	4353800	51.16932	560.9944
#####	379.6513	383.3165	376.9766	381.9792	355.819	3974851	51.16932	559.2695
#####	382.8955	383.2175	377.1252	379.3293	353.3506	4839706	51.21659	557.1645
#####	379.4036	384.2576	379.4036	383.2422	356.9955	3447158	51.26693	555.3293
#####	383.8119	386.0655	381.8802	383.1927	356.9493	2096510	50.99492	553.504
#####	384.852	390.3004	383.3661	389.706	363.0165	4988158	50.97391	552.4132
#####	389.3097	398.2252	387.6505	395.402	368.3224	9051975	50.42805	552.1484
#####	394.2875	400.2065	391.291	393.1236	366.2001	8420025	50.08772	551.8809
#####	393.7675	399.7112	391.1671	398.2252	370.9523	4762756	49.816	552.6375
#####	399.2901	408.9733	399.2158	408.478	380.503	7051360	3.61716	582.7589
#####	410.2364	414.6198	406.4473	412.391	384.148	6237831	3.532784	409.4733
#####	414.0502	418.9537	407.1407	417.9879	389.3615	5323356	27.48588	416.0574

#####	416.5763	420.8607	411.3261	413.3816	385.0707	6086633	24.75578	420.3481
#####	413.3816	415.0408	406.7692	410.2611	382.164	3774070	28.08439	422.9714
#####	412.0938	415.239	403.4259	406.1749	378.3575	7500949	27.67345	424.6358
#####	408.6266	413.4806	405.8282	412.391	384.148	4671957	27.67345	426.0722
#####	412.391	416.5515	411.3013	413.2082	384.9092	5354821	23.05205	427.685
#####	413.332	419.4243	410.3602	415.6847	387.2161	4130622	22.74899	428.0666
#####	413.332	418.2355	411.5985	413.1587	384.8631	3344204	26.29309	427.9096
#####	413.332	415.7838	409.1219	411.7966	383.5943	3690237	27.84809	425.8828
#####	413.6787	417.5669	413.1091	415.8086	387.3315	4023813	30.97268	424.9294
#####	417.022	417.022	410.8555	414.9913	386.5702	4420048	30.08571	424.7564
#####	412.5891	413.332	407.2398	408.7505	380.7568	4339348	37.22156	421.7575
#####	408.9238	409.7906	403.9708	406.4968	378.6574	2632412	42.90568	419.0152
#####	407.1407	414.0255	407.1407	410.2364	382.1409	2687673	52.06183	418.6647
#####	411.2517	412.0938	403.7231	405.0109	377.2733	7431009	56.94965	418.6529
#####	407.8837	419.028	406.9178	416.18	387.6775	6715100	59.75751	418.4891
#####	416.2048	420.9102	414.4712	415.8333	387.3545	4490742	44.56785	419.1562
#####	418.0374	419.3252	415.6104	416.4029	387.8851	3152667	39.76915	420.1926
#####	418.0374	423.9811	417.3192	419.9939	391.2301	6203434	39.29497	420.9652
#####	420.3158	426.9529	418.3346	426.3338	397.1359	7968629	41.57984	424.2992
#####	426.9034	428.2407	422.7676	426.8786	397.6435	6140890	37.0479	426.9258
#####	428.7856	431.4106	421.9008	424.2783	395.2212	7064261	38.60985	428.5973
#####	423.5353	425.0212	419.9691	421.3312	392.4759	6448905	40.54053	429.5275
#####	422.198	425.888	420.3406	422.3466	393.4217	7878644	40.54053	430.1425
#####	424.8479	425.4422	419.5233	421.034	392.1991	4264172	43.69183	430.7321
#####	422.2475	422.4952	414.1988	416.0067	387.516	3715209	42.22811	431.2181
#####	416.5515	422.4952	415.5609	419.7957	391.0456	3258598	39.29766	431.4412
#####	419.1023	421.9008	415.0656	419.5976	390.8611	4793989	36.4706	430.5745
#####	419.0528	431.3611	419.0528	426.631	397.4127	9022900	31.51287	431.777
#####	427.0024	442.5798	425.8385	440.8214	410.6313	10207239	26.74481	435.0779
#####	443.298	447.2357	438.6669	445.8736	415.3375	10501297	24.5844	441.4746
#####	464.6456	473.0163	454.7148	455.6558	424.4497	20286308	22.29329	449.8505
#####	455.6806	460.9804	453.4765	455.7054	424.4959	8613623	19.05507	455.8475
#####	456.7207	460.0393	453.7984	457.1913	425.8801	5400448	20.18198	460.9288
#####	458.1571	459.8164	449.2416	453.4765	422.4197	6201657	26.89713	464.559
#####	453.8232	454.368	448.3006	451.8172	420.874	6501830	25.95154	467.5498
#####	451.3962	452.2878	443.298	444.561	414.1148	6184550	31.13436	468.9151
#####	443.298	446.7651	435.9179	437.28	407.3325	7125282	38.41726	468.8627
#####	439.5832	447.4585	439.5832	445.4773	414.9684	8141748	37.78853	469.6203
#####	444.1152	444.7839	437.4038	439.1622	409.0857	7722548	34.76704	469.5686
#####	441.4901	445.6754	437.6515	442.8027	412.4768	3762524	34.76704	467.8255
#####	443.8181	446.2698	437.8991	439.187	409.1087	6321183	37.64448	466.0765
#####	437.8496	438.7907	432.4013	433.2681	403.5952	4480439	41.97673	463.1485
#####	436.0913	437.3048	431.3116	433.7138	404.0104	4558007	45.7541	460.9557
#####	431.7079	436.859	430.0981	432.3517	402.7417	3942395	56.43824	461.1356
#####	430.8906	432.8966	424.4764	427.7206	398.4277	4423115	63.88783	461.0815
#####	428.4388	433.3919	426.2595	430.1229	400.6654	3844245	75.13366	459.0898
#####	430.2219	436.0417	428.5379	433.6148	403.9182	4489795	72.08207	456.1515

#####	437.8496	439.8308	432.1536	435.3731	405.5562	4861085	67.66519	452.3521
#####	435.8684	437.5772	421.5045	424.0059	394.9674	5669500	70.54518	449.7886
#####	423.4362	424.6745	413.1339	418.929	390.2381	6641223	69.5652	448.098
#####	420.0186	423.2877	417.6412	419.771	391.0225	2450597	65.75924	447.5297
#####	420.5139	423.4858	413.2082	420.2168	391.4378	4465943	64.8218	446.7622
#####	424.9469	435.2988	424.2783	433.2928	403.6183	6864000	71.05118	444.6126
#####	430.42	434.2834	422.8171	425.5661	396.4208	7483003	60.33119	442.8873
#####	425.2193	431.906	424.9717	427.2501	397.9894	4488226	61.63283	440.2527
#####	427.9435	428.4141	421.5045	423.1638	394.183	4558920	58.65143	438.5103
#####	420.8607	420.8607	405.531	407.8837	379.9493	6218671	67.22691	440.1065
#####	411.1031	416.5267	409.6915	411.747	383.5481	8172768	67.02276	439.7046
#####	414.6693	415.8333	399.092	403.104	375.497	12768708	65.4348	440.7286
#####	404.1689	405.4071	398.9682	401.3952	373.9052	6417934	66.15994	441.3071
#####	400.6522	405.2833	398.671	402.4848	374.9202	6898502	68.17044	440.3828
#####	405.7043	413.3073	405.7043	409.2953	381.2643	6073047	70.30698	437.6028
#####	412.0442	415.2637	409.4687	413.7035	385.3706	4974092	60.45776	434.6665
#####	411.7223	416.7992	408.1561	414.3226	385.9473	4859539	53.75047	433.877
#####	417.5421	423.3372	416.0562	421.6531	392.7758	4675892	53.27697	434.1946
#####	422.0494	426.2595	416.081	418.2851	389.6384	4877596	50.92708	433.9846
#####	421.2569	423.2381	417.8145	419.9443	391.184	3946988	51.21194	433.0135
#####	417.1459	424.2783	416.1553	418.5327	389.869	4338974	55.67548	430.0704
#####	418.0374	427.6711	413.7035	425.9871	396.8129	6825747	55.67548	430.0572
#####	428.315	430.6182	415.2142	417.8641	389.2462	5904119	53.69219	428.3592
#####	413.5797	417.7898	411.4994	413.233	384.9323	3702764	45.62398	427.9146
#####	414.3722	415.5609	402.1381	408.6266	380.6414	8293306	49.43482	427.621
#####	410.806	411.0041	402.8563	407.4874	379.5802	9312667	45.9681	428.2189
#####	408.6266	412.49	398.5967	402.4848	374.9202	7688640	49.05499	428.4134
#####	400.355	406.6454	398.3986	401.4942	373.9975	5481226	49.91554	428.3216
#####	406.4473	407.8094	397.3584	400.8256	373.3747	6488072	51.42492	428.0569
#####	397.4823	398.7205	386.3379	387.9972	361.4248	8983383	66.57672	430.7165
#####	388.8144	389.285	378.6111	382.8212	356.6033	12236024	73.75238	433.0992
#####	386.8332	391.6872	383.267	385.7188	359.3025	3842729	74.46154	433.0853
#####	386.437	394.5104	385.4959	393.2227	366.2924	5127612	78.77459	431.0499
#####	395.1543	395.7487	381.8802	384.6291	358.2873	4301892	73.1516	429.5497
#####	382.6231	385.3225	378.5121	380.1714	354.1349	5499074	75.89433	427.5776
#####	380.8896	387.5266	380.2456	386.3874	359.9253	5994776	75.89433	423.8843
#####	385.3968	393.4455	385.3473	390.9938	364.2162	4097473	74.3207	417.8688
#####	392.3311	394.0647	381.9297	384.8272	358.4719	6037288	70.04543	413.353
#####	386.3874	388.2943	382.1773	386.0407	359.6024	5625802	67.9626	409.3236
#####	388.3191	388.864	378.4873	381.9297	355.7729	5274265	68.14344	405.8985
#####	379.8989	386.536	378.9083	384.0347	357.7337	5237928	65.70778	402.116
#####	382.8955	396.2192	382.8955	393.0741	366.154	7469100	63.11871	399.7828
#####	394.7581	401.1971	389.0125	398.6958	371.3907	8202977	55.17353	398.895
#####	399.1415	400.9989	380.9886	383.2175	356.9724	14816785	52.87288	396.5758
#####	384.6043	388.9135	382.6974	387.1304	360.6174	6365615	49.74603	396.8676
#####	389.3097	393.6189	385.4959	391.1671	364.3776	5902995	47.37	397.2238
#####	392.0339	399.1168	389.3345	398.0766	370.8139	5702397	46.72035	398.8682

#####	400.0083	409.4191	400.0083	405.9767	378.173	11962780	40.89842	403.3742
#####	402.683	408.6266	391.1424	392.4797	365.6003	9623230	43.22335	404.1333
#####	392.8264	395.6992	390.5232	392.6035	365.7156	9676988	43.22335	403.6763
#####	393.0988	394.5847	384.9263	390.3994	363.6626	8098842	47.6923	403.4522
#####	390.0032	399.7112	388.0219	397.6804	370.4449	12569531	46.34145	404.8373
#####	397.7299	404.1194	393.718	396.4917	369.3375	5961256	43.10798	405.3741
#####	397.3337	408.6019	397.3337	406.9426	379.0728	4318845	40.81823	408.7205
#####	406.8931	414.0255	405.9767	410.1868	382.0947	7628531	36.06512	411.4859
#####	411.1527	412.5396	407.1655	410.9298	382.7868	5472648	35.61308	413.386
#####	410.3107	411.9204	403.6736	405.209	377.4579	3776240	43.12957	414.1959
#####	403.525	406.3978	400.8008	402.6582	379.254	4191217	36.06673	415.7592
#####	402.8563	408.8743	395.6496	397.7299	374.6121	4193755	40.28514	414.5126
#####	396.5164	400.7018	394.0647	395.3277	372.3495	4074156	44.39932	413.5456
#####	397.2346	406.5464	397.2346	405.6548	382.0764	5194387	46.99139	413.5969
#####	404.1689	417.9384	403.9212	416.3781	392.1764	7013660	44.77816	416.464
#####	416.3781	418.3841	407.7846	413.8273	389.7739	5761817	33.4358	419.0497
#####	414.7684	423.4858	410.484	411.6728	387.7446	6109263	35.58942	420.134
#####	411.648	416.0562	408.7752	410.4097	386.5549	4889237	34.73167	420.739
#####	411.1527	413.0844	402.9306	405.531	381.9597	5805340	39.25431	419.1766
#####	402.0143	404.1689	386.3874	388.542	365.9583	5906338	55.03609	420.7746
#####	392.975	393.6189	385.9417	389.5326	366.8913	3680641	55.03609	420.9408
#####	397.6061	412.49	396.7393	410.2611	386.415	8748407	62.5312	421.1493
#####	411.1031	419.4738	409.221	417.7402	393.4593	10030494	49.95727	422.6698
#####	416.3039	420.9102	412.812	419.9691	395.5587	11884723	42.87724	425.0062
#####	418.5327	419.028	411.1031	414.4712	390.3804	8410878	43.6586	426.3018
#####	413.1339	413.9511	397.2841	399.3644	376.1516	7919053	49.20902	426.6675
#####	398.0766	398.8939	388.9383	390.2508	367.5677	6537204	52.307	427.5071
#####	391.5881	396.1449	385.9169	386.437	363.9756	6808364	53.90473	427.7512
#####	386.5855	398.3738	386.5855	397.2346	374.1457	5883588	59.2823	426.7422
#####	396.244	398.1757	390.3499	392.2816	369.4804	7897828	60.16355	425.1021
#####	393.3712	397.2346	386.8332	388.121	365.5617	4347652	60.90346	423.8202
#####	390.7957	394.0151	387.3285	390.969	368.2442	5243274	60.44083	422.2982
#####	388.0715	392.0339	384.01	389.1116	366.4947	6111256	57.70393	421.0271
#####	387.8486	395.0057	387.4276	391.6872	368.9207	5895460	49.68207	421.1845
#####	387.8238	392.7273	386.6103	391.1919	368.4541	4488674	48.56991	421.0552
#####	394.3618	406.0758	394.3123	403.5002	380.0471	8111143	49.09484	420.2633
#####	403.9212	410.063	401.7419	408.899	385.132	5117870	54.0613	419.4549
#####	407.9827	414.8179	404.8871	407.8341	384.129	7226327	56.02409	416.7949
#####	407.1407	412.7129	403.6241	411.9452	388.0011	7998505	54.45478	414.5998
#####	405.11	405.11	393.7675	395.2534	372.2796	8040439	52.56331	411.9182
#####	396.1945	401.3704	388.121	392.7026	369.877	9454388	48.33502	412.0952
#####	391.291	394.3371	385.5949	392.6035	369.7837	7527814	45.58978	412.3576
#####	396.0954	406.1006	393.7675	398.1262	374.9853	8875739	45.58978	411.586
#####	400.9246	403.4012	396.7888	398.0271	374.892	7689189	45.19469	412.0083
#####	404.4165	414.5455	403.3764	411.1031	387.208	11884309	41.09528	415.0208
#####	430.6677	432.4013	419.028	427.2501	402.4164	22213692	33.27324	422.2808
#####	426.9529	439.8308	423.8077	438.6917	413.193	9459617	26.20518	432.4246

#####	437.4038	441.713	430.2962	431.8317	406.7318	8205323	28.30188	437.3617
#####	426.21	427.6216	420.291	421.4303	396.9349	5914795	35.70592	439.2136
#####	422.5447	431.2125	419.6967	426.7795	401.9732	6107263	35.70592	440.5854
#####	429.1075	438.2211	429.1075	436.0417	410.6971	5887182	38.22055	444.7228
#####	430.9153	432.6241	425.046	429.4047	404.4458	6577799	40.0366	447.1683
#####	430.4696	436.7599	429.4542	433.2928	408.108	5963620	40.0366	449.7575
#####	433.0204	435.7941	415.5609	423.9811	399.3375	10262583	35.72834	451.9316
#####	428.4388	432.5499	425.5908	430.9401	405.892	5246331	34.05706	453.1423
#####	433.0204	443.7933	430.7172	440.7967	415.1757	6632664	31.73667	454.7829
#####	438.8402	445.725	438.8402	444.2143	418.3946	5959455	29.01208	455.1783
#####	439.3355	447.9786	437.3791	446.0717	420.144	5987819	29.49197	455.8052
#####	447.2604	454.6405	447.2604	453.1793	426.8386	10675519	29.01342	455.1645
#####	454.69	455.6558	450.3313	454.3185	427.9115	5678091	30.60945	456.1061
#####	455.2101	459.5935	452.2382	457.5132	430.9206	6598806	35.52318	459.5935
#####	453.2041	453.2041	445.2544	450.257	424.0861	7826454	39.24233	461.7702
#####	451.7429	458.1571	449.3655	450.5047	424.3194	5736883	30.84266	464.2563
#####	449.7369	454.1452	443.3723	450.4056	424.2261	6363428	30.83225	464.213
#####	448.7216	451.8172	434.6054	441.1929	415.5489	7306140	40.92892	463.0177
#####	441.9111	447.6071	438.5678	440.8958	415.269	4414433	41.00077	463.541
#####	439.3603	445.1058	437.1314	438.6917	413.193	4223349	42.96962	462.69
#####	439.3603	441.8121	422.9409	424.6498	399.9672	5257883	49.50018	464.4893
#####	425.2936	435.7198	417.344	431.9307	406.825	7289738	49.50018	462.8402
#####	433.4662	437.28	418.4584	421.0092	396.5384	5109421	56.355	463.8004
#####	425.9623	431.8812	421.0092	424.6498	399.9672	5917313	64.49039	464.355
#####	425.9623	432.3517	423.8573	426.73	401.9265	5796036	64.28054	464.1641
#####	425.1946	428.0426	411.1775	416.5763	392.3631	5729756	68.69702	464.2139
#####	418.5327	436.7847	411.5985	432.1288	407.0116	8673806	75.50036	461.6494
#####	429.6028	432.1288	424.5507	428.7608	403.8393	5245967	64.26991	458.229
#####	430.42	432.327	416.2791	418.8547	394.5091	4028370	67.64052	454.3233
#####	417.5421	425.9375	413.5797	422.4456	397.8913	5324325	67.64052	450.9072
#####	423.9811	429.9247	419.7462	428.4388	403.5361	5196608	65.15436	446.6694
#####	428.4388	429.4294	404.7385	409.4687	385.6685	12609054	64.68699	443.5004
#####	407.636	413.0844	399.9836	406.2739	382.6595	7453286	65.60965	442.1654
#####	401.7419	411.4994	398.7453	408.8	385.0388	5269817	64.91228	439.4915
#####	412.5891	413.4311	386.437	388.121	365.5617	7250788	65.49695	441.8413
#####	387.5514	400.5284	383.4651	399.2654	376.0583	10288567	65.49695	441.3367
#####	403.0297	408.478	400.4541	405.9024	382.3096	6614304	59.81225	439.6281
#####	407.3884	411.8214	400.4046	407.4379	383.7559	4576248	56.43189	438.5706
#####	403.1783	408.5771	396.244	397.8537	374.7288	6043286	60.72562	437.3105
#####	393.817	405.4319	378.3635	402.0886	378.7175	11912762	58.30769	435.7225
#####	404.1689	422.6933	402.4353	418.6566	394.3224	14231655	56.19572	434.8963
#####	417.9384	425.9623	410.2611	422.9162	398.3344	9896292	54.40985	432.8136
#####	422.5942	440.8214	422.5942	439.2117	413.6828	9715700	48.13552	436.8559
#####	439.9299	441.6635	410.2611	411.5985	387.6746	7996351	52.37401	435.7964
#####	412.9605	428.2159	412.5891	420.6873	396.2352	6148837	53.63426	435.0498
#####	427.4482	430.7915	421.5541	427.2253	402.3932	6578286	45.79387	436.1018
#####	430.9153	432.6489	416.7992	429.9247	404.9357	6944793	42.33695	439.4786

#####	432.3517	442.5798	429.058	440.9948	415.3623	8534870	41.51714	445.0768
#####	440.3261	442.2578	432.9709	439.707	414.1494	6858283	29.93643	451.0191
#####	439.8308	446.2698	431.485	433.59	408.3878	8297432	33.1188	450.5384
#####	429.9247	437.701	429.4542	432.4013	407.2682	4534678	36.71564	450.8566
#####	438.8155	439.6823	422.9905	426.8291	402.0199	5561268	41.53814	450.9321
#####	424.1544	427.9435	422.2971	425.046	400.3405	5044239	38.10658	451.4565
#####	426.21	433.3919	424.3773	431.8812	406.7784	6324507	38.10658	449.2682
#####	439.8556	443.7685	436.1408	441.1186	415.4789	8738734	37.25905	447.2553
#####	438.8402	446.2698	431.163	436.8095	411.4203	8474287	42.03088	447.5737
#####	431.9307	436.3637	428.4388	433.0699	407.8979	4095813	45.52206	446.6292
#####	431.906	438.122	429.9991	433.1938	408.0147	5700881	34.54546	447.6505
#####	432.1041	433.3423	417.1459	420.5387	396.0951	8063566	44.56488	445.0649
#####	419.35	421.0836	413.7035	415.1894	391.0568	9172301	53.50158	445.6635
#####	417.0468	423.2381	414.5703	416.0067	391.8265	5540985	58.36202	446.4851
#####	412.1185	418.2851	405.7043	407.3388	383.6626	7348375	64.33962	447.7968
#####	409.2705	411.0536	405.0109	406.8683	383.2193	4203648	74.55556	447.1503
#####	407.8341	420.4644	407.8341	419.4986	395.1155	4203488	71.99348	445.2094
#####	416.3286	425.8137	415.0656	423.1886	398.591	4573394	58.93654	444.0802
#####	419.8205	422.198	414.075	418.0622	393.7626	5199129	55.8109	443.2408
#####	420.8607	423.3372	415.66	418.508	394.1825	5593060	54.74108	442.8516
#####	416.0314	429.7514	414.8179	426.4081	401.6234	5517055	54.41176	442.508
#####	425.467	427.3492	420.0434	425.9623	401.2035	4324826	53.91417	440.9498
#####	428.4388	429.9247	423.1391	427.6216	402.7664	4510285	58.73901	437.9251
#####	428.4388	433.3919	427.5473	431.0639	406.0086	5610446	54.54168	436.6476
#####	444.4372	445.1058	427.9435	429.8257	404.8423	10633750	52.5086	435.8529
#####	430.9153	439.8308	428.2655	436.0417	410.6971	8128633	41.05013	437.599
#####	436.6609	449.7369	436.6609	448.573	422.5	10234853	30.23475	444.8893
#####	448.573	453.4517	443.8676	452.3125	426.0221	6988768	24.43096	451.4394
#####	449.4398	451.1981	444.5363	447.8548	421.8235	4728607	18.34363	455.9989
#####	448.3501	450.3313	439.6575	444.1648	418.348	4128159	22.25495	457.3691
#####	441.8368	451.2229	436.5371	438.0973	412.6332	5407439	28.6921	455.5535
#####	437.8991	442.2083	435.5464	439.3355	413.7994	4589959	34.66718	455.799
#####	439.8308	448.1767	439.7566	441.1929	415.5489	7095266	29.95798	456.9455
#####	440.3757	447.731	437.8001	444.1895	418.3713	6668965	28.94498	457.1182
#####	444.0409	447.2109	443.1494	444.8582	419.0011	4437219	27.66048	456.1057
#####	445.7745	454.69	443.7933	453.0555	426.7219	9128343	31.02933	458.1861
#####	450.7771	458.9249	447.4338	449.8608	423.7129	5487655	30.47347	458.536
#####	447.4338	456.5226	447.4338	450.5789	424.3894	5056001	31.32277	458.4799
#####	450.7275	455.6311	443.2732	445.0811	419.2111	4439539	37.51011	457.9517
#####	445.2792	448.6473	436.9085	438.7907	413.2863	4519284	43.34558	456.0031
#####	438.8402	439.8308	431.485	433.8624	408.6445	4040793	51.64916	455.4902
#####	432.8966	436.9085	426.0614	427.894	403.0229	4107915	67.37414	456.3775
#####	428.4388	431.7079	421.1083	422.2971	397.7513	5616361	72.45434	457.2807
#####	420.9597	426.6557	417.0963	418.2355	393.9258	3872692	72.63298	458.6728
#####	421.6284	427.9435	421.2074	421.8265	397.3081	3706479	69.39076	459.1722
#####	425.0212	434.754	424.0554	433.2681	408.0847	5571764	64.84413	458.8658
#####	433.3919	438.2954	433.3919	435.0511	409.764	3892698	54.66666	458.4423

#####	433.3176	437.3543	424.4764	427.2006	402.3698	6041338	59.61212	457.6903
#####	425.9128	425.9623	417.765	419.8205	395.4187	5291418	65.78947	456.9439
#####	421.5045	424.204	415.6104	417.9136	393.6226	3453001	67.18257	455.2041
#####	419.6967	424.4021	418.0622	421.8513	397.3314	4651182	73.83593	451.1781
#####	421.2569	424.3773	414.8427	416.6753	392.4564	6445301	71.79574	447.2859
#####	418.2851	420.7616	413.7035	415.0408	390.9168	5271168	70.99343	442.4696
#####	417.5916	424.1792	417.5916	419.9939	395.582	5790300	68.19735	438.1808
#####	421.4798	424.2287	420.3158	422.5942	398.0312	4561538	60.62218	435.2677
#####	422.4952	427.4235	422.1485	423.6344	399.0109	3332837	54.27999	433.6869
#####	423.4858	428.6865	421.3312	426.9034	402.0899	4238703	48.83421	433.9078
#####	426.4081	429.6771	422.5942	424.0059	399.3608	4043235	45.14783	434.3313
#####	431.906	434.3825	429.9495	431.4106	406.3352	5784625	45.14783	435.4671
#####	430.9897	433.2185	426.5567	429.2809	404.3292	3369441	44.30139	435.4372
#####	436.9085	439.8308	433.9862	435.3483	410.044	5863282	53.69437	435.9175
#####	435.1255	440.1776	435.1255	438.1716	412.7032	4023615	41.91644	437.496
#####	437.1067	438.3202	432.1536	437.1562	411.7468	2297148	31.50103	440.1259
#####	434.8778	435.8684	429.9247	431.0144	405.9619	2625949	37.17886	441.0044
#####	429.4294	429.9743	424.7983	428.2902	403.3961	4119399	40.35895	440.8115
#####	425.9623	427.0768	417.6412	418.5575	394.2291	4636282	48.27114	441.3529
#####	420.3654	422.4456	414.4465	415.66	391.5	4656266	49.44419	441.5941
#####	415.66	427.8692	415.66	425.9375	401.1802	5542546	49.44419	440.6661
#####	428.1416	428.1416	417.8888	423.0152	398.4278	6207421	47.63749	440.3306
#####	431.906	444.7839	427.0024	443.3723	417.6016	9464725	49.65686	443.7356
#####	445.2792	450.2322	440.8214	443.9171	418.1147	7472593	37.7648	446.4721
#####	444.0409	448.251	443.3475	444.8087	418.9544	3372075	36.73267	449.4113
#####	443.0503	445.7745	436.9085	439.608	414.056	6747066	40.3846	449.9866
#####	440.128	442.7531	434.3329	435.2988	409.9973	3574114	46.03589	450.4669
#####	436.3637	440.7472	433.8129	439.3851	413.8461	4760614	46.03589	450.9634
#####	439.8308	444.9077	439.3851	443.397	417.6249	2633322	47.26968	452.0227
#####	444.5115	444.9077	439.6327	440.2271	414.6392	2699496	48.01282	452.3982
#####	439.6823	443.7933	430.9649	433.3919	408.2012	2779905	48.47522	452.4913
#####	431.7079	432.5746	423.4858	428.0674	403.1862	5922841	50.13832	452.6475
#####	427.0024	427.5721	421.0092	423.461	398.8477	6145266	46.74985	453.5056
#####	423.2877	425.9375	416.081	417.0963	392.8529	7989240	49.08978	453.916
#####	418.2355	424.6498	418.2355	420.5387	396.0951	5873245	49.08978	452.4937
#####	421.2321	422.8914	418.5575	421.356	396.8649	3834687	51.79081	453.0002
#####	420.192	434.0358	420.0186	425.046	400.3405	6848648	51.18584	451.4301
#####	430.0486	437.3543	429.9247	436.0665	410.7205	5565035	67.19332	450.1654
#####	435.1255	438.122	432.1288	436.6114	411.2336	5572863	56.15534	448.7318
#####	438.1964	443.298	436.3637	438.5678	413.0763	5842783	52.57339	447.7095
#####	440.1776	442.456	436.8838	438.9145	413.4029	8324700	47.07447	447.8839
#####	440.4005	444.239	435.9922	438.2211	412.7498	7136269	47.43255	448.0302
#####	439.286	440.3261	428.9837	430.7915	405.752	7649848	57.13111	446.6585
#####	432.2279	432.6985	426.9529	427.473	402.6264	4525635	61.30873	444.5057
#####	427.6959	433.5652	425.046	432.1288	407.0116	3930929	55.97201	443.5045
#####	426.2595	431.5592	426.2595	428.8351	403.9093	6353622	49.26435	443.4351
#####	426.9529	433.2185	426.5071	429.7514	404.7723	5482165	44.35187	443.8618

#####	423.9811	426.3586	416.2296	417.6164	393.3427	5697602	49.52076	444.875
#####	419.5233	423.9811	417.3935	418.4584	394.1358	5341304	49.52076	444.4393
#####	420.9102	422.2475	413.5797	414.3722	390.2871	5710675	55.5309	445.2153
#####	411.7966	413.0101	407.2398	408.6266	384.8755	6508090	60.48981	446.7332
#####	409.6172	412.812	409.1962	411.6728	387.7446	5094198	64.40682	446.7102
#####	409.221	411.0041	405.8777	406.5959	382.9627	3797110	77.24363	446.3932
#####	403.4259	409.4439	402.7573	406.9178	383.266	5705177	78.02964	445.012
#####	406.1996	406.8931	399.6616	404.788	381.2599	5214233	81.25578	442.7546
#####	406.1501	408.1808	400.2807	404.0946	380.6068	4996430	81.7805	439.6399
#####	407.1902	408.0323	401.4942	403.4012	379.9537	3903851	79.16673	436.2752
#####	403.7974	408.9238	401.7667	407.1159	383.4526	4774310	77.58236	433.7774
#####	407.636	408.6266	397.6061	398.8444	375.6617	5819129	75.73469	431.6581
#####	400.2065	407.0912	399.9093	405.11	381.5632	4536031	81.4546	427.4306
#####	405.6053	405.6053	398.7453	399.9093	376.6648	3995344	74.45565	423.325
#####	402.1381	408.1313	400.2065	407.1655	383.4992	4254449	69.21013	418.0505
#####	404.9861	407.1407	399.7359	402.3362	378.9507	4180498	63.13329	415.8042
#####	399.7607	405.0852	399.7607	402.7573	379.3473	2649597	61.30235	412.8724
#####	402.683	406.1501	401.1971	402.3115	378.9274	2829058	56.52841	411.0112
#####	401.8409	403.0297	397.7794	398.9434	375.7551	3711149	59.35854	410.362
#####	399.7607	404.1689	399.0177	401.94	378.5775	2887269	58.77345	408.7604
#####	400.2312	403.6488	398.8691	402.361	378.974	3138488	54.99472	408.1962
#####	403.3269	404.1689	399.9836	401.4695	378.1344	3248652	53.64924	407.6239
#####	401.6924	404.5899	400.3303	401.5438	378.2043	6280112	52.93139	407.3643
#####	401.5438	403.8469	392.8264	396.2192	373.1892	8745362	57.25727	407.7256
#####	396.2935	399.6121	394.8324	397.928	374.7988	5369772	57.25727	407.3792
#####	397.7299	403.5002	397.5318	402.6582	379.254	4152138	51.16868	406.9608
#####	403.946	405.1595	398.7948	399.7112	376.4782	5458460	49.07553	406.4798
#####	400.8751	408.3294	400.8503	407.3636	383.6859	4694648	50.27972	407.5224
#####	408.6266	432.8966	408.6266	430.6182	405.5888	15505096	41.34561	418.9157
#####	428.4884	447.5824	427.6463	438.5678	413.0763	15169257	23.92691	429.3338
#####	438.3449	439.7318	431.9555	433.2681	408.0847	5898052	27.08252	435.1229
#####	432.8966	437.3048	429.7514	431.584	406.4985	4352584	28.57141	439.5055
#####	433.3919	443.1742	433.2433	435.6455	410.3239	7947870	24.86649	444.4967
#####	432.8966	440.7967	430.4448	438.9145	413.4029	7633460	23.40271	448.9773
#####	440.5738	450.1332	440.5738	444.0162	418.208	8784579	23.31067	454.2015
#####	445.7745	450.678	443.4218	447.2604	421.2638	7557704	20.88134	459.3868
#####	446.567	449.4893	444.8582	448.7463	422.6632	13712058	19.9935	463.7781
#####	449.2416	452.3868	436.9333	438.7412	413.2397	10176519	24.19596	465.588
#####	0	0	0	0	0	0	88.01502	616.0801
#####	441.4406	450.1084	441.3663	448.4492	422.3833	13298333	88.30457	620.7068
#####	435.3731	437.1067	432.1536	435.5217	410.2073	14444748	48.16002	623.8662
#####	436.4875	447.2357	436.438	441.4158	415.7588	6373779	48.16002	627.008
#####	443.2237	448.2015	441.8616	446.146	420.2141	25570753	48.2472	628.94
#####	445.7745	455.6558	445.7745	453.7737	427.3984	8615115	49.18518	630.8907
#####	453.8232	465.4876	452.3125	461.0051	434.2095	8653996	48.91759	633.8703
#####	463.6055	468.0632	460.2869	466.8745	439.7377	7218138	48.45602	637.8146
#####	468.0632	476.4834	464.6456	474.6013	447.0154	12359049	48.15934	642.4299

#####	473.9078	476.9539	465.7848	471.8523	444.4262	12253233	48.1241	646.2291
#####	471.5304	472.1495	466.3544	467.6917	440.5074	5775152	48.51041	648.9752
#####	467.5679	472.9915	462.7882	467.6422	440.4608	5955770	48.77062	651.315
#####	470.5398	478.8113	469.1281	476.5577	448.8581	6202071	48.93584	654.54
#####	477.8207	482.3775	476.5825	479.9753	452.0771	4914743	48.02023	658.8137
#####	476.632	480.9659	470.8369	472.3972	444.9394	5395681	5.208284	693.5559
#####	470.5398	472.521	463.9027	470.094	442.7701	4275577	5.620498	489.9861
#####	468.8062	474.9975	464.6456	466.2306	439.1312	5713958	28.70881	491.182
#####	468.0632	476.3843	467.4689	475.047	447.4352	3620835	28.70881	489.3514
#####	480.4211	480.4211	473.5611	475.2947	447.6685	5453637	27.59077	487.3163
#####	475.4928	489.7328	473.5611	479.3314	451.4706	8921634	29.34365	485.3003
#####	479.9506	486.3895	477.5978	479.0342	451.1907	7055638	31.22239	483.8204
#####	479.0342	479.0342	479.0342	479.0342	451.1907	0	34.9835	483.3456
#####	479.4552	479.9506	468.5585	469.673	442.3735	6115867	47.79726	482.5675
#####	470.4407	473.5116	466.2554	468.0632	440.8573	7665779	53.46625	482.691
#####	468.5833	471.4065	464.5961	465.7353	438.6647	3874982	51.85185	483.2533
#####	467.5184	475.4928	460.1879	463.5064	436.5654	6641527	53.75957	483.7086
#####	465.5867	469.252	458.6524	459.6926	432.9732	4186059	56.75789	484.0665
#####	458.1571	474.7498	458.1571	468.9796	441.7204	7014449	66.89826	483.11
#####	469.4996	478.9599	469.3263	477.1521	449.4179	5719003	53.54573	482.9996
#####	475.5423	481.1393	474.0316	475.9138	448.2516	4878777	44.73803	483.6323
#####	477.0283	480.4954	470.9112	475.6414	447.9951	5514545	40.90039	484.447
#####	473.4125	494.8097	473.4125	494.1163	465.3961	8515647	40.90039	489.6897
#####	492.779	519.575	492.3827	509.5203	479.9047	14236238	34.46328	500.1159
#####	515.1172	529.382	512.393	526.7073	496.0928	12397395	27.63754	514.327
#####	527.0045	528.9857	515.662	517.8414	487.7422	8941880	30.24957	522.0079
#####	517.8414	525.0233	514.7457	521.7543	491.4276	9629064	30.24957	529.6463
#####	539.932	567.248	526.0634	534.5579	508.0691	24290388	21.93757	540.5371
#####	540.3777	557.0943	538.347	554.7664	527.2761	10982753	18.02811	555.3254
#####	558.6545	559.1993	532.7996	534.8551	508.3515	10387940	25.62446	561.7395
#####	534.8551	546.2966	531.8337	534.1369	507.6689	10149114	24.82345	566.4651
#####	537.9012	551.4726	537.2573	545.2318	518.214	8650897	22.72233	571.983
#####	550.5563	560.6852	545.8261	558.4316	530.7598	7645583	21.01377	577.0565
#####	560.9329	564.6477	532.4529	545.6776	518.6376	7417956	26.64756	578.1398
#####	546.3214	548.798	532.5024	538.8671	512.1646	5202662	30.52407	578.0886
#####	539.6843	548.1045	537.2821	539.3376	512.6119	5238860	30.40676	575.7388
#####	541.1207	541.5665	529.1591	531.7347	505.3858	12764704	33.44542	567.7798
#####	537.4059	539.7339	525.0233	527.3513	501.2195	7981124	39.30166	562.0731
#####	532.329	539.0157	527.6484	536.0191	509.4579	4064105	43.62832	558.9022
#####	536.5639	545.8261	533.6168	542.5571	515.6719	5018511	42.58285	560.1993
#####	541.195	545.7271	533.072	533.6912	507.2453	4073385	44.25493	558.445
#####	534.1865	542.3094	527.1284	539.8329	513.0826	9218198	45.54692	556.5037
#####	548.5007	561.1805	546.8663	555.9304	528.3824	13530870	47.92922	558.1616
#####	559.6946	561.032	550.8287	556.0541	528.5001	6229234	39.8035	559.9451
#####	559.9175	559.9175	545.0584	553.8996	526.4523	7273514	40.58073	562.0233
#####	554.7416	554.7416	541.1207	545.8757	518.8261	6998372	44.80261	561.5693
#####	544.1173	551.5221	536.9601	541.938	515.0834	5430629	51.557	560.3755

#####	544.9841	548.3026	531.3137	535.8705	509.3165	6759544	55.70936	558.04
#####	536.9106	536.9106	523.6117	527.7227	501.5726	6632388	56.38841	558.4471
#####	524.0822	541.517	524.0822	539.9072	513.1533	7303217	56.38841	558.4708
#####	538.8918	545.6528	525.3453	528.3666	502.1846	8866659	51.63696	559.2329
#####	531.9576	532.4281	510.9566	516.1573	490.5803	10672777	55.05594	561.5476
#####	518.0395	519.7731	512.2692	513.3836	487.944	5932619	56.15454	562.7803
#####	513.6313	517.5442	507.1923	514.1018	488.6266	6815568	60.79871	563.4318
#####	517.5938	526.4102	517.5938	524.949	498.9363	5487301	60.8684	563.1486
#####	523.8593	524.7014	519.1539	520.5656	494.7701	4875652	56.22944	562.7128
#####	507.6876	508.6287	498.6235	501.1991	476.3633	11297828	66.29073	562.9725
#####	500.2581	506.9447	498.8712	501.2982	476.4575	4257566	76.70372	559.6277
#####	501.5211	505.2111	495.305	502.9327	478.011	9532994	76.22219	554.6168
#####	503.8242	505.4835	498.7474	499.2675	474.5274	4454984	73.88321	549.4893
#####	503.7252	508.8516	501.2487	504.3443	479.3526	5673443	72.78494	544.6914
#####	505.2111	507.6876	497.0386	498.5245	473.8212	5342041	68.96376	540.5322
#####	497.7815	513.5322	496.9395	511.13	485.8021	5979707	66.16395	537.0051
#####	511.6501	513.6313	505.7064	508.7773	483.566	6469809	58.99786	533.6613
#####	508.1829	512.393	490.352	492.8532	468.4309	8069217	68.21644	527.8706
#####	496.2956	500.2085	491.5902	495.7755	471.2084	6877804	63.66538	524.6142
#####	495.4288	505.9541	485.919	493.9182	469.4431	8583943	61.15206	523.6219
#####	492.9276	496.2956	477.3007	478.7123	454.9907	8207239	66.91635	524.847
#####	479.7524	482.8728	474.7498	476.3596	452.7546	6352439	68.12556	524.2214
#####	477.1768	485.3989	477.0035	481.5355	457.674	7081771	74.86763	519.5361
#####	482.4271	491.8379	482.4271	490.2034	465.9124	6441463	63.16312	515.5555
#####	489.3613	494.4135	485.5475	486.6372	462.5229	4350507	58.37605	514.7734
#####	485.3989	487.1572	480.0992	483.7892	459.8161	4307039	59.76249	513.7891
#####	495.305	499.2675	492.8532	494.1411	469.655	7839621	59.1723	512.8307
#####	497.2862	512.0958	495.8499	510.6347	485.3313	13148102	52.70588	514.9381
#####	512.6655	515.0181	505.7312	511.7739	486.4141	6332423	43.96445	517.1172
#####	510.1642	516.7022	507.1923	515.6373	490.086	4464503	43.47083	519.7338
#####	516.0583	516.7517	498.7969	506.1274	481.0473	6245287	51.32657	518.834
#####	505.7064	506.9694	496.0975	498.0787	473.3975	4325597	47.16016	518.1852
#####	497.2862	500.7534	491.8379	498.3511	473.6564	8591607	47.16016	518.4315
#####	499.2427	505.1616	496.2956	498.4997	473.7977	8179077	47.46674	518.8281
#####	492.8285	494.8097	482.9224	483.5663	459.6042	7303788	47.22221	519.8467
#####	485.8942	490.2034	483.4424	487.8754	463.6998	6771197	45.76172	519.5153
#####	487.925	489.287	480.9412	487.3058	463.1585	5645965	43.91185	518.1827
#####	487.8259	494.6116	485.1512	489.4356	465.1827	7549386	46.59457	517.088
#####	489.8567	493.6705	487.0582	490.0052	465.7241	5004570	48.1248	517.3441
#####	485.176	487.1325	481.9813	485.6465	461.5814	4208164	48.78915	517.6043
#####	487.9497	488.9899	484.1111	485.6465	461.5814	3090570	48.78915	516.7225
#####	488.3707	488.8413	483.591	487.5782	463.4174	4410213	56.40166	515.5089
#####	487.0334	493.621	485.3989	490.4262	466.1242	6513493	72.26207	512.52
#####	492.8285	497.7815	491.2188	496.7661	472.15	5566646	69.9537	508.8942
#####	495.8499	502.9575	494.0667	501.7687	476.9047	3527479	60.07462	504.7369
#####	502.7346	506.697	498.3264	499.9113	475.1393	6719136	47.97592	503.445
#####	500.7534	504.4434	493.0018	494.4878	469.9845	6009686	53.54175	502.8115

#####	495.305	497.2862	490.4015	492.878	468.4545	7591312	55.25939	501.8915
#####	495.3545	498.7721	492.9771	494.463	469.961	3955798	37.39948	502.1495
#####	495.305	499.5151	492.0608	493.2247	468.784	3440589	37.85804	501.7322
#####	493.3238	493.7943	486.8848	492.0112	467.6307	4406496	43.48421	501.8336
#####	493.9182	496.1966	488.7917	492.1846	467.7954	3872728	43.48421	501.6738
#####	492.6304	497.2862	492.6304	494.6611	470.1493	7344327	45.97536	501.9204
#####	497.4596	505.7064	493.1257	502.2888	477.399	7475127	35.78123	504.1344
#####	504.4681	510.9319	500.5552	507.0933	481.9653	7640946	28.84127	506.7845
#####	507.7619	513.1112	505.756	510.7833	485.4725	10117133	25.70144	509.7823
#####	509.6689	512.0958	504.27	508.1334	482.9539	4313530	28.82654	511.2522
#####	509.025	511.873	505.5083	508.0096	482.8363	4189889	30.81079	512.2613
#####	512.0958	514.7952	509.1736	513.978	488.509	6408750	35.75907	514.9852
#####	511.2043	515.7611	509.2726	511.6501	486.2963	4230425	35.65379	516.8611
#####	509.2478	509.7184	501.5458	503.1556	478.2228	4365342	40.14643	517.5008
#####	505.3597	510.1642	499.2675	504.9139	479.894	4900715	37.87262	518.019
#####	504.4681	507.1923	500.9763	503.0318	478.1051	4038069	38.96664	517.8475
#####	499.8123	501.2487	495.8003	496.6671	472.0558	4032771	46.52676	517.8033
#####	495.9984	497.3605	483.6653	485.1017	461.0636	6111640	55.76685	519.2024
#####	487.8259	490.6244	484.8788	489.6833	465.4181	5024473	55.76685	519.4512
#####	487.8754	500.2581	487.2315	497.732	473.068	4194621	51.94454	519.0075
#####	498.2768	503.1308	490.8473	493.0514	468.6193	7923869	51.07937	518.5756
#####	491.8379	493.3238	489.2127	491.1197	466.7833	3645951	58.10859	518.3759
#####	491.194	493.0514	477.0035	478.3904	454.6848	8165964	68.6875	519.2865
#####	479.7029	482.4766	473.2144	477.9941	454.3081	7104327	71.26878	518.8666
#####	478.5142	479.3562	456.9932	460.5594	437.7373	15271979	76.9101	521.3397
#####	460.1383	466.404	454.3433	462.2434	439.3379	7340145	76.9101	520.8161
#####	464.076	466.924	460.4355	462.1939	439.2909	5760040	80.30347	517.9296
#####	459.643	469.772	458.1819	468.4099	445.1989	8141851	78.01489	514.0997
#####	467.3698	468.3604	458.6524	459.2468	436.4898	3994855	74.81108	511.7041
#####	459.2716	463.0606	457.3894	458.7267	435.9955	5724531	75.95011	508.009
#####	456.2502	466.3297	456.2502	463.9522	440.9621	4535520	74.01254	503.6234
#####	464.6952	474.1307	464.6952	472.8429	449.4123	5152493	64.55349	500.6336
#####	469.0538	479.9506	463.655	475.8148	452.2368	7137398	57.51593	499.0772
#####	476.3843	477.8455	469.5739	474.4527	450.9422	6406478	59.36642	496.0631
#####	484.9036	484.9036	474.7994	476.1119	452.5193	8804453	63.56084	491.1918
#####	476.1119	476.1119	476.1119	476.1119	452.5193	0	60.98622	486.9962
#####	471.357	473.9574	459.643	461.129	438.2787	8776426	62.23236	482.5367
#####	463.6055	465.9087	458.2562	464.5466	441.527	7067071	62.01904	480.6997
#####	464.8438	465.8839	451.4953	463.1349	440.1853	9777936	47.76247	479.8601
#####	462.7387	464.1008	459.1973	460.3117	437.502	8132453	50.20508	479.754
#####	463.1597	470.936	462.1939	468.3852	445.1753	6176721	51.60474	480.0025
#####	477.4492	477.4492	464.0017	466.2554	443.1511	4648513	47.05036	479.5943
#####	466.1315	466.5773	458.702	462.6396	439.7145	10163828	47.02819	480.0314
#####	463.9027	472.2238	462.6892	471.3322	447.9764	8084022	46.54113	480.4018
#####	469.5491	486.1666	469.1034	485.0274	460.993	15111868	40.34154	483.6879
#####	486.3152	497.1376	486.3152	495.5774	471.0201	6500725	35.70708	490.1148
#####	497.2862	499.7628	490.4262	496.469	471.8675	5711591	34.92115	495.3646

#####	496.2956	499.5151	489.5595	490.9959	466.6656	7259393	39.31541	498.2433
#####	490.5748	493.0018	484.433	485.6465	461.5814	5368940	43.23759	499.5976
#####	486.7858	490.2529	479.0838	480.1239	456.3324	4837691	47.68439	500.0165
#####	481.6346	489.2623	478.5885	484.2597	460.2632	4661194	36.74386	502.0784
#####	486.3647	486.8848	479.802	482.4518	458.545	4285525	36.25917	502.2921
#####	482.4271	485.2998	477.1768	480.0744	456.2853	3249666	38.72775	502.5704
#####	479.9506	484.2845	477.9941	480.0248	456.2382	3887681	36.37919	502.5513
#####	478.4646	489.1385	478.4646	487.9745	463.7939	4718535	36.37919	501.7941
#####	488.0983	494.1658	487.9745	489.6833	465.4181	6188980	34.51078	502.637
#####	489.6833	491.3426	483.6653	484.4826	460.4751	3737834	35.12148	502.0698
#####	484.4083	487.2315	480.5945	485.7704	461.6991	5234340	35.12148	498.7245
#####	485.498	495.8003	485.498	494.1658	469.6785	5417950	39.06192	497.6121
#####	495.4041	497.3605	486.2409	488.0488	463.8646	5734696	47.73906	497.0431
#####	487.925	492.779	482.0804	491.8379	467.4659	6740759	56.69013	496.054
#####	491.3178	491.8379	486.6867	488.8908	464.6649	6071160	51.85833	494.5678
#####	490.352	491.8379	486.9096	489.6833	465.4181	5667200	46.83726	494.6882
#####	490.2034	503.8986	486.9839	491.1444	466.8068	9636658	39.73404	495.8167
#####	489.8567	491.3178	474.7746	476.2853	452.684	8021875	53.05239	496.1603
#####	476.4834	481.065	474.5022	476.8054	453.1783	4362578	55.41541	496.8327
#####	474.7746	482.4271	474.7746	479.6286	455.8617	4518016	52.96763	497.1237
#####	479.5048	482.8976	473.363	474.7746	451.2481	4972796	54.18642	497.7287
#####	475.9881	478.9599	473.0658	474.1802	450.6833	4637273	54.61659	497.7333
#####	475.4928	476.9044	466.7011	467.8651	444.681	4725197	66.30522	498.546
#####	466.082	470.8865	461.129	465.5124	442.445	4891321	66.60883	499.2082
#####	461.3518	466.0573	460.6337	461.8967	439.0084	6111529	68.59706	500.0732
#####	460.1383	460.1383	447.4338	448.8206	426.5803	10439430	75.47816	502.0214
#####	449.2416	451.2229	435.5464	437.0324	415.3762	8249240	86.55076	504.0617
#####	434.853	436.7599	431.906	435.274	413.705	5837033	86.88129	504.5779
#####	434.2834	437.4781	425.8137	428.2407	407.0201	9639014	92.20957	504.095
#####	428.5627	433.3423	428.1664	430.6677	409.3269	9589943	92.20957	501.6879
#####	436.6361	438.2459	428.2655	435.9179	414.317	6908975	90.15838	497.014
#####	438.3945	449.9351	437.1067	446.0469	423.9441	9263934	82.34123	491.3801
#####	446.7651	449.1426	441.3168	448.2015	425.9919	3832822	70.84325	487.8352
#####	446.9385	447.83	441.713	442.6788	420.7428	4884148	71.4108	483.3966
#####	442.6788	444.3629	435.8684	437.9239	416.2236	10374401	73.99998	477.8645
#####	439.1374	442.134	435.9179	440.2519	418.4362	2256799	73.79712	472.3928
#####	440.0785	445.304	439.3108	444.2886	422.2728	3198960	69.1252	466.4866
#####	444.3381	444.982	434.432	435.9427	414.3405	5366049	67.98193	461.1522
#####	435.8684	442.7531	435.3979	441.3911	419.5189	3906592	66.50913	455.5473
#####	438.9888	441.8121	437.6763	439.7813	417.9889	1367720	56.22654	450.3715
#####	439.8804	443.8181	437.9982	438.6173	416.8826	3383424	48.72104	449.3538
#####	438.3449	441.2672	432.9461	433.8129	412.3163	4662967	51.12381	449.5171
#####	430.9153	432.4013	412.0938	414.1245	393.6035	8596809	59.088	454.0451
#####	414.6198	425.368	414.5703	423.1391	402.1713	9562421	59.088	454.4319
#####	426.0118	427.3987	416.1305	417.0716	396.4045	9171029	57.52674	455.5582
#####	420.2168	426.9529	418.5327	426.1109	404.9959	6180769	61.07715	454.7389
#####	426.21	426.4576	416.8487	421.1578	400.2883	4661200	63.99332	453.0877

#####	422.4952	423.461	416.3039	417.6164	396.9224	4591328	64.77802	451.1796
#####	417.5421	419.5233	411.6975	413.5549	393.062	5251887	64.48763	450.3727
#####	416.0562	431.4602	416.0562	428.0674	406.8554	7811847	64.48763	449.0446
#####	425.9623	433.3919	422.0246	430.7668	409.421	8831705	56.32716	447.2332
#####	431.0144	438.8402	425.3432	435.695	414.1051	6156390	52.98827	445.8007
#####	436.6114	448.5234	435.2988	447.2852	425.121	6166247	50.13528	448.2936
#####	448.251	451.421	441.8368	449.1178	426.8628	7884400	46.09435	450.5404
#####	448.3253	449.3407	435.6208	437.7258	416.0352	10947527	50.41227	450.2349
#####	440.8214	444.6848	434.3825	439.286	417.5181	8344145	48.10643	450.7068
#####	442.2578	444.14	436.1161	440.3509	418.5303	8279250	35.23256	453.1948
#####	438.8898	450.6285	438.8898	449.1673	426.9099	8906082	34.79759	455.4916
#####	449.2912	462.8625	449.1921	460.3365	437.5255	16668291	29.93808	462.073
#####	460.6337	461.2528	450.2322	453.3279	430.8642	10036145	31.53379	463.9336
#####	453.7242	455.6311	448.5977	449.7617	427.4747	8908197	33.70023	466.0976
#####	452.3125	466.0077	452.3125	464.398	441.3858	7888109	30.91176	470.7567
#####	465.1409	467.4689	458.6029	460.0393	437.243	6494638	26.55507	472.546
#####	463.6055	465.5372	454.4919	457.5132	434.8422	5706742	28.38	469.8449
#####	457.7114	460.6337	447.2604	450.678	428.3456	4174655	37.97102	468.8364
#####	446.3689	454.69	441.8121	444.14	422.1316	4079516	43.16456	467.2019
#####	444.7839	448.0034	426.6062	436.859	415.2114	6299938	49.41903	466.2175
#####	438.8402	448.1272	437.3543	446.1212	424.0146	4513933	55.88483	466.0514
#####	449.7369	452.684	439.4594	450.3065	427.9926	4019490	45.03951	466.9579
#####	452.7088	456.0768	450.257	454.4424	431.9234	3412182	42.9169	466.9976
#####	455.0367	457.7609	445.7745	447.1613	425.0032	5661079	46.00904	466.452
#####	445.7745	449.7369	443.0008	446.5918	424.4619	4538867	46.82139	465.3688
#####	449.2169	449.5388	439.608	446.7899	424.6502	4407617	51.44123	464.5532
#####	443.4218	443.7933	431.5592	432.4508	411.0216	8637984	62.17856	465.0065
#####	430.8906	434.2587	419.5729	421.7274	400.8297	6509207	65.09333	467.949
#####	423.1143	424.3773	414.5703	416.7744	396.122	9205176	66.86076	469.4173
#####	420.4149	424.2287	416.5763	417.6164	396.9224	7049002	77.44265	467.5717
#####	419.0776	421.0092	414.3722	417.0468	396.381	9903671	76.03567	465.5082
#####	419.7957	426.4576	418.3346	423.7582	402.7598	8611300	73.72464	462.7019
#####	0	0	0	0	0	0	94.87987	623.0814
#####	430.42	433.6395	423.7582	428.0674	406.8554	6728442	94.8034	621.8683
#####	430.42	448.9692	429.6276	446.1707	424.0617	9523937	50.48011	622.275
#####	448.7463	450.5542	435.8932	439.7566	417.9654	6680693	50.34187	621.2356
#####	442.0597	445.1554	434.9521	438.3202	416.6002	4945756	50.64575	619.5157
#####	438.3945	441.6882	428.0178	430.742	409.3975	6491176	50.88824	617.2301
#####	430.3953	433.7881	423.6839	425.5413	404.4545	7030516	51.13309	614.8328
#####	426.4328	430.7172	422.198	423.9563	402.9481	5369953	51.21633	612.251
#####	424.9717	429.6276	423.783	427.8445	406.6436	5437566	50.4637	611.042
#####	430.42	430.7172	419.5233	421.0588	400.1941	5970034	50.0365	610.5991
#####	421.7522	422.9657	416.2048	417.0963	396.428	6387153	49.9824	610.5007
#####	421.2817	425.9128	416.5515	424.4021	403.3718	8800839	49.9824	611.1956
#####	424.4764	432.0298	423.3372	430.2467	408.9268	4278050	49.6006	612.5281
#####	433.6643	434.2339	423.04	424.0554	403.0422	6430821	49.62434	612.73
#####	424.9222	426.5319	420.3158	423.04	402.0771	4802236	7.979924	642.9263

#####	424.2287	427.9435	415.1151	417.022	396.3574	6115649	9.067043	443.7211
#####	417.0963	423.1391	417.0963	419.9939	399.182	4263534	56.79051	442.3207
#####	420.5139	420.7616	416.5515	418.4832	397.7461	4737268	67.35355	437.8463
#####	416.601	420.6378	408.1808	410.7564	390.4023	9516748	70.39209	435.4171
#####	413.0349	413.5797	396.9622	402.0391	382.1169	10765370	70.88289	434.8586
#####	404.4661	405.0109	394.4857	401.5685	381.6696	7998063	68.73065	435.1379
#####	405.1595	412.5396	405.1595	409.1219	388.8488	9338631	67.93651	434.4105
#####	408.5771	415.5609	402.7325	414.0998	393.5799	6732605	60.60177	433.2223
#####	414.075	415.0656	406.8435	408.4533	388.2133	5692183	59.01522	431.8772
#####	409.1467	414.1245	409.1467	412.5148	392.0735	9818618	56.55275	431.4116
#####	412.8367	430.6677	412.5396	428.8846	407.6322	11454982	53.27202	433.0657
#####	428.6865	445.2792	425.368	443.3475	421.3784	12588063	47.16567	438.383
#####	443.2732	450.1332	440.3757	447.9291	425.7329	11686661	38.1647	444.2359
#####	449.1426	458.0333	445.1554	456.9189	434.2773	9311840	35.37118	452.8965
#####	456.1759	465.3886	449.3407	457.4885	434.8187	10259724	27.34176	460.6227
#####	457.9095	464.5961	455.1853	459.8164	437.0312	9311821	27.166	467.496
#####	463.1349	467.7165	456.9684	459.0735	436.325	11056926	26.72534	473.3744
#####	464.2494	464.3237	435.1255	438.6669	416.9297	17365390	36.02778	475.2702
#####	440.8958	443.5456	432.1288	434.1101	412.5988	8171780	33.24708	476.3526
#####	436.8095	439.2117	429.4294	435.7446	414.1522	6812343	32.91732	475.7704
#####	437.7753	440.5243	430.4448	434.4073	412.8812	6155401	33.2829	473.632
#####	434.3825	438.0725	430.2467	435.3236	413.7521	5865595	36.05573	472.1443
#####	435.8932	439.5832	431.6335	433.5405	412.0573	5096308	34.83987	471.5285
#####	433.2433	436.859	425.2441	428.5379	407.3026	6778219	38.55489	468.6424
#####	426.9529	431.1878	419.7215	421.0092	400.147	7563040	45.34347	465.9236
#####	421.0092	428.8846	419.9939	427.1263	405.961	16061186	55.26143	465.0153
#####	429.0332	442.7531	426.21	441.292	419.4247	6958726	62.19738	464.507
#####	442.6541	446.666	438.3945	441.8864	419.9897	8236274	54.36198	463.1411
#####	440.8214	444.1648	431.906	435.9922	414.3875	10355229	64.2208	459.9626
#####	433.3919	435.1007	425.9623	431.2868	409.9154	7723447	66.85787	455.851
#####	431.4106	442.6788	426.5071	440.6729	423.7022	7893697	68.61315	450.7324
#####	442.2331	445.5021	437.5524	443.7685	426.6787	6559762	48.42351	446.4821
#####	443.2484	443.2484	428.5131	430.2715	413.7014	7684065	52.53683	446.2347
#####	432.5746	440.1528	424.5754	438.3945	421.5115	7707709	52.53683	446.5937
#####	438.8402	438.9393	431.0639	434.9769	418.2256	5690160	49.66186	446.6213
#####	436.8095	439.3108	430.9649	432.8718	416.2015	3845085	50.88928	446.4759
#####	433.3423	442.8027	432.005	441.5892	424.5832	4544638	50.39977	447.5636
#####	441.4406	448.1272	439.1374	443.5704	426.4881	6697763	42.52908	449.3281
#####	445.9726	451.2229	444.6353	450.158	432.822	4019151	36.20951	452.6852
#####	451.3467	453.4022	442.8522	444.1648	427.0596	4965518	37.73288	451.5093
#####	444.2886	448.5482	444.2886	447.6814	430.4409	3853084	40.34793	451.1174
#####	445.7745	449.7369	441.9854	443.0503	425.9881	3053900	48.93105	451.2917
#####	443.298	443.7933	437.2057	438.1468	421.2734	4388978	48.6644	451.4352
#####	438.8402	441.2672	435.9675	438.4935	421.6068	3728104	45.48418	451.7959
#####	438.7659	442.9265	431.906	433.7881	417.0826	12247683	48.45614	450.8507
#####	435.8189	439.0631	432.4508	434.3825	417.6541	13511569	54.80635	450.5427
#####	435.8684	448.2015	434.8778	446.8889	429.6789	9043078	46.30455	452.1356

#####	448.6225	455.0862	441.5396	445.1058	427.9645	9312587	39.39073	451.6498
#####	445.2792	450.9504	440.0785	443.9666	426.8691	7174605	42.44696	452.3075
#####	447.8548	453.7984	442.0845	452.0649	434.6555	7352336	40.33649	454.3836
#####	450.678	454.1699	447.9786	449.6131	432.2982	6030112	37.6822	454.2601
#####	449.1426	450.7275	437.4038	438.5678	421.6782	5005867	52.1494	454.1528
#####	437.6267	441.1434	434.5558	437.701	420.8448	4224271	54.24276	453.6144
#####	438.8402	450.678	438.3449	448.6473	431.3696	6234576	55.71117	453.6973
#####	448.7463	450.4799	432.7232	434.4568	417.7255	6773174	55.93939	453.4794
#####	435.3731	442.1588	435.0016	440.7472	423.7737	9942471	55.83978	452.9497
#####	443.2484	448.251	440.8214	446.6413	429.4408	5934228	48.26562	453.8086
#####	445.2792	448.251	442.4064	447.731	430.4885	6428372	44.74733	454.6156
#####	448.2758	466.7507	442.8027	461.228	443.4658	12106356	40.93398	459.5618
#####	461.8967	486.3895	461.8719	484.8788	466.2058	22782770	34.82192	472.6406
#####	486.6372	498.4749	486.6372	493.6457	474.635	21095589	27.74504	484.1067
#####	493.7943	499.6142	488.6184	491.194	472.2777	8950414	29.12273	492.8296
#####	491.6645	496.6423	490.8473	492.8285	473.8493	7387458	28.38359	500.4625
#####	492.8285	498.4997	488.6927	490.7977	471.8968	8585283	29.26081	505.6136
#####	488.866	499.7628	487.8754	497.5587	478.3973	12541312	29.88146	512.3601
#####	495.2555	502.2888	493.0266	495.6517	476.5638	9676173	21.4516	518.2965
#####	489.3118	492.2589	481.4365	490.7729	471.8729	9307965	24.48204	520.9806
#####	490.3024	496.7166	489.3613	495.3545	476.278	10699811	24.48204	522.4716
#####	495.8003	500.4809	495.8003	498.1035	478.9211	6841396	13.50552	526.3278
#####	499.7628	505.0873	498.8217	500.6791	481.3976	7352247	13.07474	525.6891
#####	500.1342	502.1402	496.8157	498.8712	479.6592	6383048	15.51577	523.7241
#####	493.3733	504.6663	492.9276	503.007	483.6358	5647711	16.68252	521.7089
#####	500.7534	503.5271	495.305	496.9147	477.7782	5212640	21.90157	514.0371
#####	493.2495	499.6142	491.1692	493.621	474.6113	7010484	29.05192	504.4756
#####	493.3238	495.8003	486.9591	489.0641	470.2299	7497465	46.40581	503.0584
#####	490.8968	497.2862	490.4758	496.1966	477.0877	7435026	52.26555	503.3834
#####	496.1966	501.4963	492.9028	498.7721	479.564	4550503	45.37969	503.6372
#####	499.7132	501.001	492.9276	494.2153	475.1827	4588659	47.03354	503.7625
#####	495.1812	502.4374	495.0821	500.8277	481.5404	6245436	47.03354	503.8159
#####	501.2487	509.0745	500.8277	507.0437	487.5171	6855254	45.34104	506.3031
#####	507.8115	510.7338	504.2205	506.0531	486.5647	4705056	36.79931	508.3493
#####	509.0745	510.1394	504.171	507.5638	488.0172	2929764	36.79931	509.5086
#####	509.1736	509.3964	496.6671	499.1684	479.945	3656619	46.98274	509.3873
#####	497.7815	522.0267	497.5834	520.2684	500.2324	7988304	49.11921	515.2095
#####	521.8038	528.9114	515.7115	517.7423	497.8037	8603702	38.16034	518.8501
#####	519.0797	519.8969	505.756	507.7124	488.16	6045493	45.07313	519.3329
#####	507.6381	510.1146	496.1718	497.9549	478.7783	9284709	49.4173	519.5583
#####	499.416	503.5766	495.3545	500.3819	481.1118	6176196	47.47911	519.8398
#####	500.0104	501.5954	491.3921	493.3238	474.3255	6825961	47.65666	520.1863
#####	495.3545	499.2675	491.4912	495.3793	476.3018	5400115	47.65666	519.051
#####	495.305	499.2179	490.352	496.2213	477.1114	7676708	50.4762	518.866
#####	495.8003	502.165	495.0078	496.5185	477.3972	4563212	48.73871	519.2249
#####	496.989	498.1035	485.3989	489.3613	470.5157	5541169	52.79044	519.2561
#####	489.4852	495.7012	487.4297	489.2375	470.3966	6620219	57.20002	519.2189

#####	490.8473	491.3426	484.1606	484.8788	466.2058	4018758	63.63638	519.2469
#####	484.9036	492.3332	483.9873	487.5535	468.7774	3973000	63.63638	518.4868
#####	487.6278	489.7576	477.7217	479.901	461.4197	4286823	62.3414	518.5988
#####	480.9412	482.2537	474.5022	478.4646	460.0386	4043875	63.02184	517.4508
#####	477.2759	478.4646	465.8591	467.0231	449.0377	4453623	87.67483	513.9719
#####	469.0538	472.4962	460.3365	462.2929	444.4897	4310570	86.62148	510.8797
#####	465.7105	481.4365	462.7635	478.9352	460.491	5879215	84.12331	507.5508
#####	478.4646	478.4646	468.5833	470.8865	452.7523	5010702	67.58935	505.8274
#####	473.5116	473.5116	466.6764	467.6175	449.6091	3059898	68.17229	503.8332
#####	467.5679	475.9881	465.3143	472.8181	454.6096	4096871	68.17229	501.9107
#####	475.468	475.468	452.585	453.848	436.3699	8772229	72.366	501.3569
#####	450.7275	451.6686	444.2886	449.7122	432.3934	9253312	74.18858	499.9094
#####	435.8684	435.8684	405.1595	410.8803	395.0569	16445872	80.77298	507.3768
#####	416.4772	426.2842	407.7351	420.0929	403.9149	22846211	80.7543	507.9482
#####	419.9196	433.2928	416.0562	422.6933	406.4151	8747967	74.49441	506.1114
#####	429.3304	436.4875	424.5012	430.4944	413.9157	12459363	73.05787	502.3432
#####	433.3919	437.3543	428.9837	432.1041	415.4634	4970452	68.6693	497.4169
#####	432.327	432.327	422.8914	423.9315	407.6056	9557173	69.38381	493.328
#####	422.9409	422.9409	413.6292	415.9819	399.9622	9989485	68.60445	489.7354
#####	421.0092	424.5259	417.344	420.7864	404.5816	9069565	67.48318	486.7282
#####	423.0152	426.3338	418.2355	422.9162	406.6294	5381078	65.1209	482.3339
#####	420.8607	420.8607	408.6761	414.0255	398.081	7476274	73.00602	474.6882
#####	415.1894	418.0374	409.964	412.6881	396.7952	4723281	72.57737	467.5052
#####	414.075	422.4704	408.6761	420.3158	404.1291	5953563	72.57737	458.825
#####	426.4576	435.2245	421.2569	432.9213	416.2492	8002727	65.95193	447.809
#####	426.4576	431.163	423.7334	429.4294	412.8918	5110836	58.66301	441.3004
#####	431.906	433.9367	424.0801	426.4328	410.0106	4907973	40.42684	436.7595
#####	426.8291	428.7856	421.9503	427.8692	411.3917	3675418	40.42684	436.064
#####	426.9529	430.9153	423.783	429.4294	412.8918	5311765	44.70666	436.7334
#####	431.9555	434.5558	428.5379	432.1784	415.5348	6195548	45.34884	437.444
#####	435.1007	445.5269	434.4568	443.4961	426.4167	15811655	48.75001	441.0786
#####	435.8684	439.9299	433.912	434.9273	418.1779	5875902	42.9028	442.2285
#####	435.8684	438.2954	418.2851	419.9691	403.7958	7266556	47.63998	442.7543
#####	417.5421	424.3773	416.0562	421.1826	404.9626	7024609	47.63998	442.1709
#####	420.0186	420.0186	413.4558	414.7437	398.7716	13419022	53.46002	442.3722
#####	415.9572	416.502	410.4593	413.2082	397.2953	5364769	50.52498	443.3836
#####	411.1031	421.1331	409.1714	416.4277	400.3907	7316374	49.6601	443.2969
#####	421.5045	428.3398	415.3132	427.1015	410.6535	7980264	47.65456	442.4973
#####	432.8718	432.8718	425.2689	428.2902	411.7964	3998154	45.90066	441.9087
#####	427.3492	440.8214	426.8786	439.8308	422.8926	7391110	50.83943	443.7344
#####	443.6199	446.0222	438.7164	444.8087	427.6787	5690429	41.23176	447.2384
#####	443.1494	454.7148	441.3168	452.6097	435.1793	5314258	38.70968	452.5624
#####	453.1545	453.1545	438.9641	440.3757	423.4165	4962576	43.74536	453.9201
#####	442.8274	448.4739	436.6114	439.5089	422.583	4304812	44.92393	454.8516
#####	439.8308	446.567	439.8308	441.6882	424.6785	2867019	46.20319	455.2911
#####	438.3697	443.9419	437.3048	442.6046	425.5595	2844021	45.71161	455.7294
#####	443.6942	448.251	442.7779	447.2357	430.0123	3693193	32.5306	458.8524

#####	449.5883	451.2229	445.824	447.6071	430.3694	4175871	30.36034	460.8061
#####	448.0034	453.105	447.6071	453.105	435.6556	7036458	23.55523	464.0768
#####	466.082	478.217	466.082	477.2264	458.848	15462946	19.82017	472.9784
#####	477.9693	478.8113	472.0257	473.8583	455.6097	8349406	17.59725	477.4719
#####	473.2639	482.8233	472.0257	473.0163	454.8	6647651	18.97912	479.7584
#####	477.4492	481.9565	466.1563	473.3382	455.1096	5608802	21.49449	483.0125
#####	476.4339	476.9787	466.2306	466.9983	449.0138	5048242	27.49785	483.0407
#####	464.9923	469.673	464.2989	465.3638	447.4423	5354228	33.22486	483.8867
#####	464.0513	468.0137	460.5841	464.076	446.2041	5518950	36.69632	484.2943
#####	463.6055	468.0632	463.0854	466.082	448.1328	6128894	27.37591	486.3522
#####	466.6268	473.4621	465.6362	469.4005	451.3235	6168572	25.17355	487.247
#####	470.0444	476.2357	468.1623	475.3937	457.0859	3332972	23.70372	488.1912
#####	477.1025	480.6687	476.1119	479.059	460.6101	5248878	22.21317	489.3815
#####	479.4552	482.9224	468.6576	471.1837	453.038	4630314	29.95136	487.8519
#####	470.0444	471.0351	462.1196	463.9027	446.0374	4969178	38.72696	486.1118
#####	465.3143	472.8925	464.5466	471.7285	453.5619	3861457	38.92254	483.4524
#####	462.3672	477.9693	457.3894	476.1119	457.7765	7860126	37.72846	480.2022
#####	474.0069	475.2451	453.848	457.0427	439.4417	5300897	61.70287	480.7166
#####	453.2289	464.8685	452.9564	462.1443	444.3468	6314390	61.24869	480.3169
#####	458.6524	466.5773	458.0333	462.7635	444.9421	7082429	57.14284	479.7386
#####	464.6209	465.0419	458.7515	459.5192	441.8228	3963426	55.10135	479.6391
#####	459.4449	461.2776	450.7028	451.7182	434.3221	5191514	58.58524	480.9549
#####	455.1358	464.9428	454.3185	462.9864	445.1564	5622547	57.90307	480.969
#####	462.6149	471.9266	458.4295	468.9796	450.9188	5216916	50.60908	481.19
#####	470.5398	474.4527	468.6576	472.3972	454.2048	4845525	48.4495	481.6886
#####	472.0257	481.2383	471.0598	479.3066	460.8482	6833048	48.39819	483.1719
#####	480.9412	491.3178	479.5791	489.6833	470.8252	10986386	47.92869	487.0463
#####	489.8567	491.5902	482.4766	484.9284	466.2534	5026593	42.99065	489.0764
#####	484.6559	487.5782	476.632	479.0095	460.5624	13807708	42.18751	490.7515
#####	477.474	484.8045	476.1119	478.4151	459.991	5990904	42.54074	491.4493
#####	478.5885	485.2503	477.7217	484.3835	465.7296	3495228	46.26246	493.16
#####	482.8728	489.8319	482.4766	484.0121	465.3724	5243282	31.35911	495.879
#####	481.5851	483.5168	476.1862	478.1922	459.7767	6204259	36.4702	495.7891
#####	478.1922	481.9318	470.4159	471.5551	453.3952	6684321	44.09573	495.6312
#####	469.9949	472.3228	463.655	466.0325	448.0852	3476092	45.99696	495.6951
#####	463.7045	467.2955	452.1392	453.6498	436.1794	4233993	48.87609	497.1088
#####	456.9189	472.4219	455.6806	470.7131	452.5856	8580298	48.87609	494.3781
#####	471.4065	474.9975	467.0231	472.0009	453.8238	8378766	45.78834	493.5613
#####	469.351	477.2264	468.5585	473.0658	454.8476	4875238	48.26409	493.3169
#####	474.0069	484.3835	472.3476	483.3682	464.7533	7254239	49.60516	493.892
#####	483.3682	489.1385	482.1794	484.7303	466.0629	5582919	47.69403	493.9687
#####	485.4237	502.7346	484.4083	500.1095	480.8499	8938805	50.13333	497.6013
#####	497.1872	499.7628	490.352	491.293	472.373	7391445	43.36543	499.3129
#####	489.3118	494.8097	487.5535	491.3921	472.4682	5691109	42.99946	501.26
#####	491.7388	496.5928	487.3801	489.0146	470.1823	5343834	44.3891	502.1525
#####	491.2435	498.7226	490.352	497.1872	478.0401	5962332	47.16134	504.6477
#####	497.2367	498.8712	493.4724	495.5774	476.4923	5492714	40.55945	506.9967

#####	495.6022	502.1154	495.305	500.4562	481.1832	5946856	35.94203	510.7217
#####	500.4562	504.5672	498.8464	502.9327	483.5644	6882748	29.70211	514.4181
#####	502.7346	503.2299	496.2956	497.5339	478.3735	3761966	22.6712	516.329
#####	496.989	505.0625	494.8592	502.5365	483.1834	8530230	22.6712	513.0194
#####	500.159	504.6663	499.3665	502.9079	483.5406	2499742	26.67878	513.3965
#####	497.7815	502.1402	488.7174	492.9771	473.9921	13923887	36.42193	511.5699
#####	495.4536	500.2581	493.8191	497.8558	478.683	6897687	36.93107	508.4393
#####	499.0693	514.3247	495.5031	511.2538	491.565	12349673	39.76199	510.9588
#####	505.7312	509.1736	499.2922	501.8678	482.5405	9109980	40.70393	509.3929
#####	505.2111	511.6005	503.5766	508.0591	488.4934	9836038	42.22222	511.5864
#####	503.2051	525.4196	500.7534	520.8627	500.8039	13391084	38.69782	517.2158
#####	522.5468	527.6979	515.662	517.8166	497.8751	10786810	33.55022	520.522
#####	521.6057	539.7586	518.6834	533.3692	512.8287	33136776	33.55022	527.5039
#####	526.9302	535.4247	521.5809	525.8406	505.59	12840397	34.99508	531.3891
#####	529.8525	539.6348	527.797	531.6108	511.1381	13276112	34.99508	535.5851
#####	532.4529	536.8859	499.317	503.6509	484.2549	12578025	48.76838	535.366
#####	509.6689	519.9712	502.2888	516.9003	496.9941	9917315	47.48933	536.6558
#####	512.5911	512.5911	490.352	497.5587	478.3973	20820207	49.99198	536.2967
#####	503.9976	508.0591	483.7644	487.4792	468.706	14661212	54.7205	537.5978
#####	492.3579	500.7534	492.3579	497.3605	478.2067	10929538	51.84263	538.4345
#####	500.2581	504.592	495.305	497.2614	478.1115	6045446	48.65412	537.7789
#####	499.317	500.2581	493.7943	494.9831	475.9209	7961346	50.91743	536.9943
#####	495.8003	506.1027	493.8686	503.6757	484.2787	10648939	52.57312	537.2712
#####	504.691	515.1172	504.2205	512.8388	493.089	8850257	49.36555	537.3744
#####	515.0925	516.0087	507.9601	510.3127	490.6602	4577528	49.2385	536.6023
#####	510.3127	511.551	490.5996	495.8746	476.7781	6816943	57.48563	535.254
#####	489.3613	492.3332	482.9224	486.0923	467.3726	7241614	60.14573	533.4984
#####	489.3613	495.8003	478.316	481.9565	463.3961	8401043	65.96973	528.8871
#####	484.9531	486.3895	476.1862	480.8916	462.3721	9690760	66.23145	524.3955
#####	480.9907	487.7764	474.4774	476.0129	457.6812	5574046	62.60731	519.0082
#####	471.9761	479.8515	470.5398	474.2545	455.9907	9047009	63.19768	517.9758
#####	471.3818	481.9318	469.8711	476.8054	458.4432	7791663	64.79096	514.7657
#####	476.9044	478.4399	453.4517	457.9342	440.2988	7898492	66.39188	517.7004
#####	462.5653	462.5653	439.8804	449.0187	431.7267	13530925	69.41737	520.4978
#####	454.69	471.2084	454.69	468.93	450.8712	8899342	77.08566	518.9609
#####	471.0846	474.5022	459.1477	460.9061	443.1562	6010968	64.8532	517.6479
#####	463.1597	474.2298	453.8975	471.8275	453.6571	7126582	64.8532	515.0088
#####	476.9539	479.802	463.6055	465.6362	447.7042	6660867	65.4465	510.0797
#####	465.5867	471.9019	464.2741	467.7413	449.7282	4723683	70.04444	501.8406
#####	467.6175	479.6038	467.6175	476.632	458.2765	5893738	64.1929	493.6866
#####	477.0283	479.059	466.9488	470.3664	452.2522	8763783	57.52547	488.8774
#####	468.0137	474.7746	466.5773	471.8523	453.6809	7008431	55.77493	486.3804
#####	472.62	473.784	466.0077	467.6175	449.6091	11457637	56.32075	484.2297
#####	472.0257	474.8737	467.7165	470.7131	452.5856	3853247	54.19243	482.6055
#####	471.1837	492.6304	463.1102	478.7866	460.3481	14321426	51.74518	483.369
#####	477.8207	487.9002	477.796	486.0428	467.3249	7593145	47.93127	486.1866
#####	491.7883	498.153	488.9899	496.048	476.9448	9278900	35.26359	493.2267

#####	500.2581	504.2205	494.0667	501.6697	482.35	7328829	25.62261	500.7883
#####	502.2393	502.7346	497.0386	498.4749	479.2783	4147803	26.51143	502.1157
#####	499.0198	510.6099	499.0198	508.6783	489.0887	6102409	25.71248	509.7247
#####	505.2111	517.0489	504.5177	515.9592	496.0892	5471034	22.71572	516.2709
#####	516.1326	518.0395	499.7628	501.1248	481.8262	9555978	30.82688	519.3574
#####	502.6851	509.9413	500.5552	502.4869	483.1357	7069736	30.82688	521.1359
#####	504.7653	508.381	501.7192	505.0873	485.636	5482662	31.07635	522.4012
#####	507.1923	509.0992	502.7841	505.4588	485.9932	4840112	28.09376	524.9034
#####	505.7064	508.0839	498.0044	506.0779	486.5884	5106094	27.96268	525.7919
#####	508.6783	513.5818	501.2487	503.2299	488.874	7768425	26.98464	526.023
#####	504.3443	510.2384	503.0813	508.7773	494.2632	6475294	26.98464	524.5578
#####	509.1488	515.8602	506.5732	513.7799	499.1231	5864774	26.15575	522.4406
#####	513.6313	521.1847	512.9626	519.0054	504.1995	7076381	27.20232	521.9612
#####	518.5348	518.5348	506.3998	509.7679	495.2255	7756138	35.87021	519.4973
#####	510.1642	511.0062	503.0565	505.4092	490.9912	8339413	44.02279	518.4986
#####	507.0933	516.1078	505.3102	513.2598	498.6179	7324579	45.0107	519.5767
#####	516.4545	520.937	516.4545	518.6091	503.8145	6670193	40.44187	520.3337
#####	515.6125	523.0421	511.5015	517.6928	502.9243	14229585	43.85965	521.2403
#####	514.6714	518.2376	507.6876	512.3683	497.7517	5713883	40.06999	521.6723
#####	515.1172	516.2068	507.8362	512.6655	498.0404	3983929	40.06999	521.584
#####	510.8328	516.3059	506.3008	508.6535	494.1429	4734755	44.8233	521.0669
#####	511.2043	513.4827	506.4989	512.0215	497.4149	3226244	46.86957	521.0952
#####	512.5911	519.0797	506.2513	513.7551	499.099	4056197	44.52708	521.221
#####	513.0864	522.2744	510.7585	513.3093	498.666	6189521	41.40992	521.4607
#####	513.6313	517.8414	511.6501	515.2658	500.5666	4757307	41.40992	520.5985
#####	515.2658	523.7603	514.1514	518.7825	503.9829	5152580	44.10973	521.1319
#####	521.3333	529.9268	521.3333	528.0199	512.9568	7401784	45.33275	524.6582
#####	527.8961	528.3914	522.7449	527.376	512.3313	8798824	32.03647	527.5733
#####	529.5801	529.5801	513.0369	513.7799	499.1231	10008978	42.8146	527.8575
#####	515.8106	521.0609	512.6407	515.6868	500.9756	5252190	42.8146	526.7494
#####	514.6219	518.832	509.8174	514.5971	499.917	5401895	48.74772	526.3877
#####	517.3213	517.3213	501.3972	503.6757	489.3071	28224196	62.07338	526.9985
#####	502.9327	507.1428	499.0198	503.7004	489.3311	12197088	58.24332	527.5683
#####	504.171	508.1582	503.2299	504.9139	490.51	6692966	58.21599	527.7982
#####	502.2393	504.8149	490.8225	493.6705	479.5873	28589468	62.30174	529.9595
#####	492.0608	494.5868	484.8293	486.7362	472.8509	10835868	66.15552	532.403
#####	484.9036	491.5407	484.4083	488.8413	474.8959	4901531	69.61197	533.2861
#####	489.3613	492.8037	481.808	483.3186	469.5308	8109395	71.44881	534.2793
#####	482.4518	487.2315	481.9318	484.4578	470.6375	6251608	71.44881	534.1458
#####	485.3989	487.1077	480.8916	483.0462	469.2661	9998709	72.84865	533.1048
#####	481.9318	483.8139	478.9599	479.9258	466.2348	6806351	77.71109	530.5719
#####	482.9224	488.3707	481.8327	486.9344	473.0434	7082682	89.39148	524.7651
#####	486.9344	487.7268	484.4083	486.6619	472.7787	3345090	75.14932	518.6294
#####	481.3374	485.7704	480.4459	483.1205	469.3383	5694872	76.68106	514.8867
#####	483.4177	492.4322	482.9471	491.7388	477.7108	5900836	78.8995	509.9254
#####	489.8319	490.6244	482.9224	484.4826	470.6615	6760184	66.15259	504.5787
#####	483.913	486.6372	480.9907	483.3929	469.603	4304563	66.7622	501.5043

#####	485.5227	486.9344	478.638	480.0248	466.3309	5610730	68.54151	497.6658
#####	478.4151	481.6841	477.5236	480.7183	467.0046	3797607	63.27713	492.3043
#####	481.2879	481.3869	468.3604	471.1341	457.6939	4215701	64.25341	492.5964
#####	471.5304	472.7686	461.3023	462.7139	449.5139	8558338	69.01964	495.2671
#####	464.2741	465.9334	458.4791	460.6337	447.493	8475783	69.69047	496.7752
#####	459.6678	467.5679	459.6678	465.8096	452.5212	5668703	69.69047	496.7776
#####	470.4655	471.9266	466.1563	471.1341	457.6939	4264311	64.30921	496.072
#####	470.5398	471.7285	467.6175	468.9796	455.6008	6548694	58.47392	495.618
#####	470.0692	483.8635	469.9206	482.7738	469.0014	6184833	58.47392	495.4868
#####	483.6158	486.1419	477.9693	479.802	466.1145	4445929	54.63055	494.3536
#####	479.9506	481.9318	473.7592	474.4279	460.8937	10768049	55.72596	492.9855
#####	474.4774	478.5142	471.4313	472.3228	458.8487	4173254	56.92066	491.2613
#####	472.7686	474.0812	468.1128	473.6354	460.1238	4732138	59.78478	488.07
#####	475.4928	476.9292	473.4373	475.3195	461.7598	3988879	57.82368	486.4447
#####	475.9881	476.9787	471.8028	472.9172	459.4261	4002515	55.63409	484.8742
#####	474.1307	475.9633	471.3322	473.041	459.5464	8747391	55.63409	483.7272
#####	474.5022	474.5022	470.1187	472.5705	459.0893	5600539	48.65493	482.9713
#####	475.4928	483.6406	473.6107	481.0154	467.2933	7219470	39.04185	485.1749
#####	482.4271	487.5782	479.6038	483.7644	469.9638	7530182	30.14957	486.8572
#####	480.3963	487.1077	477.0035	485.9437	472.081	4713976	28.61724	487.4638
#####	485.8694	488.0735	480.0992	483.5415	469.7473	5041354	33.42594	487.7073
#####	485.3989	488.6184	482.3033	487.6773	473.7651	5136069	34.17656	489.8896
#####	485.8942	487.2068	478.9847	483.5663	469.7714	4325272	36.55865	489.2199
#####	483.913	484.7303	480.4954	482.8728	469.0977	4861844	45.9793	489.4492
#####	481.5108	491.6397	479.4552	490.451	476.4597	4965096	37.13211	492.0705
#####	492.3827	492.4075	485.2503	488.9156	474.968	6430108	29.16673	493.769
#####	487.8754	488.3212	483.9625	485.6465	471.7923	5901987	34.54027	494.0645
#####	485.3741	486.3895	480.4459	485.6218	471.7683	4540016	35.66353	494.2158
#####	477.9198	477.9198	462.3177	471.2579	457.8142	11530618	51.59296	494.8931
#####	465.8344	474.7003	465.8344	473.3382	459.8351	4228907	51.59296	494.8339
#####	473.7097	476.2605	473.0163	474.4031	460.8696	3509696	49.2834	494.717
#####	476.4834	479.9258	475.4928	478.9104	465.2483	3472319	48.32275	493.6116
#####	481.4365	484.1606	478.9847	480.0248	466.3309	5887945	52.0762	493.39
#####	481.808	483.8139	480.4459	482.1547	468.4	3050603	53.81121	493.0954
#####	483.17	492.135	483.17	488.7174	474.7756	3601316	51.48776	493.7911
#####	488.4203	496.7414	485.5475	491.8874	477.8551	5242583	45.13275	495.0232
#####	491.5902	495.5526	488.445	489.3118	475.353	5551423	44.33043	495.6234
#####	488.866	489.8567	483.591	484.6064	470.7819	3295393	48.41484	495.7675
#####	490.8473	492.8037	488.1231	491.5902	477.5664	3815035	48.41484	496.523
#####	492.9523	497.7815	490.8473	496.989	482.8112	4507697	47.45523	498.3248
#####	497.8806	503.5766	497.3605	499.6389	485.3855	6883407	39.62861	501.1316
#####	499.317	502.2888	494.4382	497.732	483.533	4964987	39.77416	503.2106
#####	499.7628	505.7064	497.0386	501.3477	487.0456	6457762	20.4859	507.0147
#####	509.1736	514.498	496.1718	498.4007	484.1826	14817306	23.60305	507.6853
#####	498.2768	506.6722	492.9771	504.1214	489.7401	7683649	24.59837	509.3927
#####	505.1863	509.3221	503.5023	506.697	492.2423	5660441	22.47704	510.7884
#####	507.1923	507.6876	497.7815	498.4502	484.2307	3097170	33.79875	510.5689

#####	498.2768	504.1214	497.8311	502.6603	488.3206	3184126	34.43513	510.5898
#####	502.2393	507.0685	498.9455	506.5732	492.1219	3803482	33.26596	510.8672
#####	506.697	512.5416	502.8336	507.2171	492.7475	4853316	34.76974	512.001
#####	506.7218	508.1829	499.738	501.7935	487.4786	5090697	39.41176	512.4871
#####	502.7098	510.4118	501.7687	508.3563	493.8542	7204399	34.15526	513.799
#####	507.1923	507.6381	501.2487	502.6851	488.3448	4444057	36.40089	511.2338
#####	504.2205	505.3597	497.8063	500.0104	485.7464	3681961	43.22708	509.749
#####	499.2675	505.2111	498.4254	501.6449	487.3343	3558227	47.33857	509.3519
#####	502.4374	502.4374	491.0949	492.3084	478.2641	5479056	54.29243	510.6034
#####	494.8097	495.305	487.0829	491.8379	477.807	4701579	54.63035	511.1612
#####	494.3144	504.7158	493.8438	503.3537	488.9943	5588302	55.74838	511.5529
#####	505.1616	512.1454	504.5425	509.7927	495.2496	6256252	46.3899	512.5658
#####	508.6783	512.393	505.7064	510.5109	495.9473	6133687	45.90926	513.5814
#####	510.7833	512.4178	496.2956	497.1129	482.9315	6217306	50.92088	513.6488
#####	496.2708	506.6227	495.1069	502.2888	487.9598	6539201	50.92088	513.4318
#####	503.7252	516.5536	503.7252	513.0369	498.4013	7552641	50.25243	515.0875
#####	513.2598	517.4947	502.9822	507.6381	493.1565	6169134	49.37951	515.2073
#####	507.2419	509.5698	498.8712	501.8925	487.5749	7147050	49.94206	515.0469
#####	503.2299	507.019	503.2299	504.2453	489.8604	3576481	49.94206	514.7526
#####	504.2205	506.2017	498.8217	502.6851	488.3448	3774054	50	514.4213
#####	501.2487	505.0625	498.8712	501.1744	486.8772	3084774	49.23428	514.5304
#####	501.2487	502.7346	497.7815	500.4809	486.2035	3378378	49.69326	514.4215
#####	501.1001	506.1769	500.7534	505.4588	491.0393	4024092	43.78299	515.4266
#####	505.8055	509.6689	499.7628	501.5954	487.2861	6904382	43.41579	514.7155
#####	504.171	510.5604	502.5365	509.124	494.6	4448703	43.41579	513.3548
#####	508.8021	524.8995	508.2325	523.7603	508.8187	7473162	45.88484	518.5318
#####	526.0139	529.2334	521.5562	528.1932	513.1252	8385786	41.08162	523.8842
#####	527.4503	531.9576	518.5844	525.0233	510.0457	10750870	30.56227	528.0387
#####	521.5562	531.3384	508.0343	509.7679	495.2255	19669605	42.73115	527.6201
#####	510.709	511.4272	496.4442	501.9173	487.5989	12979505	50.20702	526.8641
#####	505.1616	507.6876	502.7346	505.1616	490.7506	5312062	53.88757	526.6529
#####	506.2017	508.703	501.7687	504.0472	489.668	5966010	48.5077	526.9431
#####	506.7218	513.1112	505.3102	511.8482	497.2465	5633288	48.5077	527.2269
#####	512.6407	520.0208	510.1642	517.3709	502.6116	7047053	43.97788	528.5482
#####	510.3623	523.0421	509.7431	518.3367	503.5499	15545572	39.88868	529.8081
#####	519.0797	524.528	515.563	517.4699	502.7078	8586131	39.54266	530.5127
#####	518.5844	530.0754	518.5844	527.4998	512.4517	14477715	39.54266	532.5365
#####	528.4904	541.7894	524.5775	532.7253	517.528	18148264	34.28483	536.447
#####	531.2394	538.8918	530.4717	536.1182	520.8241	7696922	32.24072	539.3333
#####	536.9106	537.2821	529.5058	532.0566	516.8785	5321678	36.9061	540.4868
#####	531.9576	537.3564	529.4811	531.0908	515.9401	5050374	45.04017	541.3921
#####	536.4153	542.7552	534.4341	539.3624	523.9758	8658390	45.42396	544.1679
#####	539.3871	549.5161	539.3871	546.2224	530.64	14346160	25.05216	549.9445
#####	546.5195	559.4717	544.9594	548.4017	532.7571	17635483	12.01692	555.3695
#####	553.2557	557.6887	548.1045	550.0362	534.3451	8941345	11.58406	558.4559
#####	548.7484	548.798	538.0498	540.2044	524.7938	11454533	23.26004	558.9187
#####	542.359	550.16	528.6885	531.1899	516.0364	9811623	32.28826	556.3853

#####	528.9857	542.1361	528.1437	536.762	521.4496	5168744	35.94813	555.1548
#####	538.3965	548.7732	533.072	540.2292	524.8179	8364763	35.92231	554.9582
#####	541.3931	548.9465	540.873	543.0276	527.5364	6051915	33.86018	554.7905
#####	546.8167	548.055	537.8022	539.5853	524.1923	4979551	35.59212	552.0479
#####	540.873	557.8373	540.873	550.1848	534.4894	9742744	40.94282	553.1946
#####	551.7698	556.2523	548.055	549.2933	533.6234	7051893	38.64944	554.3548
#####	551.7698	555.7322	541.8636	543.0276	527.5364	5332013	42.35942	554.9149
#####	539.3871	539.4119	521.0609	523.6117	508.6745	10124402	54.14381	556.5229
#####	526.5092	535.92	525.8406	533.7654	518.5385	7045099	54.14381	555.7149
#####	534.9294	535.3256	524.4042	525.3453	510.3585	4535058	56.97043	556.1838
#####	527.9951	536.2915	526.0387	535.4742	520.1985	5110251	61.14194	555.0606
#####	537.1335	542.2104	535.6228	538.5699	523.2059	7879298	56.35964	553.509
#####	541.8389	543.8449	536.9354	538.6689	523.3021	4672920	50.87627	552.1796
#####	543.3496	543.3496	524.2308	527.1036	512.0666	20125461	52.13015	552.79
#####	529.9764	531.9576	525.3453	526.6578	511.6337	4851755	52.35158	552.6856
#####	527.4998	527.6237	522.1505	525.4443	510.4548	3534611	56.15073	552.599
#####	523.0668	524.7509	521.1104	522.0762	507.1826	5051543	59.87606	552.2765
#####	520.6151	522.002	516.8013	519.4263	504.6084	5926800	61.41336	551.7783
#####	520.0703	524.0327	516.9994	522.522	507.6158	3751056	61.41336	550.1799
#####	520.7142	523.0173	518.7825	520.5656	505.7152	4718327	67.54387	546.2967
#####	515.6125	516.5288	505.7064	507.0685	492.6031	3248957	70.17787	544.0553
#####	507.118	512.5168	505.5083	507.1676	492.6994	3374427	61.86922	543.4052
#####	505.3349	508.6287	495.305	498.054	483.8457	5323812	66.19585	545.2256
#####	502.2393	503.5023	494.8345	495.8746	481.7285	4387036	73.5737	546.0814
#####	498.1282	498.1282	494.463	497.0386	482.8593	6198899	73.5737	545.7265
#####	470.5398	499.7628	460.6337	497.5834	483.3886	9986923	85.89265	543.1518
#####	504.5177	509.6441	498.7721	500.4562	486.1794	4506126	90.18934	538.7581
#####	494.2401	503.9728	492.878	496.1718	482.0172	6818812	83.27111	534.2894
#####	493.5714	495.305	485.176	488.0735	474.1501	6685965	85.63581	532.3629
#####	492.8285	493.72	485.7456	488.6432	474.7034	7638174	85.30645	529.478
#####	488.3707	494.3887	482.6252	484.2845	470.4691	5827994	84.68175	526.5628
#####	487.8754	491.6893	486.3895	489.1137	475.1605	8382568	83.89863	523.0592
#####	489.1385	492.1103	486.9839	491.0949	477.0852	6106766	76.74819	519.0155
#####	494.1658	499.1684	491.9865	496.0232	481.8729	8143790	77.49535	513.2462
#####	497.7815	500.5057	495.0821	499.7628	485.5058	6049298	62.26623	507.748
#####	498.054	498.054	486.4886	489.0394	475.0883	8728712	65.15403	505.315
#####	490.352	493.2743	487.5535	492.1846	478.1438	4824964	58.96551	502.7782
#####	491.8379	495.6022	487.4297	488.6927	474.7516	3836345	56.56108	502.2323
#####	489.8567	497.4348	489.3861	494.1658	480.0685	4562055	56.56108	501.9239
#####	495.2802	495.2802	488.6927	490.3767	476.3876	12735595	55.30154	501.1975
#####	495.305	502.7346	492.8285	494.1906	480.0925	5827748	55.78529	500.3862
#####	493.2743	497.7815	491.2435	492.7047	478.649	5760178	52.86885	498.9627
#####	492.8285	495.1564	488.6184	492.2589	478.216	1840098	46.03472	498.8826
#####	493.3238	498.5493	492.6304	497.8806	483.6773	3104218	46.03472	499.9877
#####	497.2862	499.0693	493.4971	494.884	480.7662	2275593	40.61401	500.6423
#####	497.8063	506.1027	497.4596	505.2359	490.8228	4038380	40.61401	502.9005
#####	506.2017	511.0805	505.3597	509.6441	495.1052	3802370	36.99558	506.8709

#####	505.4588	515.9592	505.4588	508.7773	494.2632	4164504	36.45672	509.3851
#####	509.1736	515.6125	508.9507	515.0181	500.326	4783826	39.4337	513.4522
#####	515.0181	527.2274	514.2256	524.7756	509.8051	11140265	25.08308	520.9894
#####	521.259	528.7876	519.4016	521.5314	506.6535	8921708	25.05694	525.0167
#####	521.0609	526.0139	521.0609	523.6117	508.6745	6895825	21.93047	529.3985
#####	522.5468	528.4657	522.2249	526.2863	511.2727	6926943	21.17734	532.7451
#####	522.3982	525.5186	521.6305	523.9832	509.0352	5394088	20.14947	535.752
#####	525.0728	528.639	523.6365	526.6331	511.6095	9399779	20.14947	537.7818
#####	524.0327	526.3359	520.5408	521.7296	506.8459	13334038	25.2114	538.8658
#####	521.0609	529.4563	521.0609	523.686	508.7466	4737311	24.63758	539.3503
#####	522.2249	527.9951	517.4203	518.8073	504.007	7070994	29.55749	537.678
#####	519.0054	528.54	518.5844	527.3513	512.3073	8049872	28.75979	538.1501
#####	528.9362	529.7535	518.6339	519.9217	505.0896	4447617	32.68235	534.3553
#####	520.0703	529.382	519.8226	527.7227	512.668	4048426	38.14467	533.701
#####	527.4008	537.4059	526.5588	536.1182	520.8241	7251073	35.30537	536.0734
#####	536.9106	539.8824	531.1403	537.4554	522.1232	3275674	31.23719	537.0855
#####	539.8082	543.3496	535.4742	539.5853	524.1923	2969384	33.4912	538.979
#####	541.3188	541.3683	527.1531	528.5648	513.4862	4796129	44.83635	539.4756
#####	530.4717	534.8799	529.3572	533.6416	518.4182	4030815	44.83635	540.2755
#####	532.0566	537.4059	531.5118	532.4281	517.2393	3620853	43.90411	540.7243
#####	533.4435	537.9012	530.4717	533.7902	518.5625	2413173	43.7293	541.6703
#####	534.9294	542.0618	534.9294	539.8082	524.4089	5237984	42.86226	543.4582
#####	542.359	542.7057	536.9106	537.926	522.5804	5296152	38.27113	545.0757
#####	538.3965	540.0558	534.8303	536.5639	521.2572	2017673	39.46536	545.4379
#####	537.183	543.5972	537.183	540.0806	524.6735	3338688	36.03429	546.8846
#####	539.8577	541.8389	531.9328	533.072	517.8649	5544068	40.37433	545.0369
#####	527.4998	528.9857	514.3743	515.7363	501.0237	18106600	52.77325	547.6435
#####	516.405	519.0797	509.545	511.4272	496.8375	7322904	55.32445	549.0011
#####	512.715	517.7423	510.6595	511.9968	497.3908	7053690	61.32141	550.0743
#####	512.1206	513.8542	507.1428	508.0839	493.5895	4054233	70.59684	550.9312
#####	506.1027	510.6595	501.6449	503.1804	488.8259	6326471	73.92807	551.3728
#####	503.7252	509.5698	503.7252	508.8268	494.3113	4347000	71.70692	550.5508
#####	511.1548	511.5015	503.3042	503.8738	489.4996	11009842	67.8738	550.3834
#####	505.3349	509.6193	504.7158	507.7372	493.2527	10089215	72.74159	549.0665
#####	507.6629	518.312	507.5886	517.4947	502.7319	7235452	68.52469	547.3574
#####	518.5101	521.9524	515.2658	517.6928	502.9243	6980274	60.85808	544.8883
#####	518.1386	520.5161	512.7397	519.8969	505.0656	5220617	65.02389	541.3324
#####	520.0703	520.4665	514.2504	516.8508	502.1064	4199246	63.83865	537.5493
#####	518.0891	520.2932	510.2137	511.972	497.3668	6100788	66.15684	532.9424
#####	513.6313	517.5442	511.1795	515.9344	501.2162	4611263	66.0876	526.5412
#####	516.1078	516.2812	508.7773	510.6099	496.0435	4571415	54.45544	521.7261
#####	510.6099	514.2504	506.2017	507.7619	493.2768	7490523	53.26854	521.4799
#####	509.1736	512.1454	508.5792	511.5262	496.9337	4551167	53.26854	521.4461
#####	512.6407	512.9131	507.9601	510.2384	495.6826	5777310	48.09795	521.6182
#####	511.6501	512.1454	506.2017	510.0898	495.5383	3953095	43.34131	521.9803
#####	512.6407	521.5067	510.1146	519.9712	505.1378	8419890	43.34131	522.5157
#####	521.5067	523.785	517.7175	520.7142	505.8596	7031717	34.26913	524.26

#####	521.3333	529.7039	521.3333	528.7381	513.6546	9070869	33.77862	526.9911
#####	528.2428	534.0378	524.2556	532.7005	517.5038	6852052	31.27209	530.344
#####	530.2488	534.3598	528.2428	532.651	517.4558	5376741	34.94095	533.5519
#####	532.5519	540.353	531.4871	538.9909	523.6149	6547056	35.07906	538.1309
#####	541.3683	600.1363	540.873	598.0808	581.019	58759604	28.38488	568.6697
#####	601.1022	605.2627	584.1379	585.822	569.11	28728225	18.62371	583.2962
#####	589.6606	622.4993	589.5863	613.6334	596.1281	38499330	18.62371	604.0168
#####	610.2158	618.1406	608.4822	613.2123	595.719	16665551	12.45241	620.6105
#####	614.2277	616.3575	609.2252	611.454	594.0109	11253980	11.74856	633.2667
#####	613.1381	621.4592	607.764	612.5685	595.0934	8336344	11.74856	643.0675
#####	614.9459	637.8538	614.9459	623.3661	605.5831	38907038	11.12153	653.8403
#####	628.5421	649.8401	626.6846	646.5464	628.1021	30793458	10.18451	667.8364
#####	653.233	657.2697	641.9896	646.3483	627.9096	19416016	8.866594	677.3056
#####	647.7103	647.7103	637.0118	639.5378	621.2934	20000005	13.22361	683.7131
#####	638.9435	642.9059	634.7333	637.3337	619.1523	14350087	14.44961	686.2652
#####	639.0673	641.9153	624.6787	634.8077	616.6982	11438543	16.54425	686.8341
#####	653.1835	653.3073	636.5908	638.6958	620.4755	12813559	16.94179	685.762
#####	639.4635	651.97	639.1416	646.3483	627.9096	11125787	16.52593	680.8628
#####	648.8495	649.0477	640.7266	642.7325	624.3972	7348934	18.24107	665.2306
#####	647.8589	653.7778	642.9307	644.2432	625.8646	10488640	19.06298	667.2186
#####	646.8683	646.9922	633.1732	634.3867	616.2891	5939197	26.5037	659.9896
#####	635.0801	635.9221	623.7376	625.9665	608.1093	10428134	42.36581	659.2272
#####	620.1219	627.0066	617.4224	623.9357	606.1365	9364609	42.55318	658.3169
#####	625.6445	632.7769	623.0937	630.6719	612.6804	5449349	42.55318	656.3561
#####	631.0681	639.9341	628.2697	637.3337	619.1523	7514381	39.87814	653.1856
#####	629.5822	633.3713	617.7444	619.6761	601.9984	14976876	51.79215	652.2066
#####	623.0937	626.0656	615.2183	617.0262	599.4241	10017936	67.83134	651.8499
#####	619.9733	624.0843	610.8844	622.425	604.6689	8733582	64.92613	650.4214
#####	621.6078	631.3901	620.6172	629.3593	611.4053	12858458	59.4833	649.5795
#####	627.0562	662.5447	627.0562	654.2484	635.5843	20947737	53.28163	654.0095
#####	664.6993	683.7686	662.2476	680.871	661.4476	20715169	40.99153	667.8002
#####	691.0496	702.3425	683.5704	700.8566	680.8629	18609462	33.85783	685.2246
#####	697.8848	717.6474	694.5167	712.4963	692.1706	23361514	29.14521	702.7867
#####	703.977	710.2674	694.6901	696.696	676.8211	14710432	33.82332	711.9857
#####	698.3801	705.7601	682.1836	684.1896	664.6714	14199616	35.17182	717.9013
#####	687.4091	693.6499	678.6174	679.7318	660.3409	14883207	33.60522	722.5152
#####	684.9078	686.7156	669.2314	670.643	651.5113	12667376	36.34521	724.4768
#####	670.643	680.2519	667.3492	675.9922	656.7079	5867471	36.34521	725.7292
#####	676.0913	691.2229	676.0913	689.3903	669.7238	5463005	36.64235	728.76
#####	693.4022	698.3801	677.082	678.6669	659.3063	7391572	32.5928	731.5171
#####	678.0726	684.7839	672.4013	677.9735	658.6328	5340733	31.8054	730.3338
#####	683.0256	686.889	675.6456	678.345	658.9936	3873597	31.8054	726.0709
#####	683.7686	703.8284	682.8027	694.6653	674.8483	13951559	32.78963	721.9649
#####	697.9095	710.7627	693.5261	702.0453	682.0178	11774019	30.99869	715.4183
#####	723.1453	726.9839	706.3545	709.673	689.4279	16966725	34.5154	714.7044
#####	710.7627	713.264	694.7148	701.5748	681.5607	7736192	42.78315	715.1273
#####	701.8472	705.3886	694.5167	698.1324	678.2164	5801788	51.07338	713.8345

#####	698.2562	703.4817	688.9692	691.0496	671.3357	5468153	52.64994	710.4508
#####	694.4176	694.4176	676.7352	678.8403	659.4747	8579933	52.51749	710.1156
#####	681.9855	683.8924	676.0913	678.6174	659.2581	4384266	50.54625	710.4163
#####	681.0444	683.3228	670.6677	672.5994	653.4119	6629876	49.01128	711.4227
#####	674.4073	677.2553	656.2791	657.8889	639.121	7198681	55.61127	713.0778
#####	658.7557	663.4611	652.9854	654.496	635.825	7414794	59.62305	714.5326
#####	655.7838	660.5635	653.9265	658.929	640.1315	9740485	63.80091	715.4447
#####	661.1331	675.3979	659.0776	673.169	653.9653	10571126	60.42854	715.3732
#####	675.6456	678.444	669.479	673.3919	654.1817	6361244	52.27595	715.2404
#####	673.6396	675.596	665.7147	668.8846	649.8031	3472060	54.30374	713.9696
#####	671.8317	671.8317	660.4892	665.7394	646.7476	3109625	64.95137	711.3228
#####	666.7053	681.9855	664.204	671.7822	652.6179	5840738	70.31594	706.4263
#####	670.1476	676.5619	667.5473	670.1972	651.0782	4543269	69.30814	699.0428
#####	663.8325	668.6617	655.8334	657.4431	638.688	4518258	72.46376	693.0267
#####	660.2416	661.5789	648.8495	653.233	634.598	5913291	71.56171	687.179
#####	657.0221	660.5388	651.4252	655.8581	637.1481	4061858	66.96193	682.443
#####	656.6259	658.6813	644.8871	646.6454	628.1984	4256413	68.35373	681.2454
#####	647.6113	650.6822	641.4695	642.7573	624.4211	6611691	67.56049	680.1478
#####	643.8965	650.0383	642.1382	645.11	626.7067	11963002	60.76842	679.8902
#####	645.853	665.8881	643.8965	662.3714	643.4757	9890146	56.78	680.4693
#####	662.2228	676.3142	661.5294	672.0793	652.9067	11086441	45.44672	682.0299
#####	671.584	675.9427	667.9188	673.2928	654.0856	4457308	42.834	682.8482
#####	677.082	677.5525	661.6284	664.0554	645.1116	7579368	55.18017	681.4003
#####	660.093	663.7087	655.2885	657.8889	639.121	4399971	56.1496	679.6689
#####	661.2322	663.0648	652.3167	656.1553	637.4368	5304943	55.44612	678.5584
#####	656.8983	664.204	651.7471	658.4337	639.6503	5000365	55.44612	677.3322
#####	660.7121	660.7121	649.3448	650.2364	631.6868	4426274	60.98694	675.115
#####	649.4439	664.6993	648.3542	663.2134	644.2936	5168439	54.61468	674.5628
#####	663.7087	666.0862	657.7898	659.5977	640.781	3647290	46.48237	675.0571
#####	666.2347	670.1229	659.251	661.5789	642.7058	6385564	46.48237	675.4314
#####	657.0469	658.6318	652.3167	653.5302	634.8867	3891567	46.11731	676.0367
#####	654.0998	657.2697	649.3448	651.0042	632.4327	2780692	45.2766	676.0073
#####	651.7719	673.6148	651.7719	672.3765	653.1954	24431465	45.2766	677.2317
#####	673.6148	690.9505	673.169	685.4774	665.9224	13056205	37.17681	681.299
#####	688.0282	691.3467	678.2211	687.8796	668.2561	15096065	38.69093	686.2628
#####	688.573	701.2528	688.573	698.0086	678.0963	7031853	41.67103	693.4679
#####	697.8848	704.3732	697.117	699.544	679.5878	4680750	32.04088	700.5133
#####	697.2904	707.2955	695.532	704.3237	684.2312	9226522	26.83198	708.4567
#####	708.0137	715.9139	707.147	709.5987	689.3557	10207734	24.0874	716.3113
#####	711.258	714.2298	708.5833	711.1837	690.8954	14372622	22.79376	722.7741
#####	709.2768	714.7251	705.8096	711.8276	691.521	15040990	15.88577	728.9687
#####	713.2144	713.2144	691.2229	692.684	672.9235	7184538	30.54926	728.1812
#####	693.427	698.3801	688.5235	689.8113	670.1328	5952538	34.16406	728.8993
#####	689.4645	689.6627	681.0692	683.5209	664.0219	3606284	38.2367	728.0479
#####	687.5824	690.8019	679.0632	684.041	664.527	4243619	33.63954	727.7611
#####	688.4739	706.8498	687.9786	704.299	684.207	8683942	31.57458	726.8682
#####	708.0137	716.9292	705.3143	714.5518	694.1675	12556953	25.75483	722.7914

#####	717.5483	718.1923	712.2486	714.5023	694.1194	6271927	28.68951	722.6646
#####	714.7251	741.8431	713.2392	738.574	717.5044	16542604	33.07333	732.3548
#####	740.5305	743.4033	737.5587	739.4161	718.3224	1617344	26.40071	739.3754
#####	743.4528	745.1368	736.5186	740.1591	719.0443	9689441	28.89952	745.9818
#####	742.6603	755.3401	741.7192	748.4554	727.1039	7893715	29.13482	753.6146
#####	747.2914	755.3401	746.0036	753.9037	737.7674	10619232	28.11884	761.4034
#####	752.8636	760.7885	750.6595	759.6741	743.4141	9474992	28.07057	769.6911
#####	761.2838	772.4777	761.2838	768.5895	752.1389	8652868	26.95383	779.22
#####	766.1378	768.6143	748.4059	752.8141	736.701	9063934	22.6945	785.0729
#####	749.1984	761.7791	749.1984	759.2778	743.0264	5441174	20.62351	789.4386
#####	762.6459	767.7228	754.6962	757.2718	741.0633	6288420	16.29698	791.8246
#####	767.7228	788.377	765.2214	785.0584	768.2552	44831188	16.29698	797.1372
#####	792.488	804.8211	785.0584	800.0414	782.9175	20042658	13.04585	802.0244
#####	804.722	804.8459	791.2993	793.5529	776.5679	9259100	17.63649	806.1333
#####	794.5683	807.2976	793.0328	803.7562	786.5527	10131916	19.02175	813.0605
#####	806.3566	808.0901	786.7177	789.9124	773.0052	8495918	25.13474	811.8133
#####	788.1541	795.4351	781.5913	789.7391	772.8357	6614152	29.97284	814.2788
#####	793.4539	801.7997	790.5068	800.0167	782.8933	7645862	30.17173	817.8885
#####	803.7562	803.7562	788.2779	794.2711	777.2707	5681949	30.97021	818.2923
#####	797.441	810.1704	796.5	806.9509	789.6792	9592846	32.88937	821.5457
#####	805.7869	824.6333	800.933	817.3028	799.8094	9094953	31.20392	826.7418
#####	823.6922	823.6922	799.9671	803.459	786.262	8574605	36.27757	827.7006
#####	808.1396	808.1396	798.7041	800.5862	783.4507	4401364	32.656	830.0675
#####	801.4035	802.9142	785.95	793.751	776.7618	5058636	35.84033	826.6721
#####	793.231	802.3941	785.0584	791.8936	774.9441	4816513	37.45062	823.4877
#####	789.0457	795.7818	781.5665	784.7365	767.9402	4701836	40.5359	814.839
#####	768.1933	782.5819	759.3026	765.8654	749.4729	7843781	57.04674	817.8281
#####	773.1711	784.8108	773.1711	779.1395	762.463	6202842	62.06823	818.1116
#####	778.6194	780.6007	767.8218	775.6971	759.0943	6265622	56.79293	817.8699
#####	777.1335	791.324	773.2454	776.1924	759.579	7304951	56.61901	817.5294
#####	774.657	781.4922	769.283	780.3035	763.6022	3662412	56.28882	817.4251
#####	781.096	784.6375	772.7996	774.8552	758.2703	3495195	56.34635	816.7728
#####	778.6194	782.5323	770.7194	772.7006	756.1619	4399773	60.43114	815.8527
#####	775.0781	785.8262	769.283	783.5973	766.8253	3839702	60.43114	814.0399
#####	787.535	789.0704	774.9047	776.663	760.0395	5839979	63.95162	809.4676
#####	782.1114	783.5477	773.2701	775.92	759.3124	5684028	66.18158	801.4921
#####	773.5921	776.3906	757.8167	758.8815	742.6387	6998558	71.00797	798.3404
#####	766.5093	777.0345	763.3889	774.7065	758.1249	4769560	68.86387	793.6299
#####	780.1054	791.225	779.61	789.7639	772.8599	11585780	58.07727	792.5699
#####	792.4137	800.7101	791.9927	797.4906	780.4213	7121827	47.80066	794.9864
#####	800.1652	810.3933	790.4325	799.1003	781.9966	9950182	34.66989	800.1038
#####	807.3472	809.7494	802.9142	808.6349	791.3271	11637538	34.13714	805.8452
#####	805.5641	818.4915	803.7809	814.9749	797.5313	22496263	33.12185	813.7725
#####	815.272	824.6829	807.3472	810.418	793.072	7478761	33.99546	818.6319
#####	812.3002	815.5197	804.4744	809.2293	791.9087	6114140	34.86844	822.1491
#####	813.588	819.0859	808.8826	810.2199	792.8781	5856706	32.74494	826.0413
#####	815.0244	817.2532	809.3284	816.015	798.5492	2999837	30.94342	830.2594

#####	816.2626	851.8256	814.2814	841.0279	823.0267	13557530	29.2231	839.7717
#####	847.764	853.4105	834.0936	835.9263	818.0343	5476914	24.56962	847.355
#####	834.0936	844.8417	826.9117	833.8955	816.0469	13196770	25.39416	852.2155
#####	842.0185	843.0587	835.1833	837.6103	819.6823	2336110	12.77955	857.7031
#####	840.7307	840.7803	829.1406	830.7255	812.9449	3562177	17.74518	853.8605
#####	848.0612	864.3073	837.1645	839.1953	821.2333	11511053	20.68431	852.8548
#####	839.0467	843.7025	828.3976	833.4497	815.6108	5976672	26.93518	852.3685
#####	832.0134	832.0134	805.5641	809.7246	792.3934	5673719	44.47429	851.0638
#####	807.3472	820.1755	797.6392	813.8356	796.4165	6566972	45.13055	849.0322
#####	813.9843	819.284	804.5734	812.3993	795.0109	4875350	48.20922	848.3374
#####	817.8476	817.9467	788.0303	791.646	774.7017	8514143	58.16457	851.4542
#####	792.1413	795.3608	772.8739	779.0652	762.3903	13636223	61.93649	856.0015
#####	784.3155	785.95	771.7842	773.5674	757.0102	7691452	63.52366	859.9766
#####	787.535	796.3019	777.9756	790.8535	773.9262	8466559	64.00453	860.0959
#####	791.6955	817.2037	788.1293	811.161	793.7991	8725859	58.83786	858.0264
#####	817.2532	820.6708	810.9629	816.4113	798.937	4906551	59.34231	854.5139
#####	816.2626	831.4685	814.8758	829.1901	811.4423	5998431	56.43925	853.3675
#####	831.1218	831.9143	820.2251	822.8502	805.2381	4084462	53.56571	851.2129
#####	823.1969	839.3439	823.1969	835.2823	817.4041	6798826	52.72913	851.1701
#####	837.3626	850.3396	828.15	832.261	814.4475	7116625	49.51937	850.8677
#####	834.1927	868.5668	834.1927	864.5549	846.0501	8603714	50.40844	859.1077
#####	871.0434	882.3363	865.1492	868.2202	849.637	9926723	32.20828	869.909
#####	870.7462	883.6241	853.2124	868.5668	849.9763	14772250	31.45995	879.5936
#####	869.7556	875.6992	859.057	866.1398	847.6011	6414314	32.66221	887.4882
#####	869.1612	909.2809	866.7838	905.9128	886.5228	16924095	22.25092	907.2908
#####	907.2006	913.2433	894.5208	901.356	882.0635	3698813	13.16026	920.7912
#####	904.3279	935.8293	900.5635	930.9258	911.0004	12670626	10.1852	938.0809
#####	938.8011	938.8011	919.4842	925.4774	905.6686	6395360	11.14772	946.0804
#####	931.2725	937.018	920.772	931.0743	911.1458	4620435	12.22903	953.9001
#####	931.1734	948.8063	922.2579	938.5039	918.4164	7771680	13.32931	963.9649
#####	941.0795	947.7166	917.0077	921.1187	901.4033	5306577	21.40153	966.9602
#####	925.2297	936.6713	921.8617	933.6499	913.6663	3610434	20.03022	973.1847
#####	936.0769	936.8694	923.4467	932.0154	912.0668	4386549	19.35483	973.9605
#####	938.8506	948.8063	936.8694	943.6056	923.4089	8109185	19.33616	977.3204
#####	943.8532	947.5185	935.3835	937.7114	917.6409	4743147	20.73137	972.3677
#####	946.9736	946.9736	931.322	936.4236	916.3806	2214524	25.90501	972.6947
#####	933.6499	933.6499	920.2767	923.7438	903.9723	4503082	32.44598	970.1443
#####	924.5859	926.2203	894.5704	898.1861	878.9615	9436552	41.14426	965.6242
#####	894.0255	897.4927	875.7983	879.4636	860.6397	8192911	46.66335	959.07
#####	886.3483	901.356	883.6736	892.0443	872.9512	6925831	57.04719	960.7563
#####	892.4901	892.4901	870.9443	875.5507	856.8106	6425509	56.99704	962.3184
#####	876.6899	883.5251	865.2979	867.0314	848.4737	4194396	68.50691	965.0412
#####	866.7838	886.5959	864.8026	878.3739	859.5733	5760193	68.50691	964.2539
#####	876.1946	882.2372	869.7061	875.402	856.6651	7048053	66.70631	961.7996
#####	877.1852	897.4927	877.1852	895.3629	876.1987	6996737	66.11947	957.9344
#####	910.321	916.2152	899.9692	903.3373	884.0024	5639193	57.96081	955.1539
#####	897.6908	915.6703	896.5021	912.2032	892.6787	4260195	59.21681	951.6405

#####	918.0974	930.8267	916.8096	923.7933	904.0207	6037454	56.02409	949.1323
#####	928.6473	929.8361	914.7788	922.0103	902.2758	5103410	54.89651	944.2766
#####	922.2579	940.9805	917.9488	938.1077	918.0286	7398598	54.5313	944.4816
#####	941.0795	950.4903	938.5039	942.1692	922.0032	6455055	45.57927	947.0479
#####	938.3553	948.5091	935.1359	942.4168	922.2455	4724436	34.39915	953.3623
#####	940.9309	942.4168	929.2913	934.4919	914.4903	4685893	28.90239	959.5837
#####	933.006	941.0795	932.164	937.1171	917.0593	3709698	28.90239	963.0725
#####	932.6098	932.6098	910.8659	912.8967	893.3572	9524326	35.43276	964.9383
#####	915.7694	922.5056	899.1767	901.5541	882.2574	5129555	36.82422	964.2245
#####	904.9222	905.2194	888.9239	893.134	874.0175	4662629	40.63944	960.2602
#####	892.5892	912.1042	887.0417	905.1204	885.7474	8448505	42.91369	958.3825
#####	901.4551	921.5645	900.2664	917.9488	898.3012	11112030	39.16184	953.5335
#####	921.3168	927.2109	914.333	922.8027	903.0513	5581979	41.31096	952.4876
#####	925.0812	928.152	910.4201	912.3518	892.824	5641459	46.71718	951.4559
#####	913.7882	917.3049	904.9718	907.5474	888.1224	4980620	51.74722	950.7606
#####	907.3492	920.2767	899.4739	907.0025	887.5892	7283405	56.23201	950.4154
#####	908.2903	916.2647	902.1486	906.0615	886.6683	4221739	56.57142	948.8377
#####	910.3706	916.2152	900.2169	912.8471	893.3087	5068725	65.22352	945.0732
#####	922.2579	924.1896	909.0828	911.1135	891.6122	11264479	64.15353	939.7197
#####	903.3868	923.8924	854.5497	912.3518	892.824	8575323	61.51221	933.7494
#####	914.9274	918.2955	911.3612	917.2553	897.6226	4103513	60.77109	929.3555
#####	917.2058	918.6917	908.3894	909.5286	890.0613	4819670	51.90158	923.6039
#####	909.8257	915.2741	901.4551	904.3774	885.0203	4186472	48.28623	923.9763
#####	906.0615	913.7386	900.7617	911.7574	892.2424	4918863	42.39786	924.6945
#####	916.1656	930.0837	909.5286	921.0692	901.3549	5351708	38.55054	923.4487
#####	924.2391	928.6969	910.3706	915.076	895.4899	4393640	44.11937	922.7061
#####	916.5619	925.626	910.4697	915.5218	895.9262	7158735	52.00002	921.9228
#####	917.8002	923.5457	909.8753	912.4014	892.8726	5117894	49.95876	920.3033
#####	914.0358	914.0358	898.9786	901.2075	881.9182	4362651	54.76899	921.3159
#####	904.4269	910.9154	897.8889	902.5943	883.2753	4383980	54.39517	921.7322
#####	916.3143	917.3049	904.4764	906.21	886.8137	6233847	52.61196	921.8217
#####	909.5286	913.1443	907.1016	911.6584	892.1454	4157621	49.89387	921.4655
#####	913.1443	918.1964	911.6089	914.5807	895.0052	3434151	49.59288	921.8285
#####	917.4039	922.2579	914.8284	919.8309	900.143	4073668	47.51772	923.2116
#####	919.4347	935.0368	915.3237	932.1145	912.1637	6596942	44.93628	928.1317
#####	934.1453	938.5039	926.7156	933.5013	913.5209	5412323	34.63613	932.869
#####	932.9565	933.7985	926.2203	928.9445	909.0616	3622391	33.46669	935.8447
#####	934.1453	943.8532	929.4398	940.0889	919.9674	6955338	33.46669	940.4377
#####	941.0795	949.4997	936.3246	940.2375	920.1129	5132305	31.85283	944.1671
#####	938.8011	938.8011	911.3612	914.2835	894.7144	4995805	50.44593	944.2401
#####	917.3049	920.2767	898.4833	915.819	896.2169	6093651	50.44593	944.2309
#####	920.2767	920.871	906.5072	911.064	891.5638	4329708	50.73013	944.4142
#####	914.333	925.626	913.4415	922.5551	902.8089	4602784	43.86938	945.7399
#####	939.0983	965.1513	931.1734	962.3776	941.7792	21090881	38.38275	955.952
#####	965.8447	981.645	965.8447	974.0173	953.1696	10396119	27.06196	967.6054
#####	972.5314	972.5314	953.6107	957.276	936.7866	6594595	33.5356	971.4239
#####	958.8114	962.8729	947.1718	956.8302	936.3504	6308657	34.9505	974.7092

#####	957.1274	968.1232	950.2922	955.4434	934.9932	4567493	36.24541	976.8957
#####	956.7311	956.7311	940.0889	941.4758	921.3246	4237933	43.11811	976.3772
#####	941.0795	955.4434	932.7089	952.2734	931.8911	5792601	46.77144	978.0746
#####	954.2051	963.4673	927.8054	934.9872	914.975	7626196	48.19206	978.4399
#####	926.2203	935.0863	892.5396	895.8582	876.6835	13367616	58.02113	981.2265
#####	885.6053	903.9316	873.5199	893.6788	874.5507	8856689	61.76248	983.2789
#####	868.765	889.5678	862.8213	883.7232	864.8082	11104841	58.43588	987.3373
#####	894.0751	896.8983	881.6429	886.0016	867.0378	7168146	58.43588	989.2466
#####	889.4688	902.099	883.9708	896.0563	876.8773	6380648	57.07495	990.2009
#####	880.6523	893.5302	877.6805	889.4192	870.3821	5344463	55.58396	990.3735
#####	894.5208	909.5781	893.5798	906.9034	887.4923	5481260	59.08722	987.1682
#####	914.333	933.6499	912.3518	924.8831	905.087	10267369	67.33749	980.599
#####	928.8455	936.8694	919.4347	926.8643	907.0258	6167365	60.82782	972.1754
#####	930.7772	933.749	909.4791	912.649	893.1149	4443395	63.36131	965.3427
#####	912.3518	923.2485	904.9718	918.2955	898.6405	4126685	63.05137	958.1132
#####	920.2767	920.8215	910.1725	912.4509	892.921	3903573	58.98774	950.5845
#####	921.2673	923.7438	913.491	920.6234	900.9186	5499873	58.98774	945.5095
#####	913.3424	922.2579	911.3612	915.6703	896.0715	5167371	56.59229	937.1301
#####	916.7105	929.1922	914.0854	925.4774	905.6686	4896820	40.77491	937.3443
#####	930.1828	936.0274	927.8054	929.8856	909.9825	3893033	36.17572	941.2929
#####	930.1828	946.8251	929.5389	941.5748	921.4216	6470858	28.91404	948.0326
#####	937.0676	948.1129	934.3434	945.5868	925.3476	26144187	26.1243	952.2363
#####	940.8318	950.8865	937.0676	939.4945	919.3857	4133465	29.2627	952.7198
#####	934.1453	941.2281	912.9462	915.4227	895.8292	5688306	40.46494	951.876
#####	920.2767	927.4091	896.6011	902.2971	882.9846	7393101	45.69251	948.102
#####	900.7122	900.7122	879.7112	881.3953	862.5301	7316409	58.34142	951.7307
#####	889.2211	905.9128	884.9119	902.8915	883.5662	6130548	66.116	951.1666
#####	906.3091	910.7173	902.4952	904.526	885.1657	4909678	53.47933	951.1222
#####	911.3612	924.3382	908.9342	921.5645	901.8395	3837440	52.86312	951.278
#####	923.1495	927.2109	912.6985	923.0999	903.3421	5145137	46.90859	952.119
#####	920.0786	923.298	910.5687	920.3262	900.6277	6795338	47.4045	951.9267
#####	916.3143	920.7225	901.4551	903.2382	883.9055	5866510	53.99299	951.9907
#####	900.4645	901.1579	877.73	891.5985	872.5149	14221100	57.19361	952.0947
#####	892.5396	898.3842	883.6241	887.0912	868.1041	5829127	61.84654	951.4995
#####	884.9119	895.5115	878.7206	881.4448	862.5785	7011559	64.83618	949.3894
#####	886.4474	893.877	884.9119	888.4781	869.4613	6791028	69.83662	943.1635
#####	887.5865	903.3868	887.3389	899.6225	880.3672	10212863	67.17813	934.5233
#####	882.2372	891.549	880.7513	885.5063	866.5531	10831400	59.99339	927.6011
#####	885.5558	895.8087	884.1194	892.6387	873.5328	6104583	56.14798	925.9825
#####	898.6814	902.1981	888.5771	891.3509	872.2726	7005357	45.98803	926.8927
#####	887.3884	887.438	871.7368	874.4114	855.6957	8842618	52.4763	926.199
#####	884.6147	892.4901	878.1758	884.5652	865.6321	5766209	61.91462	925.3653
#####	882.6335	893.233	876.9375	891.1032	872.0302	6425059	57.79498	922.9895
#####	896.2049	903.2382	883.6736	886.4969	867.5225	6560005	64.35524	917.1555
#####	896.6011	901.4551	895.0161	899.672	880.4156	3935631	64.35477	910.6629
#####	899.4739	909.8753	896.5021	902.4457	883.13	4460344	51.56523	905.3361
#####	903.9811	910.3706	903.9811	907.3987	887.977	3606112	44.83732	907.4668

#####	909.7762	915.2246	905.5662	908.4389	888.9949	3902042	40.37559	911.16
#####	913.1443	923.9915	907.4483	922.1093	902.3727	6064484	36.62248	919.0663
#####	921.1187	927.8549	915.5218	919.9795	900.2885	4994624	33.48897	923.4076
#####	923.942	932.8574	919.9795	930.0342	910.1279	5822658	35.63686	929.9006
#####	925.6755	931.1734	919.7814	928.2511	908.383	4123166	27.79207	936.1413
#####	931.1734	938.3058	927.2109	935.3835	915.3627	4430313	27.79207	941.9346
#####	936.3741	939.2964	926.2699	929.1922	909.304	3397094	31.29284	945.8967
#####	930.2819	936.1265	926.2203	933.4518	913.4724	4523892	17.47054	951.1831
#####	929.1922	933.006	912.5499	919.187	899.5129	3381269	28.20634	948.7123
#####	921.2673	935.4825	919.7814	927.2109	907.3651	3541772	31.30013	948.1884
#####	927.0128	966.5382	926.2203	960.9412	940.3735	9193591	27.24251	957.8909
#####	964.5074	972.5809	954.5023	961.387	940.8097	6497632	19.78285	962.7364
#####	963.8635	978.7227	953.2145	966.1915	945.5114	15735759	22.06275	969.7445
#####	980.5058	1001.507	976.2462	986.9448	965.8204	11776851	21.66445	981.9112
#####	972.7791	983.2795	950.9856	954.2546	933.83	8955897	35.44613	983.3113
#####	957.9199	970.0053	955.9882	963.5663	942.9424	6175751	35.67667	984.6057
#####	968.7175	968.7175	950.2427	952.5706	932.1819	3984964	40.09036	985.6708
#####	953.8088	955.6415	941.0795	944.9924	924.766	3831671	42.72961	984.4848
#####	949.8464	964.1112	947.3699	961.8823	941.2944	3545827	44.77426	986.5788
#####	968.3213	972.7791	956.1368	958.0189	937.5137	4980805	41.77388	986.8283
#####	956.8302	975.0574	953.2145	967.5288	946.82	4537025	41.40071	989.5762
#####	970.7978	975.3546	965.1018	971.937	951.1339	4052699	39.17785	991.2309
#####	972.0361	981.9917	968.5689	979.9609	958.986	4049541	33.8195	995.5062
#####	982.6356	982.6356	967.5288	977.3358	956.4171	2604012	33.25727	993.0767
#####	973.8192	990.61	967.4792	969.7577	949.0012	4846430	37.71803	986.7192
#####	964.8541	964.8541	943.5065	947.1718	926.8987	8695009	54.24816	987.4671
#####	950.3417	950.9856	932.6593	936.4731	916.429	4778345	57.2291	989.1971
#####	936.7208	944.5466	923.2485	925.0812	905.281	5279612	61.48948	990.514
#####	922.0103	926.9138	913.4415	922.6046	902.8573	6687690	62.36935	989.7508
#####	924.3878	925.2297	916.3143	918.0479	898.3981	5219596	63.66356	991.307
#####	917.3049	917.3049	900.6131	903.684	884.3417	4610857	69.31507	994.4347
#####	905.4175	912.3518	901.6037	907.2502	887.8316	5368392	67.36054	996.2194
#####	907.3987	914.7293	905.8633	912.1537	892.6301	8206579	65.40016	995.4682
#####	916.2152	918.2955	909.4791	911.7574	892.2424	5247105	71.60036	993.5216
#####	912.8471	919.2861	905.8138	908.8351	889.3826	8250871	72.35479	990.6488
#####	906.2596	914.5312	898.087	907.4978	888.0739	6048012	79.47472	985.4051
#####	912.3518	913.6396	905.9624	912.6985	893.1634	17112487	83.07067	977.3395
#####	911.3612	926.9633	909.8257	921.8121	902.0818	8848926	85.13727	965.7584
#####	924.6354	935.1359	921.8121	932.0154	912.0668	5653442	75.63559	953.609
#####	933.9471	946.0325	932.164	938.7516	918.6588	8047086	59.34064	943.9612
#####	938.1077	947.0232	933.7985	945.4382	925.2021	4229195	48.52372	944.126
#####	945.9335	966.8354	945.4877	962.229	941.6337	6922300	35.95356	953.5992
#####	957.276	977.2863	951.58	975.1069	954.236	6594521	27.16896	966.974
#####	977.8311	990.5605	969.8568	973.4229	952.5881	6931136	21.39205	977.3026
#####	974.1659	990.61	971.095	987.7867	966.6443	7515794	7.692308	991.1713
#####	990.61	996.4546	980.2086	993.0865	971.8308	5982192	6.550667	1002.239
#####	988.0839	1002.299	978.1283	998.4854	977.114	5536858	6.435395	1012.484

#####	996.5537	1013.889	989.8671	1004.677	983.1729	11401764	6.027126	1022.801
#####	999.3274	1010.868	997.5443	1006.014	984.4814	5705952	2.965484	1031.259
#####	1004.379	1005.271	984.3196	986.6971	965.578	6406255	17.32733	1033.04
#####	986.6476	1013.295	985.5084	1009.679	988.0682	7262014	17.32733	1036.637
#####	1013.84	1026.272	1011.71	1022.26	1000.38	10609377	15.11047	1040.934
#####	1018.743	1019.536	998.9807	1002.993	981.5248	16323253	24.90046	1039.308
#####	1001.903	1006.955	992.8884	995.0183	973.7211	5246962	30.24844	1036.149
#####	996.5537	996.5537	966.0924	969.7577	949.0012	8145067	41.29104	1031.388
#####	969.3119	976.1471	953.6603	956.7807	942.076	9043473	46.92286	1027.959
#####	952.9668	959.4058	931.4706	936.0769	921.6904	8662575	56.94737	1032.094
#####	940.188	966.3401	940.0889	963.3187	948.5136	8041914	60.75299	1032.677
#####	963.2197	963.2197	948.0138	951.58	936.9552	6724054	55.13627	1033.101
#####	955.9387	969.2624	951.3323	962.1795	947.3918	5115293	59.13064	1032.274
#####	962.6748	982.6851	961.8823	980.803	965.7291	5048125	57.59124	1030.781
#####	987.6382	998.9312	949.5988	955.4434	940.7592	18896793	58.88729	1028.355
#####	955.691	973.7697	955.4434	968.3708	953.4879	9248105	60.43241	1024.185
#####	977.8311	990.61	974.265	987.7372	972.5568	5219197	54.01476	1022.235
#####	993.3342	1018.842	990.61	1016.069	1000.453	10543516	49.78995	1026.554
#####	1015.375	1031.126	1008.292	1029.046	1013.23	8747208	48.73703	1031.012
#####	1034.544	1088.68	1032.81	1072.187	1055.708	24337829	44.43504	1050.219
#####	1070.354	1098.587	1069.859	1089.473	1072.729	18137593	35.66962	1074.891
#####	1089.473	1098.487	1062.974	1066.094	1049.71	6658302	33.07814	1089.994
#####	1068.175	1085.659	1059.557	1082.093	1065.462	6530578	29.88152	1107.58
#####	1088.086	1094.228	1067.184	1082.291	1065.657	4726480	22.65307	1122.529
#####	1083.034	1104.53	1076.149	1094.475	1077.655	5485122	22.63627	1132.084
#####	1102.945	1127.809	1101.459	1118.052	1100.869	8094154	20.27612	1149.727
#####	1119.191	1119.191	1102.648	1109.78	1092.724	5897877	20.94251	1158.405
#####	1111.464	1116.17	1097.001	1100.518	1083.604	4511507	24.46518	1162.169
#####	1099.577	1112.455	1093.832	1104.679	1087.701	6006077	18.03101	1169.203
#####	1099.676	1110.969	1097.398	1100.221	1083.312	6485768	19.26395	1164.428
#####	1108.988	1126.72	1101.707	1119.241	1102.039	6742782	20.38275	1159.457
#####	1119.389	1146.433	1117.408	1140.588	1123.059	14003964	20.41455	1157.132
#####	1140.192	1179.222	1136.378	1174.864	1156.807	14006901	21.07686	1168.769
#####	1179.222	1191.605	1174.269	1181.154	1163.001	9796282	19.17924	1177.25
#####	1180.312	1180.312	1155.002	1157.379	1139.592	6308209	30.93974	1183.096
#####	1163.967	1172.387	1158.568	1165.898	1147.98	6708388	25.03389	1193.34
#####	1165.651	1184.77	1164.313	1181.401	1163.245	4054489	23.91925	1200.47
#####	1183.68	1190.119	1165.948	1173.08	1155.051	4097939	27.15746	1205.919
#####	1173.873	1211.021	1173.873	1206.266	1187.727	7987438	27.1845	1216.997
#####	1210.03	1220.134	1200.619	1206.513	1187.971	6911830	24.58909	1225.335
#####	1199.629	1203.591	1191.01	1192.893	1174.559	3615156	29.4262	1232.257
#####	1186.305	1188.682	1171.594	1176.547	1158.465	4712408	31.81712	1234.436
#####	1178.826	1205.771	1173.179	1199.232	1180.801	5349770	31.81712	1236.564
#####	1191.952	1204.582	1184.274	1189.525	1171.243	6039198	30.82321	1235.395
#####	1197.647	1203.987	1188.781	1192.447	1174.12	3867305	30.82321	1227.736
#####	1196.558	1225.186	1196.31	1223.304	1204.503	7679143	33.11243	1227.69
#####	1225.632	1239.748	1215.479	1235.489	1216.501	7348644	31.72066	1232.519

#####	1234.597	1262.037	1226.771	1257.53	1238.203	8043652	35.15285	1248.904
#####	1253.369	1267.931	1248.218	1265.504	1246.055	6715059	24.46967	1266.37
#####	1267.386	1283.682	1266.743	1279.373	1259.71	5624995	23.51369	1280.88
#####	1283.831	1310.577	1282.84	1306.615	1286.533	8777168	22.9132	1300.979
#####	1303.94	1316.521	1278.085	1282.047	1262.344	11182203	27.05463	1311.859
#####	1281.453	1284.97	1258.521	1262.483	1243.08	9943410	32.60743	1312.639
#####	1258.075	1258.075	1224.988	1229.991	1211.087	15450941	45.37196	1313.157
#####	1233.309	1246.088	1214.537	1217.608	1198.895	12315666	45.15063	1314.098
#####	1223.552	1243.017	1217.46	1230.288	1211.38	8922552	41.39148	1314.809
#####	1230.833	1240.888	1197.152	1215.479	1196.798	10422792	42.68155	1309.85
#####	1218.599	1253.815	1213.844	1249.555	1230.351	11301160	44.44444	1310.811
#####	1253.023	1269.318	1242.72	1266.594	1247.128	10794143	38.7861	1310.449
#####	1263.028	1265.009	1238.362	1244.058	1224.938	7125920	41.52017	1304.152
#####	1247.178	1256.49	1222.66	1226.078	1207.234	10977849	49.52414	1303.095
#####	1240.046	1246.881	1217.311	1240.739	1221.67	8142006	51.68499	1301.527
#####	1247.574	1263.622	1235.935	1241.383	1222.304	7953264	53.088	1299.941
#####	1239.005	1239.005	1210.129	1214.389	1195.725	6818107	58.76656	1297.639
#####	1214.488	1227.762	1202.947	1205.721	1187.19	7688607	62.86109	1291.211
#####	1212.507	1212.507	1189.723	1199.381	1180.948	11372574	67.16018	1276.997
#####	1207.554	1225.781	1172.387	1206.068	1187.532	19250938	64.25693	1267.475
#####	1203.046	1228.257	1193.19	1220.481	1201.724	10198351	56.1186	1262.985
#####	1223.899	1233.309	1183.779	1219.045	1200.309	9807108	49.63903	1263.274
#####	1227.366	1242.175	1215.627	1239.649	1220.597	6457463	49.63903	1264.175
#####	1243.216	1251.14	1225.88	1241.977	1222.889	10911205	43.7081	1266.731
#####	1248.07	1259.759	1235.588	1246.138	1226.986	11177984	43.18472	1266.724
#####	1245.89	1245.89	1192.694	1220.134	1201.382	7402199	57.72229	1262.323
#####	1217.955	1227.96	1188.781	1193.784	1175.437	7446497	64.17994	1256.62
#####	1178.331	1179.222	1095.615	1111.712	1094.626	23432473	73.69179	1278.386
#####	1089.176	1104.827	1028.402	1039.001	1023.033	22151189	79.78238	1308.177
#####	1040.141	1106.511	1015.92	1098.983	1082.093	24913364	83.689	1307.394
#####	1111.118	1112.752	1071.047	1079.814	1063.219	11095381	69.17432	1307.355
#####	1083.628	1105.372	1074.118	1091.751	1074.972	9592247	68.39363	1305.55
#####	1054.009	1104.282	1033.206	1077.586	1061.024	13349523	66.82173	1303.909
#####	1094.575	1118.399	1091.553	1115.972	1098.82	9144401	66.82173	1298.301
#####	1119.29	1136.131	1107.651	1129.048	1111.695	8955871	61.44168	1290.312
#####	1135.239	1156.438	1129.295	1152.872	1135.154	7549490	61.5102	1281.146
#####	1167.929	1168.276	1129.295	1140.489	1122.961	12906841	59.19527	1269.042
#####	1089.671	1100.568	1060.2	1090.959	1074.192	25662196	66.30105	1250.426
#####	1099.577	1104.332	1047.422	1052.672	1036.493	13290338	69.23696	1228.837
#####	1042.865	1054.703	1033.85	1044.796	1028.739	10673958	68.66301	1201.613
#####	1064.807	1065.847	1021.715	1035.93	1020.009	13784775	67.45154	1177.303
#####	1026.272	1030.878	1006.856	1021.121	1005.427	14229855	61.76508	1161.82
#####	1023.201	1047.075	1012.403	1035.088	1019.18	9269654	52.86281	1164
#####	1036.178	1083.579	1036.178	1077.586	1061.024	7744528	50.59967	1159.429
#####	1075.307	1075.307	1042.221	1047.075	1030.982	8890179	55.11372	1158.543
#####	1049.056	1055.842	1037.169	1051.285	1035.128	16613693	55.11372	1156.895
#####	1057.872	1057.872	1040.141	1046.332	1030.251	9485091	55.15439	1155.721

#####	1056.981	1070.849	1053.167	1064.807	1048.442	16955411	55.15439	1152.19
#####	1063.37	1082.44	1055	1080.062	1063.463	7654392	59.0313	1145.64
#####	1083.727	1101.558	1081.35	1093.733	1076.923	8716110	58.58058	1136.298
#####	1104.53	1104.53	1096.308	1100.271	1083.361	1296168	58.89222	1121.021
#####	1095.862	1103.341	1074.812	1083.182	1066.535	10943218	51.64053	1106.826
#####	1087.393	1088.482	1064.46	1069.859	1053.416	5856714	45.94723	1105.678
#####	1063.915	1092.643	1060.002	1089.126	1072.388	6876165	43.86222	1110.842
#####	1094.674	1102.202	1075.307	1087.64	1070.924	7861347	38.03302	1115.046
#####	1086.65	1092.643	1076.298	1086.551	1069.851	6896498	33.83112	1117.983
#####	1087.64	1119.34	1086.798	1116.814	1099.649	11136460	33.83112	1122.032
#####	1122.262	1140.885	1120.38	1139.202	1121.693	7378262	31.30949	1131.451
#####	1134.248	1145.046	1119.389	1126.72	1109.403	5774119	27.93638	1141.815
#####	1126.819	1134.744	1096.655	1102.45	1085.506	7578978	36.47804	1141.877
#####	1104.035	1114.783	1089.77	1092.494	1075.704	5847475	38.77109	1140.881
#####	1098.587	1107.007	1087.095	1099.329	1082.434	6447094	38.77109	1136.348
#####	1097.497	1119.389	1095.07	1117.606	1100.43	6874782	41.09834	1136.765
#####	1121.816	1146.879	1115.724	1141.827	1124.278	8079833	40.46783	1144.426
#####	1150.098	1168.821	1149.108	1157.528	1139.738	12755947	38.41014	1156.303
#####	1161.292	1174.864	1151.386	1156.587	1138.811	10819038	31.69471	1167.168
#####	1163.868	1163.868	1137.716	1145.591	1127.984	5622372	30.8923	1172.939
#####	1147.126	1147.126	1131.475	1141.48	1123.937	5242047	32.29681	1172.287
#####	1133.01	1147.919	1128.602	1144.303	1126.716	5874782	35.17057	1174.784
#####	1138.211	1138.211	1107.75	1113.099	1095.992	5921712	43.81063	1173.16
#####	1118.844	1126.274	1097.943	1123.154	1105.892	7282460	43.81063	1168.597
#####	1099.577	1103.837	1072.93	1080.013	1063.414	9470471	57.75087	1170.793
#####	1055.99	1091.751	1045.094	1087.244	1070.534	13622580	61.53092	1171.004
#####	1088.68	1103.044	1077.536	1100.072	1083.166	12724917	54.09878	1171.927
#####	1117.408	1117.408	1084.767	1096.655	1079.8	9385649	48.9153	1172.846
#####	1092.742	1104.431	1081.548	1101.756	1084.823	7289774	48.9153	1171.896
#####	1105.471	1122.361	1101.063	1119.29	1102.088	5112362	49.36148	1170.746
#####	1112.752	1128.305	1109.979	1125.729	1108.428	5926578	49.5552	1169.581
#####	1130.781	1136.527	1122.559	1126.125	1108.818	7438647	54.69245	1166.276
#####	1110.474	1121.866	1105.669	1117.854	1100.674	5819374	61.84127	1159.383
#####	1114.436	1120.628	1085.709	1089.869	1073.119	8360445	65.43207	1152.503
#####	1090.563	1092.841	1076.347	1078.923	1062.341	4183821	66.69307	1147.889
#####	1075.604	1089.671	1055.644	1088.036	1071.314	7278403	66.69307	1141.386
#####	1096.803	1116.417	1093.633	1109.681	1092.626	12596278	57.71338	1135.35
#####	1114.932	1124.59	1110.672	1114.981	1097.845	7738682	50.92817	1134.924
#####	1120.33	1123.203	1105.719	1110.721	1093.651	7291282	39.06914	1135.714
#####	1114.684	1116.715	1099.676	1110.474	1093.407	4498087	39.17633	1134.94
#####	1104.035	1116.417	1090.662	1096.011	1079.166	7212697	47.03718	1133.492
#####	1097.101	1104.134	1079.864	1082.489	1065.852	7517041	54.87719	1134.765
#####	1087.095	1094.079	1070.948	1088.334	1071.607	8545382	54.87719	1134.677
#####	1096.605	1107.948	1090.662	1094.376	1077.557	5565822	54.59788	1133.263
#####	1094.723	1099.528	1085.709	1094.277	1077.459	5678473	59.29335	1130.12
#####	1101.558	1106.511	1088.383	1100.32	1083.409	5821468	62.27291	1125.424
#####	1097.348	1100.568	1092.643	1097.101	1080.239	4118960	58.06079	1120.13

#####	1097.2	1103.341	1078.378	1087.739	1071.022	6525174	50.96719	1117.971
#####	1084.718	1090.166	1076.199	1086.501	1069.803	4150757	46.22591	1118.844
#####	1094.624	1121.37	1094.624	1119.043	1101.844	10158260	46.22591	1121.859
#####	1124.342	1134.248	1119.736	1125.234	1107.94	6443279	37.47999	1125.769
#####	1133.704	1137.121	1119.389	1123.797	1106.526	7558941	43.57238	1128.562
#####	1138.013	1178.727	1124.59	1173.229	1155.198	25927601	43.47826	1150.303
#####	1182.788	1228.307	1177.489	1226.078	1207.234	22247437	29.00234	1188.721
#####	1221.274	1235.241	1208.148	1223.552	1204.747	16709723	16.49748	1215.681
#####	1221.719	1232.517	1210.525	1214.785	1196.115	8913196	14.35818	1234.944
#####	1213.497	1241.432	1208.643	1235.736	1216.744	13279882	14.35818	1254.955
#####	1238.708	1252.824	1223.8	1234.3	1215.33	8631889	13.89368	1270.747
#####	1238.758	1244.157	1210.922	1218.005	1199.285	8650493	20.85861	1280.421
#####	1219.441	1220.085	1190.069	1199.282	1180.85	9417294	27.27273	1284.129
#####	1203.591	1213.497	1179.916	1184.472	1166.268	7921321	31.53265	1285.451
#####	1190.713	1218.153	1189.723	1215.627	1196.944	10281893	28.71155	1289.45
#####	1222.413	1243.216	1215.528	1238.213	1219.183	9316446	24.88924	1292.414
#####	1235.291	1284.772	1230.387	1278.778	1259.125	11781195	22.87941	1297.492
#####	1279.868	1292.152	1266.594	1279.422	1259.759	9451152	22.24135	1305.256
#####	1284.078	1305.277	1282.097	1297.947	1277.999	9500797	22.28299	1314.741
#####	1297.947	1308.794	1274.024	1278.283	1258.637	9299549	25.78039	1307.919
#####	1272.736	1288.288	1260.304	1265.702	1246.25	6567167	33.60844	1304.602
#####	1263.919	1264.018	1239.253	1241.482	1222.402	7595318	46.42718	1305.493
#####	1239.748	1260.403	1239.748	1244.602	1225.474	6460145	44.48763	1307.006
#####	1229.347	1229.347	1206.563	1212.705	1194.067	6690180	50.37528	1305.605
#####	1218.203	1238.163	1202.601	1232.765	1213.818	9688940	54.23795	1305.586
#####	1238.262	1240.739	1203.591	1208.643	1190.068	9740480	51.65585	1306.94
#####	1206.563	1228.059	1199.827	1204.681	1186.166	6303377	48.99242	1308.821
#####	1212.358	1228.356	1207.554	1222.76	1203.967	6357879	46.00785	1308.834
#####	1224.394	1245.989	1217.806	1235.192	1216.208	10680467	42.94064	1303.06
#####	1232.913	1233.607	1214.488	1220.778	1202.016	8838861	49.0349	1301.193
#####	1224.394	1231.328	1209.188	1220.729	1201.967	7926962	53.57794	1298.194
#####	1198.143	1223.205	1194.676	1208.792	1190.214	10227082	66.22269	1292.121
#####	1216.519	1233.21	1197.647	1212.011	1193.384	11218523	66.42097	1282.835
#####	1222.165	1228.208	1215.033	1219.49	1200.748	11393904	68.3993	1266.524
#####	1225.385	1230.684	1210.773	1214.537	1195.871	7997610	64.21687	1253.675
#####	1211.912	1228.158	1207.157	1226.028	1207.186	7189013	58.65137	1243.928
#####	1228.158	1261.146	1223.502	1252.924	1233.667	12152341	54.62083	1247.568
#####	1252.131	1267.783	1246.336	1258.322	1238.983	8186126	37.3599	1254.488
#####	1254.162	1262.483	1250.15	1255.202	1235.911	6097305	37.32272	1259.342
#####	1258.124	1299.68	1256.094	1291.854	1272	9810964	31.13974	1278.639
#####	1304.534	1321.474	1301.909	1318.849	1298.579	11335173	22.08127	1302.8
#####	1324.446	1347.23	1315.629	1334.649	1314.137	11342554	18.82613	1324.606
#####	1337.076	1349.211	1323.554	1328.953	1308.528	10500649	21.53481	1340.415
#####	1332.37	1346.041	1298.888	1309.24	1289.118	16043743	25.3451	1350.452
#####	1318.502	1345.199	1316.521	1337.373	1316.819	10201021	25.32452	1364.509
#####	1347.23	1367.042	1330.488	1363.624	1342.667	9898262	17.12261	1383.799
#####	1364.862	1374.967	1351.192	1362.535	1341.594	9986597	15.5111	1396.543

#####	1359.612	1367.933	1324.148	1329.151	1308.723	11573789	26.85456	1398.586
#####	1318.106	1324.297	1304.336	1312.013	1291.849	8027368	31.09145	1397.605
#####	1317.808	1358.721	1317.511	1354.411	1333.596	9569142	31.09145	1398.315
#####	1365.011	1365.011	1331.627	1336.581	1316.039	10189856	31.96507	1392.335
#####	1337.571	1356.938	1330.191	1347.23	1326.524	10582305	35.03985	1391.475
#####	1357.136	1393.59	1349.756	1378.781	1357.59	10194002	33.66734	1396.097
#####	1384.873	1389.925	1367.141	1376.651	1355.493	8088587	30.74745	1390.953
#####	1379.672	1389.826	1359.117	1362.287	1341.35	7923866	37.98579	1388.302
#####	1366.051	1370.707	1334.599	1340.345	1319.745	8455067	46.26891	1386.718
#####	1348.171	1351.093	1330.389	1341.187	1320.574	6792015	47.86325	1387.284
#####	1343.267	1344.753	1311.271	1316.768	1296.531	8806267	48.61668	1389.546
#####	1316.422	1328.111	1308.596	1321.92	1301.603	9587648	48.61668	1386.035
#####	1325.387	1335.342	1314.044	1318.898	1298.628	7684871	53.66332	1384.836
#####	1320.434	1340.295	1316.521	1334.154	1313.649	5795755	59.70478	1381.728
#####	1337.323	1344.159	1324.099	1330.488	1310.04	5975855	49.68214	1380.685
#####	1332.37	1336.283	1322.464	1327.566	1307.163	4285366	46.03534	1381.919
#####	1332.37	1347.23	1327.417	1331.132	1310.674	8011783	46.03534	1377.752
#####	1362.089	1376.7	1352.183	1372.936	1351.835	18130729	51.95313	1383.124
#####	1347.23	1354.164	1328.705	1332.717	1312.235	10895052	50.8721	1382.284
#####	1335.342	1360.108	1333.361	1351.043	1330.279	9141135	53.44139	1380.474
#####	1357.433	1381.703	1353.421	1376.453	1355.298	7430660	56.54928	1379.917
#####	1376.056	1399.138	1349.805	1359.513	1338.619	14061860	50.62056	1376.592
#####	1362.089	1382.842	1357.829	1379.722	1358.517	6954749	45.24453	1382.92
#####	1383.288	1383.288	1353.966	1379.722	1358.517	10313866	41.1213	1389.725
#####	1378.929	1400.624	1369.122	1391.857	1370.465	8764806	33.98034	1400.764
#####	1394.729	1404.19	1389.479	1395.621	1374.172	6571878	32.00379	1408.178
#####	1384.873	1389.628	1365.16	1371.896	1350.811	7306518	38.37463	1409.794
#####	1381.703	1381.901	1327.615	1330.885	1310.43	8961240	47.77165	1407.451
#####	1327.417	1327.417	1280.066	1287.248	1267.464	14749036	57.36212	1415.012
#####	1276.698	1276.698	1239.996	1244.652	1225.523	19692278	62.43686	1430.28
#####	1253.122	1265.702	1233.309	1239.402	1220.353	11333250	63.01932	1440.369
#####	1236.182	1248.961	1215.974	1220.481	1201.724	8124086	65.63113	1447.251
#####	1224.889	1257.431	1219.936	1248.614	1229.424	13124240	70.63752	1447.094
#####	1261.047	1266	1238.857	1245.098	1225.962	11269622	64.43139	1446.241
#####	1248.119	1259.957	1246.286	1253.468	1234.204	6669276	68.57093	1440.691
#####	1255.103	1264.959	1240.244	1255.499	1236.203	7973309	71.10194	1432.008
#####	1301.265	1325.139	1291.26	1313.45	1293.263	12450850	70.53189	1424.274
#####	1319.691	1354.164	1317.561	1327.219	1306.821	14003548	61.38529	1414.672
#####	1333.014	1346.932	1322.563	1327.814	1307.406	11394393	58.61229	1403.557
#####	1359.117	1378.929	1312.558	1321.375	1301.066	17890505	61.7584	1387.455
#####	1335.342	1341.088	1304.138	1324.297	1303.944	10277262	59.27949	1370.111
#####	1324.545	1324.941	1294.727	1298.343	1278.389	7419387	56.25595	1355.905
#####	1307.407	1322.266	1301.018	1311.32	1291.166	19657240	47.43707	1354.912
#####	1308.596	1320.78	1291.904	1300.72	1280.73	7180252	35.8003	1359.512
#####	1303.89	1329.399	1303.89	1317.264	1297.019	10842653	34.04638	1364.14
#####	1325.337	1329.3	1307.803	1317.66	1297.409	11871652	24.50415	1367.891
#####	1322.464	1354.411	1308.794	1347.428	1326.719	8564026	24.4531	1368.702

#####	1344.704	1361.346	1335.441	1338.958	1318.38	7126831	26.15152	1371.601
#####	1349.112	1349.112	1308.695	1314.886	1294.678	7736969	34.20049	1366.3
#####	1313.499	1314.787	1293.34	1302.553	1282.534	6794394	39.0835	1359.691
#####	1308.497	1314.539	1297.798	1306.763	1286.68	5431146	39.43975	1344.977
#####	1309.438	1321.969	1305.624	1316.669	1296.433	5303590	51.97774	1344.125
#####	1322.167	1325.832	1312.558	1319.641	1299.36	4752340	53.19338	1343.122
#####	1317.511	1322.167	1296.362	1314.787	1294.58	7239164	51.98447	1342.112
#####	1309.487	1312.558	1297.105	1305.178	1285.119	6896085	54.61211	1341.252
#####	1307.605	1307.605	1266.495	1270.259	1250.737	6880158	57.73114	1347.236
#####	1266.891	1275.856	1257.183	1268.971	1249.469	7751984	58.02871	1350.038
#####	1274.816	1289.774	1250.744	1265.356	1245.909	6688408	60.85106	1353.332
#####	1267.981	1287.793	1266	1284.573	1264.831	4960591	60.85106	1352.292
#####	1283.781	1283.831	1263.573	1267.485	1248.006	10723794	63.6216	1351.989
#####	1260.204	1264.464	1245.296	1250.546	1231.326	5199824	66.84069	1350.601
#####	1247.079	1285.812	1242.473	1283.682	1263.953	6907221	77.45312	1340.393
#####	1278.878	1292.35	1274.271	1281.998	1262.295	5350180	59.57325	1332.06
#####	1281.007	1284.722	1259.065	1262.186	1242.787	11493899	61.26001	1329.154
#####	1265.108	1270.804	1236.925	1241.333	1222.255	8741806	65.29703	1329.012
#####	1246.237	1260.7	1234.746	1256.936	1237.618	6220490	66.70038	1324.502
#####	1261.988	1268.971	1251.438	1266.495	1247.03	4682721	64.81571	1316.633
#####	1270.854	1274.42	1263.077	1270.507	1250.98	4064194	61.87576	1306.746
#####	1269.368	1278.878	1267.981	1271.943	1252.395	4315672	58.76754	1296.78
#####	1273.033	1278.382	1248.169	1251.487	1232.253	5042694	55.08177	1289.924
#####	1246.187	1256.193	1236.479	1240.293	1221.231	6465252	57.3683	1290.999
#####	1237.222	1271.448	1233.805	1268.08	1248.591	8092747	56.56122	1291.155
#####	1268.03	1277.243	1256.787	1266.842	1247.371	5546395	49.66233	1289.916
#####	1274.915	1277.689	1267.287	1269.516	1250.005	3972764	50.17526	1288.018
#####	1270.953	1287.793	1266.049	1268.476	1248.981	7242056	44.74143	1289.348
#####	1272.934	1277.392	1258.421	1264.117	1244.689	4919356	46.11897	1286.998
#####	1267.931	1282.741	1265.058	1280.859	1261.173	4647660	56.38485	1286.345
#####	1282.146	1284.821	1267.981	1269.813	1250.298	4376049	47.42303	1285.136
#####	1269.962	1274.321	1246.187	1250.001	1230.79	5511650	47.05089	1286.74
#####	1256.292	1260.997	1231.031	1237.272	1218.256	7539309	51.27172	1286.404
#####	1239.253	1272.439	1215.776	1268.476	1248.981	13426225	56.82368	1286.564
#####	1272.934	1281.75	1248.565	1261.591	1242.202	9375991	51.42035	1285.858
#####	1261.542	1266.792	1241.779	1247.277	1228.108	7009804	56.34983	1284.853
#####	1252.131	1257.134	1215.479	1219.936	1201.187	10063036	58.37495	1289.26
#####	1219.936	1230.833	1198.638	1202.402	1183.923	9408829	59.73032	1296.98
#####	1205.473	1210.525	1193.784	1199.579	1181.143	8134417	60.30589	1299.956
#####	1202.551	1208.544	1164.908	1169.811	1151.833	9623710	74.46912	1306.695
#####	1164.71	1173.873	1151.485	1155.299	1137.543	9797618	76.2104	1311.466
#####	1152.476	1177.043	1139.548	1169.167	1151.198	10442920	77.06703	1309.456
#####	1164.66	1186.998	1151.188	1173.229	1161.595	10968377	71.71991	1305.098
#####	1156.042	1156.042	1117.408	1132.614	1121.383	14029195	74.97648	1303.242
#####	1124.095	1138.805	1111.464	1117.705	1106.622	13414874	80.37586	1297.482
#####	1115.922	1127.859	1092.742	1098.983	1088.085	11698729	80.29008	1293.425
#####	1097.943	1147.126	1085.015	1141.529	1130.21	14398134	79.22947	1284.951

#####	1150.94	1164.462	1141.48	1151.188	1139.772	10139155	67.15173	1274.126
#####	1221.571	1290.567	1214.488	1262.78	1250.258	48377710	72.02136	1272.905
#####	1291.755	1292.201	1268.328	1276.153	1263.499	14624460	47.77224	1278.385
#####	1279.076	1279.67	1261.047	1266	1253.446	10142736	43.30743	1285.277
#####	1269.021	1284.623	1267.981	1280.463	1267.765	7530571	40.26387	1300.471
#####	1277.689	1280.463	1260.65	1263.969	1251.435	6908329	40.92432	1311.273
#####	1263.672	1266.643	1254.608	1259.016	1246.531	4927825	36.48102	1322.353
#####	1259.016	1259.065	1227.267	1235.043	1222.796	6475744	38.25162	1328.837
#####	1227.366	1271.943	1214.983	1263.87	1251.337	9833599	38.25162	1337.209
#####	1281.849	1281.849	1247.178	1254.905	1242.461	8861952	38.20041	1343.588
#####	1272.934	1272.934	1249.357	1262.879	1250.356	13107475	30.80986	1353.491
#####	1261.79	1268.971	1244.256	1251.438	1239.028	5355931	29.30717	1355.555
#####	1244.652	1248.416	1223.701	1230.09	1217.892	8717834	29.87684	1350.419
#####	1233.805	1242.621	1209.535	1236.826	1224.561	11415309	29.87684	1329.867
#####	1230.585	1231.328	1188.732	1195.072	1183.221	8644177	41.92922	1318.119
#####	1189.277	1193.933	1174.913	1189.871	1178.072	15206140	44.0896	1299.407
#####	1195.468	1201.808	1182.095	1187.345	1175.571	10612413	67.28718	1300.646
#####	1191.704	1217.46	1184.027	1211.021	1199.012	10700713	70.20355	1296.065
#####	1209.188	1221.422	1201.759	1210.724	1198.718	5421667	62.64161	1290.828
#####	1211.021	1228.356	1211.021	1222.809	1210.683	5597024	64.18581	1282.936
#####	1223.403	1228.802	1194.379	1198.985	1187.095	5482620	63.72903	1278.003
#####	1200.619	1216.964	1195.567	1214.092	1202.052	5975368	59.26207	1274.021
#####	1177.835	1207.653	1174.963	1199.381	1187.488	9482774	57.94349	1270.52
#####	1199.629	1199.629	1182.293	1186.206	1174.443	7218213	67.18712	1263.282
#####	1193.635	1204.879	1185.958	1194.379	1182.535	6891996	67.18712	1255.034
#####	1196.508	1198.341	1161.639	1167.979	1156.397	6353109	69.40795	1245.723
#####	1176.795	1257.976	1163.273	1242.572	1230.25	22228398	66.03578	1244.277
#####	1262.186	1268.971	1223.403	1227.564	1215.391	9973401	50.44587	1243.226
#####	1231.923	1286.604	1231.081	1266.693	1254.132	16133561	43.08016	1256.528
#####	1271.943	1282.84	1256.936	1267.535	1254.966	8395729	35.70507	1269.979
#####	1279.868	1286.604	1271.448	1284.623	1271.884	8468733	34.98424	1285.967
#####	1280.363	1302.652	1271.943	1296.758	1283.899	8795570	32.88007	1300.375
#####	1297.699	1323.207	1293.291	1319.74	1306.653	11659226	34.20046	1321.137
#####	1324.446	1329.399	1281.156	1292.647	1279.829	8270254	37.29256	1329.998
#####	1273.924	1302.355	1269.269	1298.739	1285.861	6241716	33.65038	1341.394
#####	1307.506	1316.125	1291.607	1295.817	1282.967	6918922	33.61277	1347.317
#####	1295.817	1308.398	1289.477	1297.798	1284.929	4643419	31.84788	1355.016
#####	1296.411	1317.462	1280.363	1312.311	1299.297	8117158	28.07087	1362.808
#####	1312.558	1356.145	1308.596	1349.954	1336.567	16155443	26.55619	1373.546
#####	1350.895	1352.777	1324	1339.899	1326.612	7659571	19.52592	1380.682
#####	1352.133	1352.133	1338.166	1345.248	1331.908	6181455	19.52592	1367.886
#####	1349.706	1357.136	1341.583	1351.341	1337.94	4463991	20.25543	1375.643
#####	1357.037	1366.695	1350.895	1359.464	1345.983	8954786	19.65027	1374.487
#####	1362.089	1385.863	1359.117	1383.387	1369.669	7401968	23.17392	1387.426
#####	1390.816	1414.492	1385.566	1403.051	1389.137	12978275	20.44483	1401.867
#####	1411.619	1423.358	1390.173	1400.871	1386.98	12823466	21.04621	1413.664
#####	1403.001	1412.56	1370.162	1379.325	1365.647	8512900	30.35594	1417.57

#####	1387.845	1427.865	1373.53	1422.962	1408.851	10449504	22.92704	1435.967
#####	1427.568	1427.915	1397.998	1417.761	1403.702	6248688	20.05698	1445.339
#####	1427.469	1431.432	1416.572	1420.782	1406.693	1391348	19.49957	1453.681
#####	1431.927	1466.103	1428.559	1453.274	1438.863	11892161	19.20924	1466.76
#####	1466.103	1470.61	1446.588	1465.211	1450.682	7541537	16.69856	1477.732
#####	1470.065	1475.662	1447.975	1450.6	1436.215	8982513	21.83219	1480.422
#####	1441.338	1448.074	1427.469	1443.22	1428.908	6416833	24.81898	1486.958
#####	1452.135	1457.187	1431.531	1443.963	1429.644	6490272	24.81898	1489.014
#####	1449.361	1455.157	1427.469	1433.71	1419.493	5854289	29.01791	1487.342
#####	1429.153	1432.868	1415.086	1421.426	1407.331	6749668	33.85077	1482.49
#####	1421.525	1449.262	1418.752	1444.904	1430.576	6499781	35.16722	1478.174
#####	1435.394	1445.944	1427.766	1431.927	1417.727	5546929	39.03806	1474.82
#####	1425.587	1430.688	1409.192	1414.393	1400.367	5241641	46.8857	1474.355
#####	1416.572	1462.041	1416.572	1458.475	1444.012	11641679	41.03345	1479.331
#####	1462.14	1467.688	1442.13	1449.015	1434.646	6580126	36.01115	1470.186
#####	1451.888	1472.839	1449.411	1457.039	1442.59	7241673	42.19639	1473.213
#####	1458.822	1472.047	1441.734	1445.498	1431.164	6496095	43.69083	1472.595
#####	1453.225	1500.675	1451.244	1495.573	1480.743	13926337	44.29973	1483.77
#####	1540.448	1557.635	1528.709	1533.118	1517.915	20092835	40.97633	1508.314
#####	1530.492	1541.389	1514.197	1523.162	1508.058	6875134	35.79047	1523.451
#####	1527.62	1554.762	1523.162	1531.978	1516.787	10315843	33.87933	1539.554
#####	1536.585	1550.107	1536.436	1546.887	1531.548	6989948	32.71604	1557.011
#####	1553.376	1561.548	1541.389	1545.599	1530.273	16305243	28.64435	1571.832
#####	1545.302	1560.706	1541.488	1555.109	1539.688	4450122	25.1339	1586.396
#####	1557.883	1569.275	1549.265	1565.461	1549.937	6344459	24.21173	1596.955
#####	1567.095	1567.095	1533.316	1536.585	1521.348	8565249	30.02456	1603.075
#####	1584.976	1599.29	1562.192	1571.603	1556.018	14410500	25.00503	1613.468
#####	1577.794	1579.032	1557.833	1564.074	1548.564	5995079	23.92128	1610.528
#####	1558.229	1562.687	1519.348	1538.12	1522.868	9685777	32.82412	1611.136
#####	1559.22	1564.916	1529.502	1536.287	1521.053	9203442	33.2954	1606.423
#####	1538.417	1553.276	1526.629	1540.3	1525.026	6038833	31.21542	1601.77
#####	1541.538	1562.588	1531.978	1557.833	1542.385	5834593	30.70564	1583.151
#####	1557.288	1558.824	1539.557	1547.283	1531.94	4694991	38.44109	1574.231
#####	1540.993	1559.715	1536.04	1547.729	1532.381	5706279	43.15435	1575.064
#####	1555.505	1559.072	1542.033	1553.475	1538.07	4765727	43.04542	1573.338
#####	1565.164	1575.07	1557.635	1568.037	1552.487	5846419	43.80708	1574.673
#####	1577.051	1578.933	1549.661	1551.89	1536.501	5488487	48.32762	1574.98
#####	1552.038	1564.173	1540.943	1548.026	1532.676	9379800	49.36774	1574.324
#####	1548.323	1565.164	1547.333	1561.053	1545.573	6803466	51.94136	1574.413
#####	1558.923	1599.736	1557.041	1594.833	1579.018	9464354	42.16869	1586.384
#####	1599.835	1602.361	1581.113	1584.084	1568.376	9816798	38.16927	1588.996
#####	1545.451	1562.737	1543.172	1556.645	1541.208	11587233	52.00106	1587.592
#####	1554.168	1557.288	1528.016	1531.929	1516.738	8329356	51.67874	1589.149
#####	1527.174	1538.368	1495.97	1501.17	1486.284	13734705	58.23077	1595.393
#####	1512.661	1531.681	1507.015	1527.867	1512.717	8158196	58.23077	1595.539
#####	1531.434	1533.118	1513.702	1529.7	1514.531	7902607	52.63381	1594.57
#####	1527.521	1529.205	1493.889	1499.833	1484.96	10246683	59.90078	1597.686

#####	1503.746	1512.76	1491.363	1495.425	1480.596	6463060	60.62512	1600.066
#####	1497.802	1526.48	1497.802	1520.884	1505.802	8173308	60.73607	1598.765
#####	1518.605	1527.174	1508.699	1522.716	1507.617	9684434	56.18886	1595.886
#####	1505.727	1513.553	1483.934	1487.401	1472.651	11315596	61.95374	1594.579
#####	1504.737	1520.091	1499.288	1510.284	1495.308	7699489	61.4009	1592.198
#####	1500.774	1520.042	1495.821	1498.942	1484.078	7406104	58.17791	1589.087
#####	1524.153	1535.446	1516.872	1533.464	1518.258	6914533	60.81779	1582.334
#####	1537.328	1543.321	1525.193	1533.118	1517.915	5758760	59.18587	1566.804
#####	1530.542	1544.064	1523.954	1529.205	1514.041	8437316	55.40381	1552.45
#####	1525.539	1535.446	1507.56	1515.039	1500.015	7299328	53.47038	1545.066
#####	1521.428	1525.44	1503.994	1509.541	1494.572	7299939	48.08086	1544.527
#####	1514.643	1528.858	1513.652	1523.459	1508.352	5929338	48.08086	1543.652
#####	1538.913	1570.067	1538.615	1566.154	1550.624	13597387	51.07358	1555.433
#####	1593.891	1593.891	1512.067	1517.961	1502.909	15019904	46.57303	1556.24
#####	1514.246	1531.334	1507.708	1519.497	1504.429	8732832	45.66749	1556.741
#####	1529.502	1532.226	1516.723	1518.952	1503.89	4763978	45.51294	1554.373
#####	1522.072	1527.471	1506.421	1512.513	1497.515	5190829	51.72132	1553.871
#####	1512.661	1521.924	1504.291	1507.263	1492.316	6751025	45.29892	1555.813
#####	1500.675	1510.135	1490.868	1492.404	1477.604	6178444	48.89373	1553.398
#####	1494.434	1495.821	1449.857	1457.93	1443.473	11321622	59.05908	1562.259
#####	1460.209	1480.368	1450.303	1465.954	1451.417	11420535	59.05908	1563.293
#####	1465.112	1465.806	1426.478	1430.193	1416.011	10338837	71.87368	1569.359
#####	1439.356	1439.604	1393.986	1398.395	1384.528	16037262	74.85414	1577.784
#####	1357.037	1386.804	1350.251	1372.49	1358.88	14173717	75.92794	1586.509
#####	1386.854	1419.049	1384.675	1413.006	1398.994	11714666	75.43667	1584.788
#####	1421.426	1439.158	1416.87	1434.899	1420.67	8524871	65.57455	1579.517
#####	1440.446	1453.225	1426.578	1444.111	1429.791	7171051	63.92958	1568.608
#####	1437.375	1438.712	1414.888	1420.188	1406.105	5634549	68.79285	1550.747
#####	1414.591	1431.927	1397.206	1422.12	1408.018	6988250	68.79285	1540.248
#####	1433.809	1452.432	1431.481	1439.109	1424.838	6460912	68.62257	1527.689
#####	1442.477	1461.001	1441.338	1456.494	1442.051	6245738	63.56646	1515.092
#####	1463.874	1463.874	1448.866	1460.308	1445.827	6260549	58.9802	1503.199
#####	1463.379	1487.351	1439.455	1473.631	1459.018	9796645	55.9081	1494.7
#####	1475.018	1492.007	1460.456	1464.369	1449.848	6068321	48.76049	1489.85
#####	1462.041	1462.041	1443.715	1453.621	1439.207	5135183	50.79657	1488.566
#####	1465.459	1492.304	1461.249	1489.679	1474.907	6499952	44.83289	1497.356
#####	1482.943	1493.84	1469.867	1471.997	1457.4	7795779	35.19924	1504.766
#####	1455.949	1463.131	1426.033	1431.382	1417.188	9862350	38.81888	1504.902
#####	1437.771	1437.771	1396.76	1403.1	1389.187	12804341	44.75204	1495.394
#####	1396.76	1399.088	1374.323	1378.929	1365.255	13550903	56.18928	1499.787
#####	1374.967	1380.712	1356.145	1373.233	1359.616	11562875	61.90018	1504.61
#####	1342.177	1344.258	1312.558	1316.174	1303.122	18144221	68.37591	1520.961
#####	1342.376	1356.145	1288.883	1303.791	1290.863	13614473	69.70152	1532.513
#####	1317.214	1341.187	1309.586	1330.241	1317.05	12644541	70.16033	1533.993
#####	1339.305	1341.088	1295.619	1327.12	1313.96	10201574	68.29583	1531.94
#####	1339.503	1345.199	1293.737	1298.838	1285.959	14080540	74.87108	1528.782
#####	1258.075	1276.054	1229.446	1259.065	1246.58	15568253	78.51228	1525.658

#####	1228.406	1229.347	1084.718	1103.688	1092.744	40698294	87.13034	1548.315
#####	1097.596	1167.384	1097.596	1142.718	1131.387	27495503	86.83909	1545.386
#####	1074.812	1090.662	1038.853	1053.018	1042.576	25830369	83.18018	1547.549
#####	988.6288	1129.295	933.5508	1094.921	1084.064	33826739	88.09332	1523.459
#####	1050.591	1069.562	995.563	1006.163	996.1852	17759556	83.22112	1508.121
#####	1037.416	1050.047	993.78	998.5349	988.6332	20973312	82.66155	1490.046
#####	1015.672	1026.173	951.9762	959.4058	949.892	20643079	83.07044	1472.593
#####	911.4603	957.9199	883.8223	909.0828	900.0681	28337941	84.18327	1454.931
#####	930.6781	1025.182	921.2673	1008.391	998.392	29240849	82.73198	1420.594
#####	907.5969	941.0795	867.4277	875.7488	867.0646	18769636	75.4356	1401.87
#####	921.2673	960.8917	887.3884	934.5415	925.2743	21106643	75.4356	1367.032
#####	954.7499	1140.737	954.2051	1072.088	1061.456	33749620	72.54522	1318.86
#####	1085.51	1106.412	1032.562	1056.188	1045.715	21111073	62.18354	1263.427
#####	1084.718	1096.902	1036.376	1055.594	1045.126	19225132	60.63477	1207.321
#####	1030.829	1064.708	1010.422	1020.774	1010.652	13951078	54.95853	1158.443
#####	1063.866	1119.191	1038.159	1103.292	1092.351	20441125	54.95853	1155.566
#####	1111.712	1114.04	1035.386	1070.305	1059.691	19197220	48.94962	1144.339
#####	1123.797	1123.797	1046.381	1067.333	1056.749	19091236	49.13333	1143.663
#####	1091.751	1202.601	1089.671	1194.775	1182.927	25093419	45.60028	1180.217
#####	1168.92	1217.46	1149.108	1180.956	1169.245	23019764	38.9948	1211.649
#####	1202.601	1221.224	1181.798	1208.495	1196.511	15244658	35.9719	1248.439
#####	1192.645	1203.591	1168.92	1177.984	1166.303	10925447	33.1387	1271.687
#####	1185.81	1224.394	1132.267	1139.053	1127.758	16301024	36.25111	1266.26
#####	1139.053	1176.3	1134.248	1157.082	1145.608	17285802	28.21669	1286.372
#####	1204.582	1218.45	1181.451	1212.507	1200.483	15353792	27.39933	1277.171
#####	1214.488	1245.197	1190.713	1232.121	1219.903	16628269	27.54841	1268.475
#####	1198.638	1240.244	1153.07	1225.731	1213.577	28322996	32.75566	1284.752
#####	1307.605	1371.896	1287.793	1350.796	1337.401	65848350	32.67426	1333.429
#####	1354.511	1372.837	1340.593	1358.027	1344.561	30211857	21.61057	1374.571
#####	1337.472	1480.912	1334.55	1403.694	1389.775	62296159	21.34501	1406.601
#####	1420.535	1461.15	1409.638	1416.325	1402.28	26989849	17.85885	1449.38
#####	1436.385	1441.783	1379.078	1414.74	1400.711	36206232	17.2182	1476.221
#####	1431.332	1440	1406.666	1413.551	1399.534	17303785	17.40349	1482.851
#####	1440.297	1480.912	1424.547	1452.234	1437.833	32926121	20.1652	1516.015
#####	1426.478	1451.244	1404.14	1421.724	1407.625	24670336	23.77253	1532.347
#####	1440.05	1465.112	1433.611	1446.934	1432.586	20723079	19.6047	1555.617
#####	1450.253	1471.006	1431.927	1447.034	1432.684	18685710	10.24559	1571.784
#####	1441.338	1499.437	1431.432	1492.8	1477.997	23087436	10.24297	1579.914
#####	1530.492	1565.065	1522.667	1547.135	1531.793	38887255	9.558476	1591.115
#####	1565.164	1599.835	1557.536	1561.994	1546.505	30959745	9.583634	1607.956
#####	1550.107	1553.623	1451.244	1465.36	1450.829	46465281	26.01151	1598.917
#####	1527	1527	1454	1496.45	1481.611	30657492	26.01151	1569.25
#####	1469	1496.7	1430.05	1435.95	1421.711	22736607	40.86312	1563.471
#####	1444	1466.7	1415.1	1459.4	1444.928	28683258	41.50724	1554.801
#####	1470	1482	1428	1440.75	1426.463	28980385	45.92967	1552.465
#####	1457	1461.7	1403.25	1408.9	1394.929	19528760	50.61752	1553.115
#####	1410	1446.85	1393	1433.7	1419.483	25530626	50.49306	1552.455

#####	1435	1461.45	1425	1441.25	1426.958	18076017	47.97064	1548.651
#####	1451.8	1458	1426.5	1431.55	1417.354	17458065	48.89464	1550.705
#####	1448.15	1449.7	1416.3	1424.05	1409.929	15329472	49.74264	1548.786
#####	1431	1454	1412	1445.55	1431.216	16460756	52.68103	1548.749
#####	1455	1479.75	1449	1472.25	1457.651	18518271	50.1655	1547.02
#####	1468	1472	1452.65	1464.4	1449.879	18470390	53.24964	1539.701
#####	1480	1538.35	1475.95	1520.35	1505.274	18434012	60.81123	1530.286
#####	1526	1540	1520.8	1535.7	1520.472	10224049	41.59404	1526.721
#####	1545	1560	1533.35	1541.65	1526.363	11713461	39.72957	1541.556
#####	1544	1589.5	1541	1579.8	1564.134	15784379	29.41976	1569.706
#####	1595	1618	1573.7	1581.7	1566.016	15264885	25.61449	1591.402
#####	1618.4	1618.4	1565	1569.5	1553.936	14497996	25.88497	1608.754
#####	1560.3	1583	1533	1537.15	1521.907	11933076	26.02353	1617.842
#####	1543.1	1579.55	1540.05	1572.15	1556.56	10214213	26.02353	1624.996
#####	1566	1567.95	1531	1537.7	1522.452	9408046	33.33867	1626.742
#####	1500	1593	1497	1588.8	1573.045	17790311	31.99933	1637.9
#####	1565	1626.95	1561.1	1614.55	1598.54	24509058	25.6611	1650.096
#####	1643	1648.55	1585.3	1617.7	1601.658	23622794	23.84678	1653.624
#####	1608.25	1635.45	1602.1	1615.35	1599.332	19282411	25.61746	1654.232
#####	1607	1665	1605.6	1655.9	1639.48	18677617	25.93655	1668.64
#####	1670	1788.8	1662	1759.4	1741.953	48828609	22.96725	1710.66
#####	1773.4	1804.2	1735	1746.15	1728.835	27781693	22.79517	1743.458
#####	1750	1763.75	1716.1	1720.9	1703.835	17519493	28.20663	1762.893
#####	1735.9	1772.7	1711.7	1727.85	1710.716	23807033	28.60723	1777.833
#####	1727	1749	1713.05	1717.9	1700.865	18312025	32.63766	1791.527
#####	1728.8	1752	1717	1741.65	1724.379	14270458	30.65693	1809.085
#####	1728.05	1739.75	1715.55	1723.15	1706.063	11824524	26.36595	1820.519
#####	1737	1741	1695.55	1704.1	1687.202	13972563	29.7661	1816.8
#####	1720	1749	1708.05	1737.6	1720.37	13136179	25.7505	1824.579
#####	1743	1767.6	1735.05	1760.35	1749.438	13286365	23.4599	1818.245
#####	1779.8	1793	1768	1787.9	1776.817	13583909	25.36971	1824.125
#####	1805	1858	1792.1	1851.8	1840.321	21697962	25.23925	1850.097
#####	1860	1864.35	1806.3	1823.45	1812.147	16239990	26.17904	1859.827
#####	1824.05	1834.95	1790	1798	1786.855	12093186	30.24338	1852.349
#####	1809	1835	1786.25	1824.25	1812.942	16807336	33.15154	1849.139
#####	1828.5	1884.6	1824.25	1878.05	1866.409	20195218	38.20955	1876.056
#####	1903.35	1947.7	1900	1935	1923.006	32124262	28.15845	1918.841
#####	1934	1941.7	1887.3	1917	1905.117	31073305	27.44422	1943.821
#####	1937.95	1978.8	1798	1844	1832.57	64457578	37.15363	1949.968
#####	1847	1869	1812.45	1843.4	1831.973	28133826	37.23037	1950.801
#####	1845	1920	1838	1911.7	1899.85	22948894	36.61361	1967.498
#####	1917.8	1932	1899.65	1919.9	1907.999	16887635	29.17336	1979.954
#####	1939	1977	1936.5	1971.55	1959.329	19463004	28.70114	1992.986
#####	1983	2010	1960.7	2004	1991.578	27584518	27.70843	2014.825
#####	2003.95	2079.7	1991.35	2057.8	2045.045	26921017	27.20554	2049.5
#####	2058	2163	2057.8	2146.15	2132.846	55655668	25.93187	2106.646
#####	2178.8	2198.8	2127.9	2156.2	2142.834	37060665	21.02191	2161.944

#####	2156.2	2194	2150.65	2177.7	2164.201	25435297	16.9191	2211.04
#####	2177.9	2182.8	2070.45	2096.65	2083.654	33534147	26.81109	2223.234
#####	2099	2139.7	2072	2108.85	2095.778	33623699	27.95047	2232.508
#####	2114.5	2129	2052.8	2067.1	2054.287	34593133	34.70098	2234.786
#####	2051.3	2057	2003.1	2009	1996.547	21559142	42.34609	2237.636
#####	2020.6	2167	2000.25	2150.6	2137.269	42476932	34.37501	2262.587
#####	2169	2196	2118.3	2126.45	2113.269	34404810	29.58236	2262.856
#####	2157	2167.7	2107.8	2134.1	2120.871	22762545	29.58236	2248.833
#####	2129.8	2157.8	2120.2	2146.45	2133.145	15222303	32.41898	2246.139
#####	2159.1	2165	2108.1	2119.85	2106.71	12441573	34.9265	2228.532
#####	2134.8	2160	2100.35	2133.8	2120.573	21611256	37.87607	2218.043
#####	2121	2145	2106.8	2127.6	2114.412	13967116	39.68797	2206.301
#####	2128	2138.9	2110	2122.05	2108.896	11459190	44.17022	2198.411
#####	2122.55	2157	2089.25	2113.8	2100.697	15333164	53.43453	2194.328
#####	2105	2105	2070.1	2091.35	2078.386	14296834	56.70837	2186.678
#####	2085	2134.3	2082.35	2118.55	2105.418	14097746	50.69588	2180.591
#####	2141	2154	2121.35	2131.55	2118.337	15731396	47.31616	2182.464
#####	2120	2123.9	2088	2097.05	2084.051	10401212	46.27071	2185.062
#####	2118	2122	2077	2081.85	2068.945	11667129	39.84384	2188.034
#####	2091.4	2104.5	2070.5	2095.75	2082.759	15098991	39.84384	2156.104
#####	2106	2111.3	2078	2082.1	2069.194	8947563	60.05896	2153.288
#####	2085	2147.95	2047	2137.3	2124.052	27630190	60.05896	2154.727
#####	2148	2150	2103.25	2110.6	2097.517	12961252	53.98712	2150.974
#####	2120	2132.9	2106.25	2116.15	2103.032	12537520	51.80841	2146.742
#####	2174	2174	2060.35	2080.7	2067.802	28648125	56.5965	2145.891
#####	2100	2122.4	2062.4	2087.25	2074.312	17821397	58.47799	2142.114
#####	2092	2138	2085	2128.2	2115.008	12437162	56.26803	2142.645
#####	2128	2138.75	2103	2112.1	2099.008	8577634	50.26041	2141.728
#####	2083.55	2096.95	2072.2	2077.25	2064.374	13141644	52.08089	2143.008
#####	2084	2105.75	2044.25	2082.65	2069.74	10119064	52.08089	2141.378
#####	2092	2121	2080.5	2107.1	2094.039	12643749	55.6625	2138.812
#####	2085	2167.8	2081.45	2161.35	2147.952	25525961	48.29051	2151.444
#####	2183.1	2344.95	2175.35	2314	2299.656	64750460	38.06305	2235.575
#####	2312	2337.85	2287.1	2319.75	2305.371	27445768	26.09902	2287.275
#####	2325	2360	2282	2302.55	2288.277	20335273	27.08657	2323.002
#####	2311.95	2325.75	2288.15	2318.85	2304.476	12542824	27.08657	2351.782
#####	2320	2369.35	2310.55	2324.55	2310.141	15668979	24.9368	2382.753
#####	2320	2333.7	2291.85	2298.75	2284.501	11919927	28.95178	2401.241
#####	2314.25	2319.45	2276.55	2305.7	2291.408	15264068	23.14323	2421.144
#####	2300	2336	2247.35	2255.85	2241.867	15519031	31.07507	2424.388
#####	2277	2277	2201.55	2211.15	2197.444	16056620	37.63227	2418.888
#####	2260	2276.75	2205.3	2230.8	2216.972	19839282	38.84198	2420.77
#####	2207.9	2226	2176.05	2181.2	2167.679	13764841	39.13226	2419.616
#####	2189	2212.8	2167.3	2201.7	2188.052	13095028	39.13226	2408.639
#####	2227	2238	2207.05	2216.25	2202.512	9076248	37.93453	2392.736
#####	2225	2264	2216.25	2245.05	2231.134	11926328	38.71136	2374.769
#####	2260	2267	2225	2234.35	2220.5	11290667	42.21251	2356.98

#####	2263.8	2263.8	2214	2225.25	2211.457	9591456	63.64753	2348.111
#####	2244	2249.15	2206	2212.2	2198.487	8732869	64.32989	2338.114
#####	2225.25	2233.9	2201.65	2210.35	2196.649	8497216	64.53798	2328.012
#####	2235	2309	2220	2257.5	2243.506	24538346	68.03522	2314.386
#####	2259	2268	2222.1	2239.25	2225.37	9727405	58.88855	2296.374
#####	2235	2253	2217.1	2233.45	2219.605	8558745	59.58884	2281.747
#####	2235	2255.75	2226.25	2237.05	2223.183	6565515	53.94785	2264.104
#####	2230.6	2285.75	2225.85	2280.7	2266.563	10666190	44.66197	2275.401
#####	2278.9	2304	2268.5	2287.5	2273.321	12341434	37.85153	2287.151
#####	2290	2290	2195	2206.5	2192.823	9246702	45.84973	2290.536
#####	2215	2232.5	2172.65	2175.8	2162.313	9960828	50.80475	2290.027
#####	2190.05	2228.7	2155.15	2176.2	2162.71	14398973	54.1111	2291.864
#####	2179	2193	2152.25	2155.9	2142.536	8529573	59.39594	2295.402
#####	2168	2192	2097.75	2124.6	2111.43	15728986	67.53477	2302.309
#####	2127.4	2132.5	2091	2106.95	2093.89	14215215	68.39816	2309.105
#####	2106	2135	2096.4	2113.05	2099.952	10809307	67.06113	2312.041
#####	2101.95	2101.95	2018.5	2029.1	2016.522	17225212	72.84761	2327.895
#####	2034.9	2059.85	2005	2034.5	2021.889	16835005	72.84761	2330.927
#####	2041.8	2057.7	2007.4	2011.45	1998.982	13809929	81.66527	2328.28
#####	1997	2042	1991	2026.9	2014.336	14147418	81.36478	2320.154
#####	2033.5	2065.1	2021.8	2054.5	2041.765	15700946	77.96126	2306.238
#####	2027	2027	1859.15	1877.45	1865.812	45857806	81.52174	2309.643
#####	1890	1909	1835.1	1850.4	1838.93	40931170	88.84975	2294.575
#####	1837	1929	1837	1913.2	1901.341	37003111	88.20814	2259.678
#####	1954.95	1960.95	1932	1955	1942.882	17170274	76.36017	2233.582
#####	1990	2040	1978.15	2029.15	2016.572	30770080	70.44823	2209.721
#####	2062.1	2069	2036	2050.7	2037.988	16539467	60.68087	2186.154
#####	2077	2090	2041.2	2084.55	2071.629	17045147	56.3314	2171.909
#####	2089	2095	1978.1	1997.2	1984.82	26178477	57.98588	2153.743
#####	1981	2008.45	1965	1980	1967.727	18481466	59.01185	2135.333
#####	1982	2036.65	1981.75	1996.4	1984.025	20946864	53.99642	2119.725
#####	2014.9	2015.3	1995.35	2002.3	1989.888	2411900	52.59235	2116.101
#####	2085	2085	1985	1993.25	1980.894	21479385	51.4744	2112.698
#####	1993.25	2006.5	1960.1	1987.2	1974.882	14030652	51.94545	2109.247
#####	1987.2	2010.45	1968.2	1973.15	1960.919	12828008	54.32178	2101.681
#####	1975	1983.8	1895	1899.5	1887.726	26522972	47.75389	2103.522
#####	1951	1970	1926.25	1950.7	1938.608	20918665	44.70677	2100.681
#####	1964	1974	1932	1964.05	1951.875	14277083	40.26215	2082.562
#####	1980	1992.95	1942.2	1947.8	1935.726	15062376	46.40929	2076.299
#####	1953.05	1965	1930.05	1952.6	1940.496	11924527	50.81818	2071.078
#####	1940.5	1956.1	1921.4	1929.8	1917.838	21845931	62.62549	2063.79
#####	1940.35	1966.25	1930.05	1954.9	1942.782	9114939	66.25435	2046.841
#####	1958.5	1962	1935	1958.15	1946.012	10240168	57.66859	2018.5
#####	1972	1981.1	1958.65	1964.05	1951.875	12822945	54.17223	2014.735
#####	1969	1969	1940	1946.75	1934.683	8521388	55.83231	2011.036
#####	1940.6	1965	1940.6	1958.2	1946.062	8418767	59.24065	2004.412
#####	1961.15	2014.25	1950	1993.75	1981.391	20030506	56.60948	2002.562

#####	2009.95	2033.8	1999.25	2026.95	2014.386	13464375	48.8885	2014.295
#####	2021.6	2028.5	2001	2007	1994.559	7414229	44.92884	2020.021
#####	2013	2038	1974.25	2005.8	1993.367	12434745	29.65937	2031.411
#####	2007.95	2015	1986.35	1991.3	1978.957	7989830	33.35748	2025.209
#####	1989.7	1989.7	1961.1	1974.35	1962.112	8561406	45.10453	2024.951
#####	1988	1994.95	1965.7	1976.55	1964.298	8565904	43.73674	2026.89
#####	1984.5	2005	1977.15	1985.6	1973.292	9346460	43.28741	2027.87
#####	1980.1	2004.9	1965	1991.55	1979.205	8522215	35.73621	2031.407
#####	2010	2022	1855.25	1939.7	1927.676	20368545	48.04659	2028.001
#####	1949	1958.9	1888.45	1936.7	1924.695	12986606	53.9343	2029.591
#####	1930	1951.45	1920.65	1943.85	1931.801	8999898	54.70293	2030.024
#####	1947	1998.8	1945.9	1994.15	1981.789	9588577	50.68397	2033.705
#####	2006.7	2018	1995.3	2003.3	1990.882	7947719	40.96455	2035.491
#####	2009	2012.3	1982.55	1990.05	1977.714	8589407	44.17199	2033.756
#####	1995.25	2007.2	1975.55	1995.5	1983.13	10173132	50.77828	2031.607
#####	1993.5	2011.9	1978.6	1985.3	1972.994	8667516	55.41956	2024.63
#####	1988	1997	1982	1987.5	1975.18	4622002	55.15075	2021.375
#####	1995.1	1998.9	1968	1990.85	1978.509	11312992	51.01769	2019.574
#####	1969	1983.6	1956	1966.1	1953.913	11132803	52.08491	2018.91
#####	1965.9	1966	1905.15	1914.25	1902.384	21414270	62.03443	2025.149
#####	1920.5	1945	1905.15	1911.15	1899.303	14918406	63.04869	2028.32
#####	1918	1938.4	1912.1	1933.7	1921.714	12709792	65.41087	2025.916
#####	1938.8	1938.8	1892.5	1897.25	1885.49	15371556	58.74356	2029.791
#####	1903	1960	1899.9	1957.05	1944.919	18996047	58.22732	2030.471
#####	1963.55	1974.95	1918.45	1938.8	1926.782	12284876	49.66959	2029.923
#####	1945	1966.9	1939.05	1960.6	1948.447	9946818	50.8128	2026.94
#####	1960.6	1973.8	1920.05	1937.45	1925.44	9503790	59.28597	2020.883
#####	1949.1	1997	1923.35	1983.95	1971.652	16198856	59.2966	2017.55
#####	1994.65	2031	1994.65	2016.4	2003.901	14771048	50.92594	2023.929
#####	2021.4	2058	2001.4	2054.7	2041.964	14271669	45.50838	2042.512
#####	2082	2120	2075	2099.4	2086.386	18038987	40.9753	2075.138
#####	2111	2115.35	2035.15	2049.6	2036.895	14090818	43.48782	2086.344
#####	2034.95	2034.95	1932	1941	1928.968	25016570	52.25193	2085.309
#####	1925	1925	1888	1895	1883.254	19553809	51.7454	2090.052
#####	1880.15	1923.3	1870	1876.55	1864.918	15722291	53.05222	2093.242
#####	1894.3	1913.1	1830	1841.95	1830.532	20173258	55.75325	2098.53
#####	1859.4	1905	1848	1895.3	1883.552	15774504	55.09772	2101.557
#####	1914.25	1940	1854.95	1925.8	1913.863	19138414	50.16366	2096.833
#####	1928.3	1952	1900	1930.65	1918.683	13984228	51.1857	2096.935
#####	1924	1940	1905	1924.3	1912.372	11826848	51.29603	2095.02
#####	1930.05	1944.65	1920	1923.75	1911.825	9344470	51.33009	2094.889
#####	1933.05	1969	1929.05	1951.45	1939.354	9776136	51.33009	2092.327
#####	1961.95	1989.6	1952.3	1956.15	1944.025	9047308	53.27489	2087.124
#####	1953.75	1984.75	1927.3	1974.3	1962.062	9799560	56.43078	2077.745
#####	1980	2064.2	1972.25	2055.7	2042.957	19631870	58.9672	2074.831
#####	2055.5	2078	2015.4	2041.6	2028.945	14074374	50.89029	2059.535
#####	2048.05	2061.3	2025	2032.6	2020.001	7287590	36.90307	2062.434

#####	2039.75	2079.4	2035	2059.5	2046.734	9886093	27.34607	2087.369
#####	2060	2095.95	2050.6	2083.25	2070.337	10957388	20.6952	2113.359
#####	2085	2108.4	2059.1	2067.7	2054.883	8605531	14.3759	2129.805
#####	2057	2104.95	2053.3	2080.3	2067.405	10800704	14.3759	2131.677
#####	2080	2089.9	1994.95	2008.1	1995.652	10985697	33.80708	2126.658
#####	2048	2052.9	2013.6	2023.45	2010.907	11834752	37.05162	2126.688
#####	2030	2065.25	2026.15	2061	2048.225	4987735	34.60167	2131.437
#####	2076	2152	2073	2144.35	2131.058	16085897	30.88175	2152.868
#####	2117	2133.9	2070.7	2085.8	2072.871	17297575	33.82251	2149.862
#####	2110.2	2112	2062.5	2101.7	2088.672	8159670	35.8026	2152
#####	2122	2130	2089.1	2106	2092.946	7915073	34.97472	2149.725
#####	2121.05	2219.9	2107.2	2202.1	2188.45	14733134	36.00426	2173.196
#####	2180	2189.95	2157.7	2175.85	2162.363	9892597	36.50347	2193.923
#####	2156	2211.95	2153.05	2178.7	2165.195	11773630	35.33327	2211.274
#####	2168.5	2231.9	2168	2191.1	2177.518	9002404	35.12827	2225.277
#####	2200	2213.8	2146.6	2191.05	2177.469	6993792	36.20347	2237.747
#####	2207	2215.1	2170.25	2181.95	2168.425	5316182	37.20749	2249.294
#####	2195	2206.4	2123.9	2137.6	2124.35	7783173	42.88041	2250.441
#####	2140.05	2148.9	2080.5	2108.9	2095.827	7706170	38.40848	2255.701
#####	2114	2126	2095.5	2100.6	2087.579	6402757	39.56217	2244.711
#####	2098.05	2103	2035.1	2055.35	2042.61	8865521	46.62789	2236.301
#####	2072.9	2084.8	2001	2009.1	1996.646	9528809	55.38717	2239.834
#####	1991	2095.85	1982.8	2082	2069.094	19284892	61.28606	2241.981
#####	2071	2074	2033.2	2062.4	2049.616	8571196	52.70647	2242.055
#####	2061.95	2109.7	2056	2087.5	2074.56	8039865	54.71902	2241.738
#####	2079.75	2079.75	2040.4	2047.3	2034.609	7763726	56.14787	2236.753
#####	2054	2054	1985	1991.45	1979.106	10153757	72.43855	2231.172
#####	2012	2013.7	1973.7	1994.65	1982.286	9313160	72.43855	2223.666
#####	2008	2048.9	1991.55	2029.3	2016.721	9433842	72.37686	2207.811
#####	2018	2049.9	1999	2003.1	1990.683	7499740	70.44489	2187.013
#####	2018	2030	2003.15	2021.85	2009.317	5410307	69.84794	2159.983
#####	2024.95	2025	1962.1	1992.6	1980.248	6864856	65.96212	2133.015
#####	2004	2004.95	1969	1984.3	1972	6465241	64.36143	2115.742
#####	2000	2046.9	1993.3	2002.85	1990.435	11198918	63.66627	2101.1
#####	2011	2022	1993	2005.35	1992.919	7092878	56.58226	2088.463
#####	1998.45	2006.35	1980	1982.05	1969.764	6478482	53.57472	2087.547
#####	1959	1961.4	1900.25	1911.15	1899.303	9646031	60.90149	2094.536
#####	1924	1940.6	1917.85	1931.8	1919.825	8958261	71.19829	2085.801
#####	1926.3	1961	1913	1944.3	1932.248	9102492	67.30257	2074.069
#####	1936.6	1949.9	1926.45	1932.1	1920.124	7225679	67.10214	2055.683
#####	1904	1916.4	1890	1901.7	1889.912	8527967	64.41304	2052.105
#####	1910.5	1919	1890.45	1901.15	1889.365	7939490	64.47578	2053.055
#####	1892.25	1914.45	1876.7	1906.4	1894.583	6687573	65.14416	2048.499
#####	1906	1918.9	1895.35	1904.35	1892.546	5459016	69.35137	2038.561
#####	1920	1962	1911.5	1937.85	1925.838	9620785	69.35137	2028.957
#####	1940	1997.2	1938.25	1988.65	1976.323	9226547	61.37545	2022.535
#####	1997.85	2008	1980.15	1997.3	1984.919	7902002	49.23186	2024.212

#####	2022.9	2044.5	2007.3	2024.05	2011.504	8035915	47.77245	2032.761
#####	2008.5	2036	1987.55	1994.5	1982.137	9150974	51.26687	2030.731
#####	1966	1979	1943.1	1959.05	1946.906	10909942	53.39033	2024.091
#####	1950	1967.8	1911	1916.6	1904.72	10083693	49.1231	2023.646
#####	1923.35	1938.5	1908.05	1920.1	1908.198	5719649	49.1231	2021.946
#####	1921.85	1935	1906.6	1931	1919.03	6749281	51.99252	2021.031
#####	1937.75	1955.65	1926	1931.75	1919.776	5671163	50.19656	2021.244
#####	1939	1946.8	1920.95	1926.2	1914.26	6433879	45.20923	2023.273
#####	1915	1938.55	1910	1933.15	1921.167	6220217	45.09114	2022.66
#####	1930.1	1932.9	1907	1913.15	1901.291	6081627	47.8731	2021.494
#####	1928.05	1942	1906	1937.3	1925.291	6134079	48.39883	2020.998
#####	1937.3	1963.45	1930.4	1960.35	1948.198	5479424	44.48904	2018.851
#####	1981	2002.6	1972.5	1987.95	1975.627	5567958	46.10052	2020.748
#####	1980	2016.45	1972	1997.05	1984.671	7530294	50.13194	2021.958
#####	1997.9	2010.9	1981	1985.4	1973.093	5271497	52.14492	2017.516
#####	1992	2009.6	1986	2002.55	1990.137	4977555	52.05788	2012.872
#####	2008	2009.8	1982	1985.65	1973.342	3946636	43.9463	2013.353
#####	1996.4	1997	1960	1963.15	1950.981	6821015	38.34794	2016.829
#####	1975	1979.5	1965.3	1970.05	1957.838	3452113	38.34794	2017.74
#####	1970.3	1993	1962.25	1976.1	1963.851	12377100	37.70613	2018.343
#####	1990	2105	1990	2094.8	2081.815	26060864	38.62836	2059.214
#####	2102	2191.7	2085.05	2160.3	2146.909	27285782	22.86772	2115.074
#####	2166	2202	2146.5	2168.9	2155.456	12928379	18.88623	2157.043
#####	2157	2209.5	2157	2201.25	2187.605	11366816	14.26577	2202.274
#####	2221	2250	2196.1	2209.65	2195.953	11064116	13.08304	2235.366
#####	2214.8	2216.45	2184.25	2190.5	2176.922	6677278	17.83536	2257.268
#####	2202	2242	2185	2227.4	2213.593	7539326	18.9448	2284.44
#####	2226.6	2227.15	2198.15	2214.6	2200.873	4464889	21.13837	2305.547
#####	2219	2221	2157.95	2175	2161.518	5265326	26.96232	2316.87
#####	2193.4	2230	2177.55	2183	2169.468	6532832	26.96232	2323.534
#####	2182.9	2228	2180.1	2213.15	2206.507	6351520	24.40003	2335.818
#####	2215	2258.25	2195.05	2244.9	2238.161	9383416	18.20145	2347.954
#####	2261	2274.9	2240.3	2250	2243.246	7002898	16.84121	2346.837
#####	2244.9	2247.05	2205.85	2211.6	2204.962	4982975	23.82703	2328.18
#####	2200	2235	2179.9	2215.65	2208.999	7266765	24.14357	2278.894
#####	2225.5	2235	2184.35	2225.65	2218.969	13553801	32.26704	2260.427
#####	2203.5	2247.5	2200.15	2237.25	2230.534	5624044	38.54513	2261.165
#####	2254	2261	2219.35	2225.75	2219.069	5940386	40.51707	2257.494
#####	2250	2250.6	2201.7	2205.35	2198.73	7685796	49.28768	2256.873
#####	2206.85	2214.6	2140	2153.5	2147.036	42209687	55.92759	2264.526
#####	2153.5	2153.5	2081.1	2104.45	2098.133	25546334	61.91335	2278.154
#####	2122	2126.5	2081	2086	2079.739	9357852	69.49078	2288.934
#####	2089.5	2109	2084.1	2087.8	2081.533	12526981	65.32898	2296.457
#####	2096.25	2122.65	2091.05	2110.65	2104.314	9120556	64.92639	2297.936
#####	2118	2123.15	2095	2097.95	2091.653	5784627	63.30364	2297.453
#####	2097	2132.9	2092.95	2129.05	2122.659	6500973	69.89638	2289.925
#####	2136.45	2153.55	2131.5	2150.2	2143.746	5400604	70.05365	2276.82

#####	2144.95	2148.9	2120.2	2124.8	2118.422	4647361	64.86813	2263.08
#####	2127.75	2127.75	2098	2110.05	2103.716	4824931	66.55799	2253.914
#####	2116.95	2116.95	2081	2092.6	2086.319	5162088	69.22354	2242.165
#####	2088	2091.7	2066.1	2071.2	2064.983	4170886	73.29914	2225.979
#####	2079.75	2101.5	2074.5	2084.1	2077.844	3962111	75.06083	2201.339
#####	2100	2103.05	2088.05	2099.7	2093.397	3099956	70.15123	2174.207
#####	2100.35	2106.85	2081.25	2086	2079.739	3937768	62.12721	2149.346
#####	2095	2095	2078.5	2082.35	2076.1	4360415	54.7445	2141.511
#####	2087.75	2114.75	2087.6	2112.4	2106.059	4074206	50.85099	2143.762
#####	2100	2124	2092.25	2098.95	2092.65	3855577	47.48983	2143.74
#####	2099.5	2108	2084	2093.8	2087.515	3111185	48.85189	2142.059
#####	2119	2123.9	2098.15	2120.7	2114.334	3679260	50.91914	2144.514
#####	2134.45	2134.45	2102.05	2105.7	2099.379	4585938	48.55221	2142.743
#####	2108	2121	2071.1	2076.85	2070.616	5717830	59.83423	2137.302
#####	2076.8	2083.7	2042	2055	2048.832	4995516	64.49942	2128.924
#####	2058	2058	2016.25	2037.35	2031.234	5952355	64.92205	2129.755
#####	2054	2074.4	2043.4	2053.25	2047.087	6352886	62.2154	2128.645
#####	2058	2067.95	2031.1	2035.3	2029.191	5238304	57.52305	2132.121
#####	2054.3	2079.4	2041.15	2072.5	2066.279	5041934	57.52305	2131.23
#####	2090	2091	2064.2	2087.75	2081.483	5453682	52.20619	2130.471
#####	2094.4	2114	2087	2103.75	2097.435	6077861	49.64838	2132.172
#####	2114.3	2154.8	2104.25	2134.25	2127.844	9807831	45.90353	2142.299
#####	2129.95	2146.95	2078.75	2089.05	2082.779	7670583	49.00565	2140.656
#####	2081	2089.8	2066.5	2077.15	2070.915	3458546	53.57027	2137.298
#####	2082	2113	2073.75	2088.05	2081.782	5500708	52.77364	2136.305
#####	2096.95	2120	2083.4	2117.3	2110.945	4238859	50.92429	2138.589
#####	2124.9	2126.2	2105	2110.5	2104.165	3755507	49.21362	2137.385
#####	2117.3	2149.9	2108.95	2145.65	2139.209	5898384	43.91173	2149.681
#####	2149.35	2203	2128.15	2173.5	2166.976	10123204	34.35183	2171.507
#####	2168.85	2185.2	2147.85	2164.25	2157.754	5841743	29.47267	2185.694
#####	2174	2186.8	2152.6	2172.65	2166.128	4650008	29.47267	2194.742
#####	2143	2172	2137	2148.25	2141.802	4350228	31.66695	2199.441
#####	2174	2174	2132.3	2162.35	2155.859	4547802	31.66695	2196.738
#####	2165.05	2192	2155.6	2183.7	2177.145	5475452	34.23407	2204.125
#####	2185.4	2220	2180.1	2202.6	2195.989	6175126	33.51659	2215.731
#####	2208	2244.9	2205	2230.45	2223.755	8579105	33.18591	2232.99
#####	2237	2242.75	2216.05	2227.4	2220.714	4836812	22.23565	2251.471
#####	2250	2275.85	2236.8	2270.25	2263.435	6473487	18.33509	2275.382
#####	2276.9	2283.75	2242.25	2258.15	2251.372	12223037	19.02808	2285.982
#####	2273	2292.9	2263	2267.1	2260.295	5143640	19.76541	2294.14
#####	2255	2307.8	2255	2294.4	2287.513	4595048	19.19749	2312.341
#####	2310	2395	2302.5	2388.5	2381.331	14151629	17.33572	2354.58
#####	2413	2480	2412	2425.6	2418.319	15525644	14.33398	2401.993
#####	2430	2458	2412	2440.9	2433.573	8006968	11.61699	2446.776
#####	2452	2454	2406.65	2431.35	2424.052	6600210	13.44097	2477.631
#####	2427.9	2437.85	2416.1	2425.6	2418.319	4136538	9.002203	2503.222
#####	2433	2433	2368.05	2371.55	2364.431	7527598	21.53964	2506.677

#####	2375	2394	2366	2368.45	2361.341	4111205	22.97406	2505.907
#####	2368.5	2395.75	2368.5	2378.3	2371.161	4186300	24.33673	2504.888
#####	2381.55	2436.75	2367	2428.2	2420.911	6206657	24.96439	2509.873
#####	2446	2455.85	2375.6	2390.55	2383.374	16098099	29.98404	2509.47
#####	2372.1	2418.35	2370	2394.35	2387.163	5436385	29.98404	2500.868
#####	2405	2416.6	2384	2404.7	2397.482	4576111	30.89222	2500.574
#####	2408	2442	2398.25	2430.5	2423.204	5074612	30.02043	2495.161
#####	2447.4	2497	2445.5	2489.9	2482.426	7267883	28.70176	2497.219
#####	2503.55	2505.45	2472	2482.7	2475.248	7011181	27.73703	2489.865
#####	2487	2529.9	2475.3	2524.45	2516.872	7095022	35.67517	2513.046
#####	2534	2564.9	2512.8	2548.05	2540.402	8323269	35.17769	2539.901
#####	2570	2570	2520.05	2527.85	2520.262	4485721	36.30817	2556.684
#####	2525	2534.6	2500.35	2519.25	2511.688	6272085	36.81916	2569.768
#####	2501.95	2539.8	2495	2523.7	2516.125	4134544	25.48141	2586.008
#####	2553	2574.85	2537.05	2556.15	2548.477	5038910	24.34307	2601.523
#####	2555.1	2612	2547.35	2609.2	2601.368	6245770	21.98506	2625.833
#####	2619.95	2619.95	2551.1	2559.85	2552.166	4734472	28.76854	2628.954
#####	2595	2598.75	2567.7	2572.4	2564.678	2924370	25.10292	2642.778
#####	2585.25	2684.4	2581.5	2671.25	2663.232	7279003	24.20932	2673.042
#####	2701.4	2720	2645.35	2652.65	2644.688	6815737	22.2973	2687.802
#####	2645	2683	2641.25	2667.8	2659.792	3083747	22.80355	2699.291
#####	2679	2719.5	2669.3	2694.95	2686.861	4596429	23.34905	2712.989
#####	2700.35	2717.45	2687.2	2700.4	2692.294	3979730	23.84473	2734.611
#####	2668.6	2745	2662.3	2707.6	2699.473	6273850	23.5287	2747.812
#####	2723.8	2751.35	2708	2731.85	2723.65	4076617	25.68697	2768.212
#####	2742.75	2742.75	2691.5	2700.4	2692.294	5865926	27.79569	2781.349
#####	2727.4	2728	2603.2	2622.5	2614.628	9613812	38.72448	2779.145
#####	2620	2664.9	2611.5	2627.4	2619.513	5089178	38.72448	2772.746
#####	2680	2680	2570	2601.8	2593.99	7937067	41.93014	2761.876
#####	2617.1	2668.9	2603.15	2661.05	2653.063	4499706	44.94405	2754.942
#####	2652	2676.8	2619.95	2627.4	2619.513	4567140	42.35776	2758.081
#####	2620	2637.95	2590.5	2598.6	2590.8	4562471	45.88423	2751.667
#####	2596.15	2596.15	2501.7	2536.25	2528.637	6568539	53.47228	2752.213
#####	2536.25	2556	2494.1	2537.8	2530.182	7144532	64.43809	2758.751
#####	2545	2548	2495.25	2500.8	2493.293	4877652	67.19119	2767.169
#####	2506.05	2520	2461	2483.6	2476.145	5533120	70.75727	2770.005
#####	2492.95	2504.9	2490	2498.85	2491.349	787160	75.36908	2761.878
#####	2519.4	2520	2456.4	2501.95	2494.44	9385607	73.63666	2747.619
#####	2505	2528.9	2487.05	2521.7	2514.131	7237470	74.35172	2724.655
#####	2516.7	2558	2503.65	2549.9	2542.246	4731975	73.12971	2692.039
#####	2540.05	2570.5	2535.55	2554.55	2546.882	4948422	60.78434	2667.421
#####	2562.9	2598.75	2557	2593.1	2585.316	4020744	59.95604	2661.561
#####	2600	2602.2	2570	2577.8	2570.062	2216708	53.29128	2654.17
#####	2572.05	2575	2495	2517.9	2510.342	5232292	59.88223	2642.54
#####	2498.95	2498.95	2461	2464	2456.604	4708235	71.19324	2620.676
#####	2460	2489	2450.05	2473.3	2465.876	3925345	68.8674	2603.102
#####	2436.1	2449	2351	2363.75	2356.655	11133364	70.87366	2616.412

#####	2333.05	2401.25	2309	2385.85	2378.688	11688406	70.87366	2621.542
#####	2380	2409.9	2343.55	2351.4	2344.342	7762564	67.32375	2630.011
#####	2373	2502	2357.15	2492.95	2485.467	19568487	65.96619	2630.562
#####	2467.8	2477.6	2401.5	2412.6	2405.358	7274686	55.58264	2629.429
#####	2439.1	2500	2399.1	2441.5	2434.171	11226147	56.94836	2626.347
#####	2468	2475.9	2388.85	2405.4	2398.18	14847511	57.07274	2622.038
#####	2433	2474	2425.1	2467	2459.595	4663276	58.77338	2613.942
#####	2469.7	2496.2	2461.6	2482.85	2475.397	5870468	55.95374	2602.901
#####	2498.4	2498.5	2400	2408.25	2401.021	8871172	59.35421	2583.967
#####	2416	2425	2357.15	2362.6	2355.508	4768334	63.90539	2554.66
#####	2376.15	2404	2360	2381.85	2374.7	5185007	60.87685	2523.806
#####	2424.1	2431.8	2406.3	2418.1	2410.842	4035437	56.0471	2508.457
#####	2435	2474.9	2425	2456.45	2449.076	6098050	53.20754	2506.368
#####	2440.25	2466	2430.35	2458.95	2451.569	3860176	42.70079	2511.173
#####	2473.5	2474.1	2404	2409.65	2402.417	5954148	46.65842	2507.985
#####	2380	2406	2373.4	2380.15	2373.005	5995586	47.82114	2510.753
#####	2384	2405	2361.1	2373.2	2366.076	4322855	48.36508	2497.894
#####	2405.7	2415.5	2368.65	2403.9	2396.684	4504829	54.42897	2488.42
#####	2398.05	2408	2320	2340.45	2333.425	9714489	56.69359	2491.032
#####	2317.85	2317.85	2247.1	2277.35	2270.514	6611376	61.92159	2504.674
#####	2311.35	2346	2292.2	2311.25	2304.312	5924071	61.92159	2502.923
#####	2324.9	2371.9	2322	2366.1	2358.998	8149415	65.28911	2488.58
#####	2374	2380	2358.05	2365.25	2358.15	4186912	54.53013	2473.26
#####	2370	2392	2337.55	2372.8	2365.678	3639616	49.69112	2472.899
#####	2361.55	2378	2348.1	2370.25	2363.135	1853948	49.12881	2471.8
#####	2375.6	2404.85	2373.05	2398.4	2391.201	2941883	51.38162	2470.891
#####	2391	2419	2382.1	2402.5	2395.288	7118779	52.39254	2465.662
#####	2400	2404.95	2345.6	2359.1	2352.019	13537254	61.56587	2449.045
#####	2373	2383.9	2360	2368.15	2361.042	4373768	56.84864	2431.992
#####	2365	2407.95	2363.55	2403.85	2396.635	2502073	51.72117	2432.767
#####	2415.9	2461	2404	2458.1	2450.722	5006225	45.93876	2452.86
#####	2462	2477	2432.95	2469.6	2462.187	5373618	40.16448	2471.162
#####	2451.2	2454	2409	2416.5	2409.246	6667483	40.54222	2477.716
#####	2430.95	2458.05	2411.55	2436	2428.688	6051239	29.4734	2490.726
#####	2452	2457	2416.05	2438	2430.682	4267365	27.87002	2484.263
#####	2436	2474.95	2435	2455.55	2448.179	7478681	30.59258	2482.231
#####	2471.3	2524.95	2465	2521.1	2513.532	6830402	34.34466	2509.965
#####	2521.25	2541	2508.4	2535.3	2527.69	5471871	27.98418	2535.038
#####	2535	2567.3	2525.85	2539	2531.379	9197773	26.95154	2556.593
#####	2538	2565	2537	2552.25	2544.589	3708822	26.67588	2574.66
#####	2554.75	2562.35	2515.75	2521.8	2514.23	2868235	33.64695	2584.741
#####	2530	2542	2509	2521.6	2514.031	4502155	25.37879	2596.251
#####	2500.05	2509.95	2455	2477.45	2470.013	7612203	34.18418	2589.777
#####	2452	2502.25	2452	2477.85	2470.412	6155759	35.03151	2578.97
#####	2475	2504.75	2355.1	2377.9	2370.762	10092511	53.01922	2579.78
#####	2349.55	2388.65	2305	2373.25	2366.126	11311456	61.16007	2586.125
#####	2336	2356.1	2311.05	2338.1	2331.082	9239426	61.17762	2599.624

#####	2365	2375.9	2328.4	2335.85	2328.839	6769154	61.42511	2606.017
#####	2360.2	2406.4	2356.2	2386.6	2379.436	5604308	65.01722	2606.587
#####	2408	2420.6	2347.1	2378.7	2371.56	6092033	57.60061	2605.965
#####	2407	2407	2375.1	2383.55	2376.395	4623163	60.31406	2599.957
#####	2392	2401.45	2347.2	2352.75	2345.688	4417864	74.56587	2588.477
#####	2341	2348.45	2321.1	2331.3	2324.302	5104761	79.15115	2572.505
#####	2342	2356.8	2305	2317.1	2310.145	4944725	80.78519	2551.039
#####	2330.65	2360	2310	2356.05	2348.978	5566080	82.3176	2520.119
#####	2371.15	2387.2	2358	2383.5	2376.345	5300891	73.28736	2491.932
#####	2395.7	2395.7	2365.1	2381.05	2373.903	5752361	64.12659	2459.549
#####	2373.25	2384.5	2344.1	2376.4	2369.267	7357863	64.60893	2434.509
#####	2340.25	2354.95	2313	2338.55	2331.531	4947109	56.94369	2404.559
#####	2351.2	2423.9	2335.7	2417.95	2410.692	5174646	56.22532	2415.574
#####	2430	2433	2395.95	2412.95	2405.707	4796294	38.58822	2426.327
#####	2420.1	2454.9	2410	2443.5	2436.165	5931774	38.16398	2443.495
#####	2444.4	2456.4	2420.15	2424.4	2417.123	3126873	38.20437	2447.615
#####	2412	2437.5	2384.6	2399.9	2392.696	5125968	46.89332	2449.836
#####	2352.9	2395.9	2347.15	2389	2381.829	6227901	48.53734	2450.369
#####	2401.1	2406.55	2368	2374.05	2366.924	3373615	46.78635	2451.941
#####	2305	2339.9	2243.4	2255.75	2248.979	11466725	58.82079	2469.504
#####	2280.1	2307.95	2276.25	2283.95	2277.094	6724094	57.40854	2475.476
#####	2243	2367.35	2243	2359.55	2352.468	9828768	53.7479	2471.931
#####	2334.45	2401	2329.2	2398.55	2391.35	9909226	49.63458	2473.328
#####	2400	2414.85	2370.05	2378.3	2371.161	4701183	50.27054	2473.059
#####	2353	2364.3	2320.35	2325.55	2318.57	4986814	54.56995	2472.471
#####	2278.7	2312.1	2222	2239.55	2232.828	8299295	58.18859	2484.968
#####	2211.5	2246	2180	2235.5	2228.79	9825043	58.46685	2487.432
#####	2236	2367	2234.15	2354.1	2347.034	9421163	66.9274	2479.128
#####	2400	2405	2360	2392.25	2385.069	8297995	54.57797	2473.287
#####	2376.05	2411	2376.05	2399.15	2391.948	5656799	52.54653	2464.69
#####	2386.9	2424.4	2374	2418.85	2411.589	3849222	50.06111	2465.143
#####	2427.95	2427.95	2340.85	2363.45	2356.356	7349740	51.88464	2460.418
#####	2382	2407.9	2377.1	2403.35	2396.136	5145644	50.79952	2464.145
#####	2432.75	2497.4	2415.1	2481.7	2474.251	9886295	37.37383	2497.763
#####	2444	2484	2439	2467.4	2459.994	5537752	34.37202	2511.633
#####	2460.1	2534.95	2453.6	2531.15	2523.552	10410082	35.86564	2538.562
#####	2523	2564.85	2523	2539.2	2531.578	7135797	36.53275	2566.343
#####	2510	2584.15	2510	2578.65	2570.91	6077153	36.26901	2603.607
#####	2582.5	2616	2577	2595.85	2588.058	6563676	27.89908	2643.501
#####	2610	2629.75	2586.5	2621.95	2614.08	4564891	14.63878	2685.797
#####	2638	2638	2607.4	2622.55	2614.678	4007695	13.25476	2702.899
#####	2639.9	2688	2617.1	2672.95	2664.927	7297028	13.23965	2710.605
#####	2664.95	2669.7	2628.6	2634.75	2626.841	6102744	21.73433	2723.819
#####	2636	2665.15	2622	2655.85	2647.878	3656408	23.54355	2742.289
#####	2655.45	2675	2641.65	2663.7	2655.704	3659307	22.83599	2756.28
#####	2651.1	2669.9	2620.7	2626.05	2618.167	6068663	20.35446	2765.087
#####	2587.1	2634.5	2587.1	2619.05	2611.188	5656703	21.59367	2748.073

#####	2595.1	2606	2567	2572.85	2565.127	7151632	31.42261	2722.407
#####	2560	2625	2560	2615.65	2607.799	6992874	35.49715	2718.05
#####	2600	2638.55	2583	2610.2	2602.365	4270816	32.66146	2696.406
#####	2587	2602.6	2555.4	2561.05	2553.363	6099986	46.23613	2691.142
#####	2574.5	2592.6	2545.5	2551.65	2543.991	4778478	48.43809	2686.077
#####	2533	2559.8	2521.8	2543.85	2536.214	4603103	54.74242	2688.832
#####	2558	2668	2551.05	2640.8	2632.873	12064446	57.43496	2691.055
#####	2657.1	2734	2649.1	2718.45	2710.29	11570835	47.75887	2713.817
#####	2750.9	2789	2732	2782.1	2773.749	10018531	40.36374	2751.613
#####	2758.9	2802	2744.2	2758.8	2750.519	6947490	37.49368	2774.815
#####	2742.4	2758.4	2663.65	2695	2686.91	7874671	44.61813	2780.599
#####	2710	2795	2707.7	2775.65	2767.318	5643066	46.36592	2803.84
#####	2755.85	2828	2755.05	2778.35	2770.01	8924920	36.9641	2827.566
#####	2809.95	2851	2786.1	2819.85	2811.386	11820892	36.01404	2859.34
#####	2856.15	2856.15	2777.3	2790.25	2781.875	8406156	31.71266	2881.941
#####	2762	2805.5	2758.05	2780.45	2772.104	4369022	32.82027	2890.466
#####	2785	2790	2676.3	2693.65	2685.564	8882792	43.50837	2891.687
#####	2723.5	2730	2632	2640.9	2632.973	7942721	43.82302	2894.025
#####	2612.2	2659	2593.55	2620.65	2612.783	9068448	44.75046	2888.779
#####	2574.95	2597.1	2507	2518.3	2510.741	8345649	51.69937	2895.54
#####	2495	2526.6	2458	2474.65	2467.222	9004636	54.35002	2902.377
#####	2472.65	2484.95	2421.95	2449.3	2441.948	7681157	63.22879	2918.013
#####	2427.5	2434.85	2370	2399.4	2392.198	9456280	72.9186	2929.9
#####	2426	2478	2415.35	2426.6	2419.316	8910998	79.50254	2922.667
#####	2434.45	2481	2416.65	2427.2	2419.914	6201594	73.44102	2914.741
#####	2435.1	2539.9	2432	2529.15	2521.558	7638666	73.36415	2897.39
#####	2539.65	2570	2508.25	2538.35	2530.731	7973235	70.73518	2868.101
#####	2484	2512.5	2466.05	2479.85	2472.406	6783641	72.6342	2830.683
#####	2512.5	2644.4	2502	2624.45	2616.572	10057508	76.38108	2787.575
#####	2631.5	2653.55	2593	2606.9	2599.075	7039144	61.71606	2744.192
#####	2607	2638	2597.7	2615.85	2607.998	6243086	56.63378	2703.632
#####	2635	2656.7	2601.5	2612	2604.16	5867760	52.35379	2686.384
#####	2624.4	2634.9	2548	2587.1	2579.334	8252551	52.71197	2676.353
#####	2593.05	2605.15	2540.1	2575.1	2567.37	7624888	44.62325	2674.682
#####	2615	2674	2594.2	2664.8	2656.801	6393341	39.6347	2703.719
#####	2641.4	2678.8	2615.7	2632.65	2624.748	32591420	34.22256	2720.427
#####	2634.3	2655.2	2616.2	2633.5	2625.595	4512079	28.04294	2734.418
#####	2634	2732.45	2634	2724.3	2716.123	10211408	27.99813	2752.612
#####	2744	2817.35	2742	2779.5	2771.157	11048210	25.00841	2784.977
#####	2780	2814	2751.8	2767.55	2759.243	5119488	24.29964	2793.252
#####	2769.9	2791.1	2752.05	2772.75	2764.427	5703333	28.72189	2817.108
#####	2772.75	2781	2716.3	2724.05	2715.873	5759172	27.65374	2829.8
#####	2710	2803	2710	2798.75	2790.349	7973935	27.65374	2828.91
#####	2771.9	2789.9	2701.5	2714.25	2706.103	8349943	40.12328	2835.26
#####	2650	2672.8	2616.3	2662.9	2654.907	8131998	45.29254	2833.787
#####	2650.05	2671.85	2613.45	2628.1	2620.211	6790653	48.69487	2833.512
#####	2617.55	2637.3	2584.4	2596.3	2588.507	5166738	49.26247	2836.504

#####	2623	2659.05	2554	2560	2552.316	7896943	51.16513	2840.774
#####	2560	2624.85	2556.1	2590	2582.226	11286988	51.16513	2832.767
#####	2605	2617.1	2521.1	2543.05	2535.417	5568825	57.42828	2842.042
#####	2560	2593.4	2528.3	2584.1	2576.344	5408801	57.42828	2843.586
#####	2558.1	2558.3	2501	2505.6	2498.079	4899839	58.85979	2846.736
#####	2515.05	2525	2445	2464.95	2457.551	8974475	69.30694	2845.258
#####	2480	2511	2468	2500.05	2492.546	6571866	75.02896	2825.089
#####	2544.95	2544.95	2481.55	2492.65	2485.168	7141493	71.24421	2800.883
#####	2482.1	2533.95	2482.1	2527.7	2520.113	6263867	69.50767	2770.375
#####	2507.2	2597	2501	2580.15	2572.405	8863172	65.62923	2741.11
#####	2580	2615.9	2566	2595.65	2587.859	10666627	62.85961	2689.539
#####	2574.9	2592	2365	2408.7	2401.47	37841671	68.89962	2670.147
#####	2378.95	2442	2366.1	2413.7	2406.455	19317335	67.20245	2656.227
#####	2423	2464.9	2417.1	2433.25	2425.946	8144239	64.94516	2642.792
#####	2420.1	2441.95	2388	2411.85	2404.61	11050026	62.03394	2635.795
#####	2425.9	2433.25	2375	2388.1	2380.932	10753423	63.44438	2630.64
#####	2418	2418	2382.55	2391.4	2384.222	8773162	63.77699	2619.3
#####	2376.5	2428.8	2370	2423.9	2416.624	6390604	63.40494	2606.789
#####	2404	2439.7	2404	2420.45	2413.185	4974502	58.83209	2590.014
#####	2427.3	2434	2373	2377.55	2370.413	6564435	59.02333	2588.455
#####	2388	2433.95	2376.95	2397.15	2389.954	7831798	59.02333	2584.049
#####	2415	2415	2383.1	2401.8	2394.591	4431880	60.34895	2576.91
#####	2421	2425	2392.3	2422.25	2414.979	6996757	59.7468	2567.218
#####	2400.3	2447	2400.3	2437.1	2429.785	7587006	61.67904	2548.458
#####	2540	2542.5	2486.25	2503	2495.487	11041036	67.28282	2522.146
#####	2494	2500	2467.3	2486.3	2478.837	7625468	36.80268	2488.277
#####	2500	2516.3	2495	2503.1	2495.587	5062651	36.80268	2505.755
#####	2467.45	2467.45	2403	2420.4	2413.135	10665470	49.13771	2504.593
#####	2421.1	2443.9	2411.35	2421.5	2414.231	5216466	48.76999	2505.285
#####	2419.95	2427	2402	2419.2	2411.938	3994321	45.24758	2507.207
#####	2436	2467.95	2421	2457.1	2449.725	5766936	45.24758	2510.144
#####	2474.7	2517.1	2464	2509.45	2501.917	6982808	40.92038	2522.045
#####	2519.15	2587.75	2507.6	2574.85	2567.121	7245568	38.23374	2556.67
#####	2572.5	2607.8	2561.55	2584.65	2576.892	6423115	25.3806	2589.588
#####	2600	2610	2567.45	2606.35	2598.527	6576824	24.7747	2615.623
#####	2610	2617.75	2535	2571.9	2564.18	6676577	30.45524	2628.614
#####	2576	2578.8	2526.95	2534	2526.394	6434433	36.23779	2630.033
#####	2531	2583.55	2531	2567.15	2559.444	4691228	37.84931	2637.229
#####	2576.9	2589.9	2557.05	2582.5	2574.748	4949442	36.40074	2642.46
#####	2603.1	2609.9	2580.2	2591.1	2583.323	3783480	38.29401	2655.088
#####	2590.3	2641.35	2582.2	2633	2625.096	5838244	37.50896	2673.847
#####	2646.2	2657.3	2627.3	2651.3	2643.342	3049304	20.62726	2701.339
#####	2665	2676.9	2655.55	2665.15	2657.15	3044037	19.63442	2715.681
#####	2660	2669	2640.2	2661.3	2661.3	3419730	19.31558	2721.961
#####	2650	2661.7	2604.95	2613.85	2613.85	4366123	27.97826	2706.313
#####	2617	2631.3	2586	2606.6	2606.6	4371179	31.82591	2688.803
#####	2594	2653.2	2591.35	2646.8	2646.8	4466619	36.46745	2683.309

#####	2640.1	2670	2635.35	2639.75	2639.75	4785579	40.4783	2687.038
#####	2648.95	2662.9	2622.6	2632.05	2632.05	3632902	43.00263	2688.265
#####	2633	2650	2607	2618	2618	4957449	42.22856	2691.485
#####	2585	2655	2578.05	2597.65	2597.65	9155684	38.59524	2693.163
#####	2614	2645.25	2576.6	2637.95	2637.95	10678670	38.59524	2683.719
#####	2582.65	2604.95	2550.7	2560.4	2560.4	9188434	50.92784	2683.979
#####	2560.4	2575.35	2525.7	2530.5	2530.5	5999196	56.87286	2693.267
#####	2531	2581.5	2531	2569.8	2569.8	5227785	58.19585	2691.671
#####	2573	2606	2572	2596.85	2596.85	5030172	58.60801	2687.971
#####	2575	2594.9	2570	2581.75	2581.75	3455942	58.89501	2681.111
#####	2588.25	2598	2571	2585.4	2585.4	3256840	60.6564	2670.549
#####	2610	2610	2564	2571.75	2571.75	2981738	56.13525	2662.439

Lower Bolli %K (5 days	%D Average	EMA 12	EMA 26	Volume	Wt	William % I	Commodity	Rate of Cha
482.723	24.8638	14.72762	507.0705	526.113	525.6878	-82.1078	-133.347	-0.04683
480.3623	16.03178	18.96201	504.1251	523.2842	524.8572	-89.4791	-126.8	-0.04131
482.2833	89.62057	21.56057	503.9226	521.7675	524.1148	-50.6454	-81.1422	-0.02121
481.9477	67.30769	43.50538	503.3588	520.1742	523.7638	-56.976	-62.8051	-0.0346
482.8576	79.44444	57.65335	503.4723	518.9833	523.5076	-47.4493	-61.7706	-0.02645
483.6189	90.59143	78.7909	504.6961	518.4236	523.2697	-29.2563	-9.16797	0.00511
481.8341	18.65594	79.11452	503.0837	516.6304	522.7495	-71.9729	-62.581	-0.03496
478.9599	9.885684	62.89727	500.6068	514.4344	522.0534	-89.92	-131.741	-0.03527
477.0339	11.63125	39.71102	498.1109	512.2084	521.5553	-89.8598	-122.767	-0.00382
476.3495	7.827338	13.39096	495.8009	510.0519	521.0145	-92.1727	-129.936	-0.01911
474.6755	16.94559	9.781425	494.1091	508.1817	520.5145	-83.0544	-113.471	-0.01455
472.9708	9.669516	12.13473	491.4813	505.874	519.7018	-95.0126	-121.983	-0.02233
473.6325	48.47006	11.48081	490.4656	504.3188	518.9022	-75	-80.3737	-0.03566
473.2915	60.35135	25.02839	489.9299	503.0348	518.3492	-69.6338	-53.3321	-0.02653
472.7206	95.35217	39.49697	492.6466	503.3721	517.9204	-17.1086	39.32821	0.006927
473.173	67.84166	68.05786	494.1224	503.2882	517.6714	-32.1583	71.78424	-0.01797
472.9222	59.05087	74.51506	495.0511	503.0564	517.4955	-37.3531	53.57201	0.012026
473.1587	40.75911	74.08157	495.4026	502.6326	517.3065	-44.4032	50.58757	0.021257
472.4519	4.519247	55.88388	494.6522	501.7358	516.9227	-61.4101	-4.07219	0.01268
472.1555	39.84601	34.77641	495.4194	501.5805	516.498	-38.6518	30.86161	0.034244
474.5436	72.91388	28.37479	496.6553	501.7192	516.3144	-29.128	62.8926	0.038465
474.6063	74.63858	39.09304	498.0935	502.0365	516.1241	-22.7581	90.09725	0.060741
475.0586	88.98779	62.46615	499.8019	502.567	515.9867	-14.7804	86.69181	0.050156
472.787	95.33334	78.84675	504.288	504.5221	516.1921	-3.41766	187.4066	0.086198
472.6162	83.04636	86.3199	508.2172	506.3966	516.4617	-11.0108	208.0384	0.043813
473.7095	92.00283	89.1225	512.0943	508.3983	516.6565	-5.38316	186.6583	0.062081
476.1438	94.66428	90.12751	516.5256	510.8056	516.9951	-4.10137	183.9842	0.081452
479.8197	64.21423	89.90449	518.896	512.3706	517.2717	-22.5778	143.2848	0.069565
481.8399	79.45933	83.62711	522.2313	514.4599	517.6039	-6.84998	141.2735	0.102035
482.4853	79.59455	79.44595	525.0574	516.3962	517.9829	-6.80488	124.3339	0.081983
484.0484	78.46942	74.42271	528.1345	518.5194	518.3637	-8.58072	129.712	0.082641
487.317	63.87754	79.17443	530.1933	520.2229	518.7475	-14.544	109.237	0.070184
492.5664	32.89278	73.9805	531.543	521.6113	519.0562	-21.9712	88.43913	0.05846
500.125	7.430884	58.41324	531.6258	522.3868	519.3054	-37.5383	59.97518	0.005899
506.4015	52.26698	34.73373	533.0523	523.758	519.4858	-19.3565	69.35498	0.020894
511.2889	93.57317	30.86355	536.8387	526.2696	519.9619	-3.72584	113.8517	0.045452
517.4803	84.11684	51.09034	539.8368	528.496	520.2886	-13.8027	121.3711	0.028524
523.0075	74.48988	76.65233	542.869	530.796	520.8659	-22.8049	132.6736	0.051911
525.2239	40.64658	84.05996	543.6707	532.0763	521.1802	-49.2018	93.44746	0.013881
526.8941	53.00749	66.41777	545.732	533.9277	521.5681	-28.5063	106.6536	0.030464
527.8672	53.63061	56.04798	547.6782	535.7391	521.8986	-28.5077	130.853	0.024444
529.2024	40.24891	49.0949	548.8335	537.1797	522.2118	-36.7347	96.84562	0.025245
530.5358	6.298535	48.96234	547.5097	537.4056	522.6028	-75.255	32.51668	0.002343
529.8237	17.73859	33.39269	545.8981	537.3781	522.7673	-83.3228	-57.6088	0.009309
525.7129	11.48939	21.42868	542.8238	536.529	522.8126	-89.0577	-131.344	-0.0277
522.4274	14.54113	11.84217	540.3291	535.7941	522.8661	-87.6393	-121.365	-0.05569

518.5321	6.858829	14.5897	537.5248	534.7798	522.8839	-94.1408	-134.856	-0.06152
518.1001	58.91129	10.96311	536.8016	534.635	523.0203	-72.8213	-80.8958	-0.04776
518.5381	83.69898	26.77041	537.1384	534.9576	523.2437	-60.5613	-31.6137	-0.01658
515.7868	46.52556	49.82303	536.1318	534.6345	523.3479	-77.2526	-64.426	-0.04752
513.4709	26.38479	63.04528	534.5181	533.9684	523.3676	-86.4739	-106.606	-0.05863
505.0295	6.118929	52.20311	529.7998	531.7373	523.0345	-96.0526	-179.174	-0.09247
502.5802	26.86485	26.34309	527.1637	530.3246	522.871	-82.6691	-145.45	-0.05102
498.3935	25.17486	19.78952	524.8227	528.9633	522.7879	-82.4247	-115.483	-0.04671
495.4933	20.98223	19.38621	522.0913	527.3415	522.6807	-90.4393	-125.982	-0.03584
494.4313	21.81166	24.34065	519.582	525.7444	522.5336	-89.3357	-116.408	-0.03955
495.3709	39.5216	22.65625	517.4206	524.2473	522.3731	-81.6402	-123.712	-0.03173
492.3617	10.36443	27.4385	514.6164	522.3914	522.0962	-95.1852	-122.978	-0.06312
493.0213	67.61899	23.89923	514.1448	521.5884	521.5125	-53.3662	-90.6437	-0.05091
492.3871	97.54708	39.16834	517.2967	522.5546	521.6504	-15.1068	10.76893	0.007608
492.6355	81.23889	58.51017	519.0798	523.0237	521.7841	-24.6306	34.4769	0.006172
491.3209	94.2706	82.13499	521.743	524.0138	521.8809	-12.1921	59.77469	0.064586
490.9932	81.60142	91.01886	523.1468	524.5215	521.9463	-18.3986	59.7874	0.035506
492.2892	14.81157	85.70364	522.1896	523.9588	521.9289	-42.3765	-9.63834	0.009723
490.8625	8.945457	63.5612	519.3146	522.4435	521.76	-65.46	-87.8542	-0.00703
491.1193	14.95329	35.11948	517.1906	521.1891	521.6377	-62.0102	-77.8935	-0.00054
488.3626	3.611395	12.90344	513.7207	519.2222	521.3307	-80.707	-110.859	-0.02155
485.5576	8.025889	9.170046	510.8837	517.4487	521.1098	-79.5997	-107.126	-0.00784
482.8701	33.19111	8.863523	508.1479	515.6452	520.8332	-83.3475	-132.673	-0.03607
482.9007	63.8984	14.9428	507.898	514.9695	520.7062	-60.2641	-19.1564	-0.05258
479.5141	13.10914	35.03847	504.8671	512.9864	520.3973	-91.7802	-109.729	-0.07693
479.1231	43.85723	36.73288	504.0095	511.972	520.2486	-72.7622	-82.2727	-0.06916
479.1857	63.34934	40.28826	504.3658	511.5537	520.0444	-60.6564	-35.2293	-0.04623
477.6347	81.42002	40.10524	505.7646	511.6948	519.9667	-48.3802	5.242704	-0.00671
479.35	95.58948	62.87553	507.6302	512.1538	519.9343	-40.7502	38.37829	0.028577
478.5882	33.99998	80.11961	506.5379	511.2928	519.807	-63.6987	-26.0853	-0.00985
481.3846	20.14929	70.33649	505.6518	510.5139	519.6455	-52.0247	-48.9205	0.012417
485.5722	60.79741	49.91292	506.407	510.5174	519.5732	-24.9142	3.677903	0.030852
487.1453	61.68334	38.31556	507.0764	510.5352	519.5155	-24.3651	1.962887	0.035809
486.5727	17.22224	47.54335	505.856	509.6914	519.3967	-56.5546	-69.819	-0.01457
485.928	3.03028	46.56766	503.9584	508.4937	519.2443	-72.1345	-86.5289	0.010906
486.5457	27.85546	27.31195	503.1644	507.7754	519.1129	-63.293	-62.9807	-0.00099
487.6828	49.51093	16.03599	503.1249	507.4148	519.0114	-50.4182	-30.765	-0.00675
487.6666	92.01796	26.79889	505.4576	508.2202	518.9707	-7.43524	122.9467	0.009405
487.0378	91.32177	56.46145	508.7344	509.5933	519.0135	-8.67823	204.104	0.017119
488.5789	94.42854	77.61688	511.7052	510.96	519.0684	-5.20697	172.2048	0.05497
489.0996	77.5572	92.58942	513.5979	511.9266	519.1019	-18.9556	149.9144	0.046387
488.1343	90.00009	87.76917	516.2244	513.3149	519.1903	-6.83754	152.7981	0.039387
487.8726	12.89951	87.32861	517.1475	513.9749	519.3169	-37.434	128.6799	0.02245
488.7241	39.16869	60.15227	518.7897	515.0006	519.3579	-25.5016	108.9561	0.057455
490.6319	33.75801	47.3561	520.0383	515.8825	519.4	-27.4551	99.86467	0.067643
492.3705	20.76436	28.60874	520.7062	516.5119	519.4261	-32.8406	75.17609	0.051288
493.206	11.17657	31.23036	520.7645	516.8507	519.4492	-39.8627	52.16109	0.036145

494.9735	62.73565	21.89965	521.6445	517.5643	519.4854	-29.8998	54.63141	0.015816
498.2367	96.22445	31.55886	524.4618	519.223	519.6866	-2.18034	114.0796	0.025059
504.9562	49.8979	56.71223	525.1159	519.926	519.7537	-34.5775	85.33848	0.001266
510.688	91.95285	69.61934	527.3762	521.3987	519.9087	-8.04715	98.10023	0.030153
516.7325	65.26001	79.3584	528.2525	522.2634	519.9749	-34.74	79.21592	0.004527
518.0849	31.41297	69.03692	528.4377	522.7962	520.0215	-49.0678	64.54398	0.013847
518.208	29.62964	62.87528	528.5449	523.2657	520.043	-50.3436	49.76806	0.002487
518.6697	44.99299	42.10088	529.0623	523.9059	520.0836	-39.3525	74.21797	0.009494
517.7154	7.213768	35.3452	527.9494	523.752	520.1082	-79.2934	-4.70261	-0.00486
517.5539	18.51289	27.2788	527.2783	523.7398	520.1313	-72.3259	-21.631	0.0048
517.4823	21.52092	23.57322	526.7523	523.7486	520.1524	-71.2465	-65.2472	-0.00499
516.8972	16.99022	15.74919	526.2005	523.7055	520.172	-73.9943	-75.9094	-0.0311
517.3151	87.10279	19.00801	527.1091	524.3277	520.2249	-38.5674	32.60853	0.006417
518.1659	43.39614	41.87131	527.5845	524.7627	520.3023	-55.236	98.3966	-0.0178
519.2907	50.47184	49.16305	528.2154	525.2754	520.3608	-48.3313	58.85694	-0.0026
518.3284	25.70747	60.32359	527.9491	525.365	520.3843	-72.4972	-19.7357	-0.00561
519.0041	5.535072	39.85848	527.1979	525.1948	520.3981	-88.3775	-79.4631	-0.01147
517.0798	8.489777	27.23813	526.3262	524.9234	520.4045	-91.5102	-92.7258	-0.01951
518.4884	29.24552	13.24411	526.0038	524.8721	520.4189	-79.4926	-64.1784	0.004603
518.7393	43.18188	14.42346	525.7768	524.8466	520.4331	-75.667	-89.7806	0.001797
518.619	55.15044	26.97239	525.6951	524.8762	520.4619	-72.5719	-35.7149	0.002647
517.7342	23.60523	42.52595	525.066	524.634	520.4716	-88.2604	-89.0932	-0.00298
518.3024	25.32195	40.64585	524.5641	524.4243	520.4809	-87.4066	-92.934	-0.01936
512.1805	5.840065	34.69254	521.682	523.047	520.3624	-95.7489	-227.979	-0.04596
505.6165	3.274863	18.25575	518.3974	521.3644	520.0917	-97.5131	-345.926	-0.05897
500.6407	3.614419	11.47896	515.5801	519.7881	519.9716	-97.2477	-283.983	-0.05014
496.6155	10.99395	4.243115	513.5696	518.5084	519.9007	-90.0883	-197.63	-0.0393
495.6537	30.87346	5.961079	512.8742	517.8078	519.8167	-69.2884	-128.94	-0.02393
493.5376	37.05256	15.16061	511.3943	516.7297	519.7282	-86.747	-118.367	-0.04001
491.6642	7.707069	26.30666	509.4562	515.4014	519.6173	-97.0846	-125.187	-0.04906
488.945	4.923034	25.21103	507.2867	513.9164	519.4689	-97.8709	-131.604	-0.05691
485.6859	4.102523	16.56089	504.9557	512.303	519.2853	-98.0404	-128.106	-0.0565
482.0163	3.579382	5.577542	502.5489	510.5999	519.1068	-98.1683	-127.191	-0.06227
479.0354	7.224769	4.201646	500.1581	508.8524	518.8925	-96.6328	-129.855	-0.03721
475.6671	6.483732	4.968891	497.3236	506.8436	518.6105	-97.4916	-142.45	-0.03717
474.9146	25.27773	5.762627	495.4204	505.2221	518.2987	-91.2205	-116.718	-0.03026
474.2128	21.29628	12.99541	493.6424	503.64	518.1576	-88.6885	-107.451	-0.03711
475.5533	2.610293	17.68591	491.6617	501.9458	517.9964	-98.9345	-114.679	-0.05556
473.2884	17.63056	16.39477	489.5247	500.1551	517.6964	-91.3971	-128.019	-0.05064
472.1999	53.17358	13.84571	488.6766	498.9593	517.4775	-74.0536	-95.4986	-0.02964
471.8695	86.44798	24.47148	488.8315	498.2722	517.2881	-58.2932	-64.1368	-0.01145
470.9584	52.9245	52.41737	488.0672	497.2049	517.1605	-71.6143	-68.7881	-0.01681
472.6372	40.08565	64.18202	487.0776	496.0515	516.9577	-72.8502	-90.947	-0.01569
473.4975	13.8046	59.81937	485.8896	494.8148	516.7554	-80.1679	-95.6324	-0.01571
472.5956	3.650558	35.60492	484.0196	493.2533	516.4206	-97.0433	-119.178	-0.0166
470.6423	6.7033	19.18027	481.9153	491.5561	516.1003	-93.6918	-144.855	-0.03013
468.6621	8.194464	8.052821	480.009	489.9242	515.9454	-93.9549	-137.915	-0.02963

461.5098	6.682614	6.182774	476.2052	487.3583	515.1858	-94.67	-227.692	-0.05301
459.228	36.55169	7.19346	474.282	485.6061	514.7632	-72.9592	-185.222	-0.02944
456.8048	45.08031	17.14292	472.75	484.0296	514.5145	-71.3648	-139.404	-0.04068
453.6932	21.48598	29.4382	470.5583	482.1388	514.294	-86.352	-152.436	-0.06367
453.6782	88.17335	34.37266	470.7574	481.3769	513.848	-51.977	-85.7203	-0.02482
453.895	84.80495	51.57988	471.6611	481.0254	513.5501	-39.6683	-10.5668	-0.01039
453.3854	78.69194	64.82143	472.2202	480.6009	513.4246	-42.1155	-16.9223	-0.00847
453.1841	76.47671	83.89008	472.6131	480.1693	513.3184	-34.0152	-4.84601	0.002196
453.2386	95.9016	79.9912	475.5327	481.0153	513.1235	-3.72675	103.0032	0.045177
452.7297	70.88233	83.69008	477.6716	481.639	513.0066	-16.875	129.1658	0.042407
449.8332	92.80357	81.08688	481.4436	483.1613	512.8776	-4.62875	171.5931	0.103024
449.2725	71.1024	86.52917	483.6028	484.0737	512.8001	-17.6953	138.2668	0.068522
447.2631	93.86829	78.26277	487.4872	485.9091	512.7404	-3.47937	166.2546	0.095898
445.6223	95.72137	85.92475	491.8447	488.124	512.7415	-2.07407	178.1108	0.124986
447.0174	77.56306	86.89735	495.0555	489.9456	512.7444	-10.5784	153.1849	0.0866
451.8015	44.54195	89.0509	496.6217	491.0782	512.7142	-22.5435	111.535	0.060012
456.0064	3.142887	72.60879	496.2401	491.3051	512.627	-40.2931	60.95748	0.039652
461.2045	16.93264	41.7493	496.2219	491.6619	512.5277	-48.5492	46.94311	0.044964
468.1682	32.09225	21.53916	496.8581	492.306	512.4791	-39.6891	63.85216	0.017834
472.1357	12.4031	17.38926	496.5049	492.4731	512.3951	-53.5905	38.56909	0.010474
475.6636	21.63007	20.47599	496.2441	492.6462	512.3195	-59.531	36.1887	-0.0147
479.2587	21.88998	22.04181	495.128	492.3753	512.1544	-87.0028	3.07994	-0.0131
483.9727	71.29197	18.64105	495.7573	492.8822	512.0793	-57.6704	32.48806	-0.01893
485.4186	83.33342	38.27067	497.0479	493.7166	512.0415	-43.5369	79.21651	-0.02261
486.5357	85.19561	58.83846	498.5971	494.7093	512.0067	-35.0141	83.64847	-0.01092
486.0194	97.02466	79.94033	501.5159	496.4026	512.0272	-5.04253	144.0671	0.024411
485.807	74.75273	88.5179	503.5436	497.7577	512.0607	-21.3781	144.5334	0.041598
484.4258	86.95187	85.65766	506.0595	499.3976	512.089	-7.85576	142.4063	0.047921
482.4594	95.17787	86.24308	509.6781	501.6334	512.1854	-3.23951	190.4701	0.058404
482.2886	63.24482	85.62749	511.7036	503.2045	512.2241	-17.6847	141.7257	0.057186
481.7661	97.81367	81.79152	514.7472	505.2995	512.3189	-0.99057	151.225	0.074124
483.6092	55.8391	85.41212	516.2519	506.7238	512.4076	-21.7601	126.1547	0.072677
485.5701	10.34869	72.2992	516.104	507.3584	512.4261	-39.7969	61.18499	0.032196
487.6876	29.43015	54.66715	516.5199	508.2065	512.4627	-32.9303	57.09116	0.029081
491.0103	23.10891	31.87265	516.6394	508.8798	512.498	-40.5464	59.71149	0.020071
495.3165	33.57519	20.96258	517.1253	509.6886	512.5319	-44.2069	55.43654	0.004306
500.7156	88.64458	28.70475	519.9901	511.6188	512.6965	-7.86311	111.5126	0.040899
504.1504	80.18164	48.44289	522.4256	513.4115	512.8057	-17.9507	132.0329	0.030629
506.5408	81.92474	67.46714	525.138	515.3852	512.9246	-16.1879	146.8698	0.019781
507.86	95.22692	83.58365	528.0807	517.5245	513.0307	-4.2747	147.0991	0.040972
508.8369	71.62832	85.77776	530.1059	519.2815	513.1796	-22.4755	137.3855	0.018359
510.819	21.45882	82.92666	531.0004	520.514	513.3829	-36.482	102.6855	0.021719
511.182	61.15799	62.77135	532.8431	522.178	513.5768	-17.9154	119.8873	0.053732
511.7455	36.97806	51.41504	534.1699	523.6069	513.7997	-34.5881	132.1778	0.043677
512.3077	8.333427	39.86495	533.8944	524.2566	513.8965	-54.6099	49.62357	0.029155
512.4203	4.257045	35.48982	532.9334	524.5079	513.9701	-65.03	6.996721	0.015103
513.6173	68.11247	16.52284	535.1493	526.1989	514.1249	-22.8423	96.009	0.021634

516.4749	79.03627	26.90098	537.5425	528.0142	514.302	-15.0172	138.4965	0.027778
519.7728	79.34316	50.4686	539.316	529.5739	514.4202	-21.5983	114.1344	0.016692
524.5776	68.36643	75.4973	540.3328	530.7851	514.5075	-36.4659	97.14466	0.003049
528.005	10.76926	75.58195	539.4939	531.0884	514.5769	-72.2891	29.21262	-0.01176
525.5279	7.637775	52.82628	537.4086	530.707	514.6385	-92.8572	-50.4125	-0.01862
521.9406	20.04863	28.92449	535.0993	530.0915	514.6636	-80.9688	-108.363	-0.0379
514.3798	4.371877	12.81856	531.3013	528.6338	514.6628	-95.9837	-159.773	-0.05735
509.3587	19.3763	10.68609	528.2742	527.3739	514.6462	-82.9125	-170.527	-0.03898
499.2601	9.122634	14.59894	522.9162	524.8608	514.5605	-93.3599	-221.468	-0.06482
493.0771	31.12627	10.95694	519.6018	523.121	514.5	-81.1469	-177.072	-0.08398
486.2088	24.52385	19.87507	515.5286	520.8991	514.3373	-85.8419	-178.632	-0.10456
481.2073	28.14172	21.59092	512.1163	518.8583	514.2582	-85.5326	-136.529	-0.10148
474.5314	10.31746	27.93062	507.9678	516.3615	514.0979	-95.5932	-139.995	-0.11132
464.9247	6.806713	20.99434	503.1507	513.4204	513.8845	-97.5031	-142.11	-0.10885
462.8469	67.39495	15.08863	501.8218	512.0198	513.765	-74.7163	-99.7513	-0.05975
461.7883	45.88234	28.17304	499.7219	510.2534	513.6237	-82.215	-84.772	-0.06552
462.7606	60.51589	40.028	498.1889	508.7352	513.5339	-76.3749	-80.975	-0.04047
467.3009	95.82959	57.93106	498.5949	508.1494	513.458	-51.7792	-49.1168	-0.0211
470.8265	70.61685	67.40928	498.5383	507.4144	513.404	-52.7309	-40.3451	0.009686
473.5283	79.85686	75.65411	499.5763	507.2567	513.3764	-32.4044	-19.0428	0.007804
476.4543	84.20124	82.1011	501.2624	507.4996	513.3622	-10.9951	2.496272	0.035305
476.7952	57.11083	78.22498	501.9118	507.3503	513.3341	-23.5258	-10.9714	0.024597
477.7805	9.433922	73.72298	499.7143	505.8894	513.217	-67.8133	-55.9212	0.005105
477.1761	74.07706	50.24866	500.8571	505.9822	513.1516	-19.4104	-12.5986	0.063958
476.3333	93.68031	46.87394	503.1843	506.7231	513.1459	-4.84605	79.49511	0.04342
474.8813	94.15379	59.06377	506.1822	507.9044	513.178	-4.67065	162.3433	0.070668
475.1241	88.15253	87.30372	508.616	508.9486	513.2097	-9.94092	152.9401	0.065837
477.5773	91.55342	91.99554	510.9002	510.0238	513.234	-8.38713	144.3857	0.045196
481.8814	80.60356	91.28658	512.8253	511.0156	513.265	-12.605	138.8246	0.050552
482.9349	95.5014	86.76984	515.704	512.5357	513.3154	-1.82002	148.3479	0.051953
486.8374	51.41016	89.21946	516.8367	513.3158	513.3494	-19.6884	111.658	0.024545
490.4407	55.36488	75.83837	518.0505	514.161	513.3798	-16.2078	95.03345	0.038068
492.7268	49.67085	67.42548	519.1004	514.9546	513.3993	-15.8961	87.4976	0.076384
495.5246	25.89114	52.14863	519.6496	515.5261	513.4114	-20.5195	83.70238	0.030618
496.9811	17.25182	43.64229	519.5543	515.7857	513.4227	-28.1559	53.47885	0.005903
498.3055	23.91729	30.93794	519.527	516.0517	513.4369	-27.6006	47.95367	-0.0063
501.7924	33.71006	22.35342	519.702	516.3934	513.4569	-36.6154	46.93859	-0.00256
512.4901	61.95865	24.95973	520.4216	516.985	513.4784	-41.7949	69.58921	0.00175
516.5563	55.0513	39.862	520.7943	517.419	513.4996	-49.7438	61.63792	-0.00109
516.3829	91.67915	50.24	522.7479	518.6096	513.5715	-7.02628	111.7428	0.003681
515.982	67.54292	69.56303	524.302	519.6644	513.6728	-29.7382	138.909	0.018702
514.9574	85.05169	71.42445	526.3637	521.0006	513.7676	-11.8005	164.676	0.024731
515.2808	32.98969	81.42458	526.569	521.4967	513.8226	-52.8993	102.1527	0.005379
511.8277	17.45012	61.86143	524.308	520.7838	513.83	-82.5499	-107.165	-0.02066
506.4482	16.32545	45.16383	520.8938	519.401	513.7967	-83.6746	-256.37	-0.03259
504.2929	34.69828	22.25509	519.304	518.7461	513.7665	-65.3017	-200.038	-0.01698
500.3475	18.78856	22.82462	516.7816	517.5729	513.7323	-81.9504	-171.322	-0.0341

495.129	4.830961	23.27076	513.5918	515.9785	513.6845	-96.2526	-187.29	-0.05403
490.4713	10.32654	19.43927	510.6184	514.3701	513.6363	-94.1117	-187.243	-0.05466
485.9716	9.867735	11.31535	507.8701	512.7689	513.5832	-95.217	-160.737	-0.07636
480.0058	8.028132	8.341744	504.4244	510.747	513.4769	-95.5756	-158.911	-0.08891
473.3544	20.3322	9.407468	500.724	508.497	513.2201	-88.8199	-173.427	-0.10662
470.242	60.33669	12.74269	498.8844	507.0355	513.1294	-76.4341	-115.274	-0.07378
465.1571	31.89895	29.56567	496.1696	505.1246	513.0132	-87.5411	-115.323	-0.05985
461.3679	7.829522	37.52261	492.8743	502.8746	512.8887	-97.0345	-121.349	-0.0545
456.684	4.830118	33.35505	488.8819	500.2116	512.6771	-97.9302	-137.364	-0.08547
451.8535	11.71461	14.85286	483.2406	496.6562	512.3368	-92.5017	-165.948	-0.1008
449.2786	18.42387	8.124749	478.9473	493.5953	512.0778	-87.3861	-151.987	-0.08208
441.9375	7.209508	11.6562	473.5009	489.8879	511.6513	-95.3851	-153.401	-0.10262
437.7246	41.53454	12.44933	470.8584	487.4017	511.3713	-76.8142	-119.969	-0.07393
438.8338	93.89318	22.38931	470.3445	485.9289	511.2292	-53.6626	-87.558	-0.03698
437.7808	53.35029	47.54574	468.0885	483.6883	511.0425	-73.671	-95.3595	-0.0514
437.2849	68.70231	62.92601	466.8692	481.9457	510.9125	-65.2211	-86.3631	-0.05852
436.1888	19.77617	71.98193	464.786	479.8258	510.7269	-75.1281	-88.9165	-0.058
436.2958	24.28733	47.27626	462.9508	477.8282	510.3625	-76.0131	-82.9006	-0.04611
434.5653	23.35468	37.5886	460.2816	475.441	510.0559	-86.8683	-105.807	-0.04567
433.1397	46.27558	22.47273	458.8079	473.6085	509.8453	-75.1127	-95.0346	-0.00334
436.0744	57.00569	31.30586	457.9306	472.0897	509.5428	-63.9125	-79.1015	-0.0049
438.9825	94.80732	42.21198	459.238	471.6704	509.325	-9.29489	-21.2897	0.051591
440.7642	89.87819	66.02953	460.5309	471.372	509.2482	-10.1218	16.25528	0.024802
440.9717	97.7745	80.56373	462.3717	471.4553	509.1554	-2.13218	39.08369	0.010647
441.4436	60.15964	94.15334	462.5273	470.8573	509.0457	-35.2375	32.19781	0.016902
441.8088	87.13728	82.60411	464.2438	471.0668	508.8831	-8.53662	65.32783	0.029385
440.8449	68.28168	81.69047	467.868	472.3064	508.6222	-19.7506	210.4617	0.076045
437.8262	82.23511	71.85953	471.7576	473.8504	508.5404	-11.062	201.8157	0.088975
438.5855	41.60207	79.21802	472.6523	474.1261	508.4007	-36.3636	123.2709	0.07175
439.572	42.61971	64.03962	473.5656	474.4567	508.3298	-34.7144	96.73699	0.061872
440.9898	17.68454	55.48563	474.1859	474.6893	508.2341	-36.3234	99.50528	0.054056
442.678	71.83241	33.96877	476.5854	475.8073	508.1908	-16.9345	116.8314	0.050069
446.1926	51.87289	44.04555	477.7432	476.4224	508.1148	-27.7537	88.16164	0.035217
451.8317	68.69566	47.12995	479.0886	477.1681	508.065	-27.7268	95.96628	0.029614
457.3466	48.99417	64.13365	479.8346	477.6695	508.0175	-41.7959	63.98549	0.044359
462.5343	68.0195	56.52091	481.0679	478.4237	507.979	-31.5891	81.58594	0.029905
464.6393	73.88615	61.90311	482.7896	479.4485	507.8854	-20.0904	83.71406	0.009138
467.0289	51.3613	63.63327	483.553	480.0636	507.8555	-32.7793	72.84242	-0.01095
469.384	69.43074	64.42232	484.7552	480.9009	507.8099	-31.6317	70.53906	0.028884
472.4097	95.44164	64.89273	487.7765	482.6411	507.7768	-3.62534	140.5379	0.05392
470.4754	84.84666	72.07789	491.7732	484.9458	507.7771	-12.9931	191.8317	0.075707
467.2274	90.4647	83.23968	495.9056	487.4413	507.8112	-7.8646	241.8162	0.058907
467.6797	70.851	90.251	498.164	489.1556	507.8213	-25.421	182.9105	0.054686
469.8523	9.35673	82.05412	497.1908	489.3543	507.7584	-68.1319	65.22153	0.010996
471.9879	12.44931	56.89081	496.1615	489.4392	507.7175	-71.0989	5.080906	0.013561
474.0992	25.10155	30.88568	496.0031	489.8609	507.698	-60.8241	30.72058	0.014925
475.3381	47.48895	15.63586	496.9053	490.7503	507.6838	-45.8791	55.79705	0.01952

477.221	54.17441	28.3466	497.444	491.4656	507.6728	-51.4384	61.79108	0.025946
479.0784	93.14228	42.25497	499.1419	492.7259	507.6696	-32.6812	93.09756	0.034827
481.6125	75.90497	64.93521	500.5099	493.8599	507.6703	-35.3651	95.99202	0.007218
483.5823	66.46114	74.40722	501.4427	494.8016	507.67	-38.9258	83.78598	-0.01398
485.3396	85.14097	78.50279	502.975	496.0313	507.6759	-30.4465	96.61248	-0.01394
487.3991	87.08226	75.83569	505.5364	497.7789	507.7256	-7.98377	137.0001	0.017704
489.0933	42.82941	79.56146	506.7361	498.9312	507.7526	-34.7877	116.96	0.043706
488.251	67.06265	71.68421	508.837	500.5209	507.7717	-17.9835	109.5927	0.060941
487.6345	56.33979	65.65811	510.3862	501.8827	507.7906	-21.5212	111.8211	0.048017
488.2906	42.95375	55.41062	511.4836	503.041	507.8048	-24.8232	95.39719	0.031187
489.6057	34.95933	55.45206	512.1874	504.0053	507.817	-32.5424	73.65638	0.031278
492.7788	8.474567	44.75096	511.4113	504.2377	507.8228	-59.9144	30.21292	-0.00263
494.7677	2.981055	28.79588	509.3373	503.7704	507.8097	-97.3494	-75.414	-0.01989
496.8939	43.71208	15.47165	508.8396	503.9432	507.7941	-63.6364	-53.1868	-0.00093
497.7606	44.8434	18.38924	508.3538	504.072	507.7855	-64.8629	-40.8675	-0.01119
497.0268	23.11227	30.51218	507.0435	503.7583	507.7779	-81.8904	-29.7932	-0.03808
495.7602	31.28902	37.22259	506.1253	503.5595	507.764	-78.2828	-65.7493	-0.02388
495.8751	60.91473	33.08156	506.4343	503.8983	507.7612	-57.7201	-13.7382	-0.02356
496.0442	91.0772	38.43867	507.8158	504.7514	507.7755	-36.508	64.68176	-0.00673
493.7124	23.06848	61.09365	506.6036	504.3947	507.7579	-79.5674	-83.8403	-0.03398
491.9534	7.717085	58.35347	504.9529	503.7636	507.7292	-92.7084	-128.606	-0.03911
487.1481	9.360374	40.62092	502.4095	502.627	507.6699	-91.9083	-162.436	-0.03692
482.2357	3.23447	13.38198	499.2133	501.072	507.5511	-97.0334	-186.042	-0.03273
480.1389	26.96071	6.770643	497.3738	500.0486	507.5044	-83.0038	-149.605	-0.03724
475.9888	7.217566	13.18518	494.3694	498.404	507.4524	-95.8633	-161.371	-0.05505
469.9717	4.188102	12.47091	490.2385	496.1161	507.3369	-97.2504	-198.603	-0.06466
465.469	14.434	12.78879	487.0289	494.1354	507.2739	-92.6934	-176.725	-0.06326
460.8075	20.72917	8.613224	484.4883	492.3857	507.1744	-90.4967	-141.239	-0.07403
458.1912	32.15815	13.11709	482.7271	490.9528	507.1113	-85.5566	-119.438	-0.08221
456.9723	70.438	22.44044	481.5608	489.7819	507.0746	-81.4779	-96.6567	-0.04959
454.5414	41.26671	41.10844	479.9224	488.3841	507.0344	-89.6833	-98.6075	-0.05034
452.7064	52.99325	47.95429	478.8942	487.2622	506.9933	-80.9259	-91.3353	-0.03108
451.5888	17.96412	54.89932	477.266	485.8584	506.9438	-92.0405	-92.377	-0.02766
456.2032	35.76506	37.40803	476.0788	484.6503	506.8714	-85.8749	-80.6795	-0.03634
457.5081	27.16769	35.57414	474.8456	483.4217	506.8334	-87.1934	-83.0266	-0.02047
456.1597	7.597833	26.96562	471.9467	481.3906	506.7179	-95.1943	-118.705	-0.02463
450.9653	5.498866	23.51019	468.0612	478.8203	506.5191	-96.0429	-155.99	-0.04833
447.8135	26.94422	13.42146	465.8136	476.9411	506.3828	-75.1629	-135.261	-0.03627
448.4463	46.84254	13.34697	464.4985	475.4837	506.2841	-63.294	-123.832	-0.03335
446.6366	22.80699	26.42854	462.3342	473.6279	506.1706	-83.678	-148.427	-0.05202
444.7665	63.38802	32.19792	460.9867	472.1425	506.0879	-74.2984	-130.124	-0.03681
442.0724	20.16134	44.34585	459.1036	470.4095	505.9842	-88.7001	-134.687	-0.05176
441.811	91.63188	35.45212	459.6323	469.8266	505.7899	-45.8428	-51.9107	-0.01232
441.9271	85.64543	58.39374	460.9637	469.7125	505.71	-26.0016	16.38628	-0.00269
442.8546	72.78842	65.81288	461.5873	469.3647	505.6691	-36.3708	16.40232	-0.00651
442.6401	92.62286	83.35524	463.1056	469.5196	505.5993	-15.9466	47.22223	0.033889
443.3864	75.07888	83.68557	464.0054	469.4777	505.5602	-19.6517	52.78986	0.049842

443.1002	69.04279	80.16339	465.0907	469.5949	505.5132	-12.6036	44.16548	0.038831
443.3374	8.732319	78.91484	464.7555	469.0999	505.4141	-47.1959	33.77284	0.012348
444.3019	24.71037	50.95133	464.712	468.7571	505.3787	-44.3182	-0.52268	0.031174
444.9213	77.47744	34.16183	466.2372	469.1919	505.2955	-13.2576	71.47719	0.04641
447.4826	54.18284	36.97338	466.8382	469.2623	505.2278	-26.9696	68.64971	0.047682
448.7352	66.53795	52.12355	467.7124	469.5037	505.1863	-19.697	82.13942	0.021577
450.3252	51.33442	66.06607	467.7283	469.3787	505.1297	-34.0909	43.08197	-0.001
452.2184	11.79492	57.35173	466.3015	468.5695	505.0515	-74.0608	-19.4915	-0.01411
451.8854	2.821355	43.22243	464.0084	467.2974	504.9216	-97.6315	-68.0592	-0.04255
449.8529	3.291163	21.98356	461.2451	465.7233	504.7685	-97.1491	-114.639	-0.04885
443.2306	4.798411	5.969145	457.9163	463.7888	504.5548	-95.8383	-164.933	-0.06677
434.9977	4.548364	3.636976	453.6671	461.3079	504.3453	-96.5128	-190.628	-0.07046
421.4458	4.968629	4.212646	447.3664	457.7082	503.9983	-96.2923	-233.781	-0.11144
414.3162	22.63211	4.771801	443.2086	454.9403	503.8019	-85.2052	-185.49	-0.11438
407.7726	24.27986	10.71637	439.4733	452.2728	503.5749	-86.5807	-156.592	-0.10893
405.9389	65.03063	17.29354	438.1948	450.7091	503.3656	-67.8545	-105.886	-0.08753
403.6338	83.91476	37.3142	437.1815	449.2942	503.0599	-66.6281	-84.9215	-0.0774
401.2454	78.489	57.74175	436.3356	447.9897	502.9249	-66.5125	-71.004	-0.05839
401.6449	77.54456	75.81146	435.5856	446.7653	502.8284	-66.38	-66.5301	-0.04417
402.6428	93.46792	79.98277	436.0291	446.1507	502.7203	-50.3691	-41.7763	-0.01699
405.8935	92.45697	83.16716	437.4141	446.0678	502.552	-32.0791	-11.5308	0.012337
408.4709	10.43746	87.82315	435.8009	444.6501	502.2931	-62.7202	-47.4418	-0.00783
410.6782	23.26046	65.45411	434.9273	443.574	502.1405	-48.9227	-51.3474	0.042184
410.4722	3.095254	42.05163	432.4775	441.7539	501.791	-77.3764	-86.6253	-0.00318
410.9481	18.40122	12.26439	430.9341	440.3237	501.5113	-68.5678	-88.3702	0.008394
411.9725	45.24882	14.91898	430.9846	439.6525	501.3239	-49.8284	-44.5436	0.00023
412.6206	36.5632	22.24843	429.8195	438.4494	501.1211	-71.5855	-61.4652	-0.01899
414.5796	36.84213	33.40441	428.7155	437.2786	501.0243	-80.9955	-84.4613	-0.02094
414.5808	20.61394	39.55138	427.3585	435.9909	500.8904	-89.3666	-94.3839	-0.02681
415.2977	67.63695	31.33976	427.559	435.448	500.7292	-62.6697	-27.3619	-0.02237
415.2068	67.8571	41.69767	427.8887	435.0224	500.6089	-59.5023	19.32202	-0.03445
415.2085	85.40384	52.03599	428.5981	434.8356	500.519	-50.9804	45.4658	0.013052
415.1581	68.01248	73.63263	428.7718	434.4571	500.46	-59.4269	31.74946	-0.00092
414.5763	93.56432	73.75781	429.8216	434.5415	500.3764	-41.5536	73.92999	0.0396
414.4406	61.38428	82.32688	430.4623	434.5004	500.2827	-22.9935	82.53455	0.027319
417.6957	11.28194	74.32036	429.8348	433.8991	500.2106	-56.2907	-23.3684	-0.01131
417.5573	54.017	55.41018	430.2563	433.801	500.077	-29.1758	23.63216	0.021641
417.8584	73.43976	42.22774	431.3369	434.0587	499.9054	-19.7624	120.3733	0.03463
419.6081	40.49352	46.24623	431.3863	433.8809	499.7363	-44.2764	58.3772	0.028015
419.7849	9.579006	55.98342	430.6166	433.3255	499.6135	-67.2787	-29.0275	-0.00532
416.7492	6.740602	41.17076	428.1746	431.9491	499.289	-93.2594	-193.915	-0.03481
412.9009	6.971614	18.93771	425.392	430.3297	499.0567	-93.0284	-205.773	-0.05182
410.4303	13.80818	7.76374	423.2585	428.9367	498.9002	-86.5534	-180.979	-0.04236
408.6908	33.27434	9.173466	421.9447	427.8835	498.7205	-74.4218	-143.306	-0.04793
405.1583	17.94528	18.01804	419.8996	426.4589	498.5653	-91.0884	-139.058	-0.05838
400.1896	6.182746	21.67593	417.2014	424.6739	498.4059	-97.1934	-157.253	-0.05634
393.3546	21.70284	19.13412	413.3675	422.2745	498.0584	-88.4956	-209.65	-0.09315

385.4968	18.98474	15.27696	409.2587	419.6364	497.7534	-89.08	-188.554	-0.11576
377.6925	14.78366	15.62344	404.6122	416.6305	497.2777	-91.1511	-184.953	-0.12186
373.1069	25.11128	18.49041	401.2484	414.1206	497.0317	-85.7914	-140.262	-0.10234
368.0767	41.29034	19.62656	398.3601	411.7764	496.88	-86.0007	-126.93	-0.07781
363.3841	18.20272	27.06176	395.0551	409.1913	496.6339	-93.5246	-125.686	-0.08098
361.5534	16.6217	28.20145	392.1252	406.7335	496.4696	-93.9706	-119.346	-0.0863
360.01	10.25647	25.37159	389.3298	404.3055	496.2715	-95.8441	-108.981	-0.09829
357.9596	8.759039	15.02697	385.9129	401.551	496.0074	-95.8783	-118.866	-0.10163
353.9779	18.23345	11.87907	382.3626	398.6832	495.6757	-90.4336	-126.676	-0.09823
352.8771	67.23163	12.41632	381.2216	396.9249	495.4395	-68.9295	-92.1781	-0.04419
353.2795	82.76837	31.40804	380.8847	395.5995	495.1889	-60.1721	-65.3716	-0.01973
356.1165	78.89555	56.07782	380.2987	394.2274	495.0045	-48.849	-59.9935	-0.00523
358.8179	63.51084	76.29852	379.2085	392.6707	494.6986	-57.1238	-65.372	-0.02491
357.4523	12.33332	75.05825	375.6876	389.9782	494.3858	-90.5128	-123.572	-0.06838
358.8559	71.75001	51.5799	375.4249	388.7932	494.1136	-44.8077	-75.6977	-0.00769
359.26	83.74853	49.19805	377.3019	388.7067	493.6754	-16.2515	22.08171	0.03089
356.312	91.88789	55.94395	380.6314	389.465	493.2864	-8.11211	100.6658	0.066821
355.8092	75.56535	82.46214	382.1837	389.558	493.045	-24.4346	73.86985	0.064288
353.0942	95.88269	83.73392	385.9851	390.8421	492.701	-3.5242	148.8684	0.121425
350.4889	87.42142	87.77865	390.1161	392.4714	492.4056	-7.60454	216.6742	0.101057
347.7886	92.06057	86.28982	395.0556	394.6752	492.0939	-4.4558	200.7152	0.11395
349.1729	59.69695	91.78823	397.2006	395.7361	491.8244	-22.6191	154.3467	0.084658
352.693	36.12116	79.72632	397.5335	396.0049	491.626	-35.8504	72.47185	0.070073
356.7024	23.52946	62.62623	398.1162	396.3987	491.3599	-33.1633	70.51596	0.126286
358.8672	47.29408	39.78252	399.7637	397.3191	491.1571	-22.8572	82.7541	0.093173
360.9153	64.84992	35.64823	401.9883	398.5713	490.9676	-15.4422	92.07991	0.068617
364.3194	55.52515	45.22449	403.0591	399.34	490.7241	-25.5262	88.49972	0.025079
370.2366	46.57277	55.88972	403.6527	399.9013	490.601	-39.4211	64.39971	0.041453
381.5173	95.58972	55.64928	406.4601	401.5309	490.4438	-8.72734	97.04799	0.036884
388.9731	59.52969	65.89588	407.7536	402.5188	490.2988	-25.9394	89.89034	0.004919
388.7755	8.586924	67.23073	404.9427	401.5532	490.0023	-88.0606	-10.9213	-0.07754
384.5265	7.23428	54.56878	401.3642	400.0812	489.5387	-93.1507	-69.3863	-0.06679
378.7623	10.94923	25.11697	397.4674	398.3001	489.1883	-89.5469	-111.218	-0.05841
377.0274	48.04064	8.923479	397.0659	398.045	488.944	-55.2703	-42.4887	-0.01611
375.1236	61.79214	22.07472	396.7261	397.8089	488.6786	-53.3365	-34.7193	-0.03417
376.5562	92.25463	40.26067	397.2386	397.9755	488.3539	-43.468	-31.2083	-0.0342
376.9595	80.69009	67.36247	397.7219	398.1536	488.0087	-42.8572	-13.5738	-0.02095
375.6163	31.82717	78.24562	396.5954	397.5792	487.7814	-61.7951	-73.2327	-0.04059
372.1208	11.0147	68.25729	394.3772	396.4383	487.4786	-77.3966	-114.562	-0.09415
368.5981	8.585414	41.17732	392.1498	395.2132	487.2328	-81.7199	-126.96	-0.08429
369.3559	67.29355	17.14243	393.0006	395.3959	487.0303	-47.9793	-28.4048	0.021047
369.3751	97.61386	28.96455	395.7285	396.5319	486.8985	-20.9482	54.86251	0.076109
368.166	81.92092	57.83094	397.8652	397.5012	486.7671	-15.3436	82.28534	0.089305
368.8645	97.50422	82.27611	401.3992	399.2297	486.6347	-2.15616	108.9534	0.065793
370.0444	84.81538	92.34633	404.1799	400.7293	486.5011	-10.0498	114.9375	0.062343
369.2283	95.72523	88.08017	408.0568	402.8515	486.3816	-2.59377	129.995	0.073295
372.6565	23.94072	92.68161	408.815	403.6022	486.217	-33.2561	85.95311	0.031484

376.5758	14.65298	68.16044	408.3974	403.7873	486.0559	-46.1324	21.33697	0.040218
377.7247	54.24163	44.77298	409.8043	404.8061	485.9634	-24.7337	67.53971	0.092535
378.8921	46.87227	30.94511	410.6671	405.5918	485.884	-28.717	59.9729	0.093481
379.813	42.43469	38.58896	411.1723	406.211	485.8046	-31.4498	71.14366	0.040914
381.4983	82.41503	47.84953	412.419	407.1787	485.7395	-21.4914	90.00124	0.020802
384.2514	91.51831	57.24066	415.718	409.1553	485.5996	-5.20557	131.9722	0.05919
388.6123	95.12193	72.12268	420.3421	411.8678	485.4885	-4.00804	184.7979	0.05926
396.7529	63.71741	89.68509	422.544	413.5558	485.406	-28.5483	136.3101	0.036191
400.6101	29.83027	83.45255	423.1156	414.4968	485.3057	-46.843	84.8426	-0.00727
402.3256	47.93861	62.88987	424.4528	415.779	485.2245	-34.7545	86.59758	0.045574
403.3257	63.06122	47.1621	426.6586	417.4836	485.1387	-19.5359	107.6388	0.080498
403.8606	49.89994	46.94337	428.0717	418.8436	485.0478	-26.7486	120.5354	0.043832
403.8931	57.39992	53.63325	429.5531	420.2404	484.9939	-22.7443	97.69761	0.053654
405.0215	19.89999	56.78703	429.3779	420.8459	484.9281	-48.253	66.52407	0.034939
407.8442	64.20762	42.39995	430.7841	422.155	484.808	-23.6747	63.29568	0.045895
412.3687	48.45169	47.16918	431.3148	423.0497	484.726	-38.295	81.18397	0.000856
414.2946	24.72764	44.18643	430.6019	423.3186	484.6668	-69.292	14.38495	-0.04283
415.6889	18.32906	45.79565	428.9813	423.0779	484.5752	-84.1094	-52.9306	-0.03356
410.1901	4.122592	30.5028	424.703	421.4552	484.3755	-96.2531	-134.312	-0.05885
403.4187	19.35784	15.72643	420.9419	419.8849	484.1756	-82.1186	-168.329	-0.07307
392.8318	5.025889	13.9365	416.1021	417.6329	484.0009	-96.0729	-183.13	-0.11237
388.0429	17.65463	9.502106	412.6812	415.8725	483.8187	-88.9069	-148.528	-0.09631
380.3837	18.95527	14.01279	408.1255	413.4426	483.5667	-88.2038	-173.406	-0.12482
373.1361	34.0136	13.8786	404.2516	411.1835	483.2651	-86.8291	-155.544	-0.10613
364.3334	5.23849	23.54116	399.4992	408.3818	483.0828	-98.069	-143.078	-0.14859
361.7879	61.36574	19.40245	397.7639	406.8884	482.9695	-77.3793	-98.8989	-0.10597
357.7067	35.98969	33.53927	394.8631	404.8158	482.7452	-90.3448	-102.087	-0.11196
357.2477	78.3047	34.19797	393.4181	403.3828	482.5356	-81.2069	-87.0779	-0.08236
356.6256	80.33467	58.55338	393.7767	402.8173	482.3522	-62.2048	-37.1282	-0.01352
360.0965	95.23425	64.87635	395.0745	402.7725	482.1816	-43.5245	-29.4725	0.004888
364.3896	86.67204	84.62454	395.7688	402.5366	482.0625	-42.9083	-24.3316	0.025943
368.4128	85.39161	87.41365	396.5887	402.43	481.9345	-14.1605	-11.4318	0.01836
372.31	14.24057	89.0993	394.924	401.1958	481.7488	-59.343	-53.4727	0.007047
369.6205	4.491068	62.10141	391.7514	399.2037	481.5086	-93.1387	-105.975	-0.02257
363.7211	3.664888	34.70775	386.918	396.3245	481.2426	-96.3351	-149.188	-0.03489
360.0979	21.62441	7.46551	383.956	394.2015	480.9693	-78.3756	-147.545	-0.05295
358.0405	24.10616	9.926789	381.4192	392.2212	480.7011	-78.7817	-123.611	-0.0302
356.5751	59.61142	16.46515	379.9013	390.6902	480.3682	-70.4061	-115.512	-0.03611
352.6381	4.511868	35.114	376.4605	388.2343	480.0996	-95.4881	-52.7351	-0.09656
349.95	15.56583	29.40982	374.5739	386.4539	479.8515	-84.4342	-137.463	-0.09451
345.69	3.138886	26.56304	371.3126	384.0036	479.5501	-96.8611	-144.403	-0.11565
344.4302	28.65583	7.738861	371.1858	383.0025	479.3235	-71.3442	-76.3682	-0.07632
343.139	33.49337	15.78685	371.5775	382.3158	479.1099	-66.5066	-45.139	-0.0312
342.4419	61.43684	21.7627	371.288	381.381	478.9455	-72.5258	-31.2167	-0.01231
344.5902	85.54912	41.19535	372.1556	381.051	478.8368	-61.743	-16.9047	0.046048
346.7374	64.50588	60.15978	372.2839	380.4539	478.6955	-67.6144	-21.1225	0.014482
352.0541	16.46269	70.49728	371.3256	379.3873	478.5588	-77.9542	-51.1673	-0.00384

351.3754	7.514014	55.5059	368.4459	377.4036	478.2669	-96.5793	-116.597	-0.05099
346.7154	4.956073	29.4942	364.5652	374.8716	477.8853	-97.4614	-164.378	-0.04004
344.1194	23.78909	9.644258	362.3179	373.0262	477.6406	-87.6786	-155.725	-0.0391
343.4796	52.55777	12.08639	361.7956	371.9815	477.3946	-76.1829	-91.1394	0.015698
341.9762	55.93055	27.10098	360.7059	370.7023	477.1724	-64.8911	-92.3894	-0.04258
340.3397	28.19632	44.09247	358.5151	368.907	476.8073	-85.0484	-133.192	-0.07296
339.5968	69.40637	45.56155	358.0368	367.9069	476.5557	-63.1962	-88.2604	-0.03865
154.1416	0	51.17775	302.9542	340.6546	476.5557	-100	-686.344	-1
152.7455	96.62083	32.53423	310.1627	341.3327	476.3272	-8.24943	11.16773	-0.06215
152.3697	99.62111	55.3424	318.5444	343.0594	476.1036	-4.22792	32.74346	-0.00386
152.6038	99.36919	65.41398	326.5548	345.1003	475.88	-2.66034	47.72036	0.051061
151.9741	97.86189	98.53705	332.4679	346.5737	475.7281	-2.84772	45.02316	0.063425
151.9735	58.06134	98.95073	337.0827	347.7508	475.5056	-2.8154	41.42876	0.035737
151.9238	4.64289	85.09747	339.5512	348.149	475.2972	-5.31872	23.19263	-0.01615
152.9153	73.92858	53.52204	343.8573	349.5855	475.0496	-1.45418	38.97149	0.036166
154.2228	89.4018	45.54427	350.3737	352.2987	474.6918	-1.0344	78.33176	0.114725
155.0341	87.87526	55.99109	356.3372	355.0274	474.4956	-1.29405	88.97451	0.094906
155.4806	91.74161	83.73521	361.9167	357.8108	474.238	-0.91875	87.58038	#DIV/0!
156.4804	66.13099	89.67289	365.0299	359.6139	473.9838	-3.55624	67.60976	0.09246
158.1322	63.72763	81.91596	368.5938	361.7311	473.798	-2.03125	78.25797	0.064588
159.2649	79.7992	73.86675	372.1581	363.9556	473.6648	-9.27724	81.25866	0.057067
186.045	89.68364	69.88594	377.4181	367.0958	473.5025	-6.41573	98.82381	0.113313
347.1707	54.40161	77.73683	379.9143	369.0623	473.3485	-28.3576	80.52697	0.086021
351.0059	81.21736	74.62815	383.7296	371.7031	473.1641	-9.23868	84.11302	0.146083
351.8543	94.53118	75.10087	388.0324	374.6657	473.0643	-2.27645	88.70905	0.12014
353.5636	73.36629	76.71672	391.5246	377.3372	472.9402	-10.2126	86.89832	0.063482
356.7977	91.28709	83.03828	395.1691	380.1429	472.8243	-3.47279	80.43864	0.067015
362.784	65.69652	86.39486	397.8491	382.5463	472.727	-17.4973	140.3743	0.050905
372.1149	78.00269	76.7833	400.9969	385.1955	472.618	-8.35899	123.6279	0.094615
376.952	87.15596	78.32877	404.7158	388.1565	472.5449	-5.75343	135.0399	0.095247
378.8285	77.87973	76.95172	407.5159	390.7313	472.4553	-9.90867	112.7162	0.079525
381.1664	47.16759	81.01279	409.0774	392.7265	472.3808	-22.7465	94.23749	0.027852
384.0769	49.26124	70.73443	410.8559	394.794	472.3069	-18.8644	93.62154	0.068575
389.7969	40.82406	58.10286	412.3342	396.6955	472.2406	-21.7931	90.80933	0.038918
394.8638	13.40791	45.75097	412.6515	398.0067	472.0782	-38.6896	68.76397	0.006557
397.0885	14.27258	34.49774	411.076	398.3329	471.9027	-82.5435	-9.18783	-0.02026
397.7905	24.95376	22.83485	410.181	398.8459	471.6804	-77.5	-9.40529	-0.02398
402.2459	75.14513	17.54475	411.3554	400.251	471.4856	-35.2499	40.5775	0.012665
403.3802	54.45928	38.12382	411.5757	401.1796	471.3572	-52.1666	54.45643	-0.0132
403.8911	66.22399	51.51939	412.2345	402.2669	471.2587	-41.8333	42.07178	-0.0219
402.5515	20.65679	65.27613	411.2946	402.5527	471.1509	-74.5833	-32.7163	-0.0397
394.4796	17.49047	47.11335	407.5656	401.4048	470.9483	-83.7947	-199.505	-0.07329
390.5722	33.8403	34.79041	405.5571	400.8941	470.7845	-67.0545	-166.998	-0.06211
389.3473	65.52334	23.99585	405.7055	401.311	470.617	-40.8436	-66.0465	-0.03316
388.7137	59.72496	38.95137	405.0843	401.3374	470.5351	-51.2039	-94.8622	-0.03072
388.7537	77.93766	53.02954	404.7987	401.4774	470.4564	-47.0396	-75.7274	0.002031
173.4646	0	67.72866	342.522	371.7384	470.4564	-100	-684.173	-1

172.5884	96.32806	45.88754	350.5964	373.4619	470.3691	-6.98624	10.87465	-0.05459
171.6343	94.85159	58.08857	355.8322	374.2891	470.1115	-9.42967	-0.49617	-0.06821
170.853	93.12959	63.72655	359.1385	374.5138	469.8766	-11.15	-17.2343	-0.09266
169.7768	95.06142	94.76975	362.8506	375.1622	469.7419	-9.75041	-4.49912	-0.05628
168.547	75.47619	94.34753	367.8776	376.6706	469.6379	-6.04188	15.12352	0.021882
168.6989	97.18114	87.88906	373.7618	378.8525	469.5421	-2.58406	35.54163	0.029441
168.2754	80.37978	89.23958	378.3255	380.6727	469.4392	-1.86747	38.93902	-0.00761
168.4575	45.14797	84.3457	380.8269	381.7032	469.3094	-4.01807	29.04119	-0.01763
168.9575	7.98087	74.2363	381.0919	381.7659	469.1212	-6.94578	9.58826	-0.05128
167.727	5.06974	44.50287	380.0015	381.191	468.9909	-9.02409	-2.47507	#DIV/0!
166.0645	12.86073	19.39953	379.4943	380.8586	468.9039	-8.36747	-3.58648	-0.04633
165.5654	25.03524	8.637112	379.6365	380.8261	468.79	-7.46386	5.446534	-0.01095
163.8513	6.620988	14.3219	377.3413	379.6329	468.5321	-95.5612	-7.94604	-0.03341
191.3961	23.6274	14.83898	375.986	378.8106	468.2924	-87.7041	-6.2667	-0.03845
356.3141	6.666736	18.42788	373.7762	377.5373	468.0772	-96.9903	-11.4154	-0.08572
353.5251	12.29334	12.30504	371.9787	376.3933	467.8229	-94.328	-10.6889	-0.10842
350.3062	10.2061	14.19583	370.0501	375.1377	467.6512	-95.2511	-11.8081	-0.10902
346.834	21.111	9.722059	368.3382	373.9366	467.4209	-94.0625	-10.7789	-0.09038
345.1153	93.14292	14.53681	368.8671	373.7765	467.2702	-70.8929	10.27005	-0.02816
343.5069	64.42862	41.48667	368.5488	373.2596	467.1725	-78.1492	25.28765	-0.01927
346.2467	77.28279	59.56084	369.2053	373.2268	467.0279	-56.4617	-34.4614	-0.01032
350.4474	64.5879	78.28478	369.3265	372.9872	466.9284	-55.3847	-40.7305	-0.02741
354.1838	42.0391	68.76644	369.0594	372.5875	466.8288	-56.4865	-55.967	0.007877
355.6869	29.6875	61.30327	368.8715	372.2357	466.7562	-55.5856	-49.8331	-0.00188
354.6314	10.92902	45.43817	367.7715	371.4568	466.6076	-76.9878	-78.7053	0.000274
354.8021	55.37464	27.55187	367.8313	371.2126	466.505	-43.6526	-50.9506	0.016757
357.4724	70.72816	31.99705	368.5106	371.2892	466.3874	-25.2785	-7.46835	0.035621
357.418	61.06431	45.67727	368.8224	371.2335	466.2986	-32.9622	-16.9762	0.03236
357.9133	56.30246	62.38904	368.9568	371.1196	466.1822	-36.7484	10.32796	-0.0056
358.7632	53.31018	62.69831	369.2381	371.0949	466.0584	-31.8485	43.25504	0.01087
359.7785	21.73068	56.89231	368.9465	370.8169	465.9032	-58.0601	10.74211	-0.01468
360.5828	9.895834	43.7811	367.8769	370.1634	465.7703	-87.5684	-95.7602	-0.02162
361.4021	37.11659	28.31223	367.387	369.7582	465.5762	-68.7338	-55.2629	-0.00788
361.1868	34.44095	22.91437	366.8811	369.3389	465.4287	-70.2351	-68.4157	-0.01017
360.4446	41.72192	27.15113	366.5445	368.9948	465.3103	-67.1018	-39.6483	0.008216
360.9068	84.38738	37.75982	366.9264	368.9972	465.1828	-44.2558	22.61867	0.002354
361.059	72.33205	53.51675	367.0172	368.8875	465.0776	-52.2193	12.32744	-0.01271
361.0774	84.58489	66.14712	367.3302	368.8997	464.9765	-44.1254	26.59633	-0.00401
361.5317	66.38107	80.43477	367.4769	368.8541	464.8733	-48.1724	34.48841	-0.00382
362.0753	29.4946	74.43267	367.243	368.6394	464.803	-54.2296	-40.2634	-0.01302
359.9687	15.13621	60.15352	366.1001	367.9857	464.6564	-87.2125	-166.121	-0.02049
356.9137	22.89409	37.00396	364.3139	366.986	464.4659	-79.4972	-277.283	-0.02073
353.1544	17.84352	22.5083	362.2424	365.7907	464.3012	-82.969	-243.876	-0.03796
347.7092	7.584256	18.62461	359.48	364.1978	464.1388	-93.2892	-253.012	-0.05441
343.8881	7.280139	16.10729	357.0701	362.688	463.9889	-94.0838	-196.388	-0.05725
341.3504	26.40962	10.90264	355.2634	361.402	463.8539	-85.8953	-166.831	-0.06422
336.3793	6.815374	13.758	352.5231	359.6279	463.6668	-96.2251	-170.529	-0.08181

332.5593	22.01173	13.50171	350.231	357.998	463.4936	-90.2328	-157.915	-0.08516
328.5778	8.628009	18.41224	347.8687	356.2852	463.3463	-96.1072	-144.655	-0.09071
326.0989	40.4007	12.48504	346.5594	355.0314	463.1822	-84.5565	-108.419	-0.07268
325.2503	52.10098	23.68015	345.7106	353.9952	463.0746	-80.2169	-90.3393	-0.05217
325.1021	81.19346	33.7099	345.522	353.2907	462.9716	-68.5574	-60.8129	-0.02822
325.7382	57.21085	57.89838	345.0271	352.4769	462.8427	-73.0395	-53.7906	-0.02435
327.0737	40.03368	63.50176	344.2845	351.5676	462.7251	-71.808	-75.2309	-0.01187
329.9962	68.58099	59.47933	344.3001	351.0356	462.6198	-51.4722	-46.3903	0.001657
332.2729	46.50709	55.27517	344.0008	350.3925	462.4835	-48.6562	-49.992	-0.00861
333.789	88.22356	51.70725	344.5439	350.1806	462.3733	-19.0947	-20.7743	0.029869
334.8126	73.719	67.77055	345.0186	349.9916	462.2292	-21.6327	2.853895	0.029634
334.3404	85.02086	69.48322	345.7556	349.9781	462.0821	-9.66001	16.00651	0.044594
333.938	49.78587	82.32114	346.3297	349.9417	461.7106	-41.875	50.09436	0.029848
334.0135	14.11763	69.50858	345.2648	349.1614	461.5319	-78.2143	-47.8454	-0.00479
334.8306	34.77084	49.64145	344.9352	348.7141	461.388	-65.2292	-65.7738	-0.00395
335.9153	52.38096	32.89144	345.4031	348.6595	461.2618	-47.619	78.78826	0.016568
336.7066	76.37023	33.75648	346.8163	349.0987	461.0508	-23.6298	162.6015	0.042295
336.4354	81.79489	54.50734	348.4198	349.7017	460.8124	-18.2051	224.5894	0.037322
335.4702	96.23935	70.18202	350.4204	350.57	460.705	-3.76065	188.3996	0.0557
335.6774	65.73848	84.80149	351.5456	351.1007	460.6215	-22.4603	166.0792	0.029359
336.5371	64.51181	81.25757	352.551	351.6177	460.5192	-21.3492	125.5725	0.030063
337.9864	16.59759	75.49655	352.895	351.8525	460.4328	-31.9047	96.64986	0.01423
339.1215	20.90731	48.9493	353.1899	352.0717	460.3675	-31.8254	77.89088	0.015235
340.1953	61.93299	34.00557	354.2319	352.6562	460.2845	-15.3175	114.9745	0.060562
340.932	33.47556	33.14596	354.5154	352.9094	460.1995	-27.7778	84.30028	0.037748
340.9162	93.12165	38.77195	356.1688	353.8245	460.1365	-2.95457	120.251	0.049676
341.1406	82.60195	62.8434	357.5641	354.6699	460.0561	-7.97984	142.0642	0.030032
342.6303	25.4992	69.73306	357.3197	354.7666	459.8649	-50.6792	48.60137	-0.00354
345.9985	18.90869	67.07427	356.5262	354.5737	459.695	-71.8785	-17.2537	-0.02563
348.8726	32.10669	42.33661	356.251	354.5858	459.5997	-67.8933	19.19247	-0.00838
350.5897	50.63459	25.50486	356.5744	354.8649	459.4649	-49.3654	40.06043	0.000761
350.8306	62.23331	33.88332	356.7719	355.0866	459.4011	-51.9035	51.03088	0.008656
350.4579	62.76384	48.32486	356.7408	355.1965	459.3019	-58.5025	33.87359	0.004956
350.2497	89.44635	58.54391	358.0824	355.9568	459.1712	-12.9442	134.5205	0.015273
350.0346	86.76759	71.48117	359.1832	356.6443	459.1185	-14.0862	158.2968	0.025734
350.2554	75.76922	79.65926	360.0347	357.2423	459.0395	-16.7513	155.3482	-0.00149
350.9433	67.69238	83.99439	360.5952	357.719	458.967	-22.0812	110.5918	-0.00427
351.2897	77.49289	76.74306	361.4085	358.3237	458.9075	-10.7868	118.3854	0.027828
351.6979	43.47832	73.6515	361.8033	358.7423	458.8358	-20.5583	72.96934	0.033544
351.8099	34.44114	62.88786	361.905	359.018	458.7743	-27.7493	36.8905	0.021782
351.7415	83.4354	51.80412	362.593	359.5631	458.729	-7.54476	89.74213	0.022391
352.2047	17.8924	53.78495	362.1046	359.5524	458.6339	-55.4648	7.113303	0.00436
352.7249	16.4657	45.25631	361.3522	359.3791	458.5518	-76.0639	-45.9593	0.001806
353.6343	12.96305	39.2645	360.5098	359.1197	458.4579	-87.3417	-71.0219	-0.02622
353.9076	19.81494	15.77371	359.938	358.9474	458.3976	-80.6509	-68.9784	-0.02312
353.5188	20.13909	16.41456	359.3779	358.7511	458.3045	-84.2675	-52.8805	-0.02309
352.8454	20.45433	17.63902	358.6335	358.4391	458.233	-88.1774	-90.9766	-0.02513

352.814	88.13537	20.13612	358.918	358.5905	458.1396	-48.7685	-8.74266	-0.01476
352.4724	59.03945	42.9096	358.7664	358.5417	458.0394	-65.3974	-34.8248	-0.0166
351.9384	38.41802	55.87638	358.3599	358.3627	457.9556	-77.4835	-75.8565	-0.01749
351.9736	69.49149	61.86428	358.4351	358.3986	457.891	-58.7248	-39.4373	-0.02055
351.4149	40.00021	55.64966	358.0986	358.2393	457.8193	-76.2143	-83.1442	-0.00882
350.5673	15.76563	49.30324	357.1205	357.758	457.7011	-90.0991	-131.517	-0.01532
350.8355	71.03941	41.75245	357.1196	357.7103	457.5924	-52.0869	-49.2527	0.003479
350.6605	91.25256	42.26842	357.7742	357.9818	457.5381	-8.74744	17.90572	0.012841
350.5787	93.66292	59.35254	359.3949	358.7467	457.4381	-6.33708	113.2338	0.033711
349.3255	90.62149	85.3183	361.0063	359.5706	457.3361	-9.37851	180.1036	0.043238
349.3539	67.33818	91.84565	361.8212	360.0693	457.2786	-25.6497	133.1238	0.016145
349.4545	72.07356	83.8742	362.7393	360.6411	457.1993	-18.8701	117.8897	0.027538
344.5748	95.10234	76.67774	366.8308	362.7665	456.98	-4.04834	293.6135	0.093255
343.124	81.34555	78.17136	370.1177	364.6501	456.8739	-13.6618	261.848	0.08178
342.1455	88.02048	82.84048	373.4361	366.6529	456.7787	-8.87925	217.6245	0.099479
342.6206	72.46169	88.15612	375.4324	368.1165	456.7096	-20.4115	159.9674	0.098571
343.9286	66.83028	80.60924	377.2702	369.5433	456.6507	-18.2999	128.9256	0.084743
345.6356	56.33803	75.77082	379.2863	371.0864	456.6176	-11.7488	120.8179	0.080249
347.2796	91.20285	65.21	381.8608	372.9334	456.5362	-2.85382	126.5331	0.075242
349.5649	88.05029	71.45706	385.3043	375.2526	456.4436	-5.65197	142.1031	0.092936
353.9377	82.66013	78.53039	388.2141	377.3983	456.3849	-8.46966	130.1817	0.103509
358.3057	76.54187	87.30443	390.5354	379.3171	456.3397	-11.2877	115.5121	0.096559
362.6705	54.88138	82.41743	392.008	380.8571	456.3015	-18.124	92.49158	0.02767
366.3533	17.72674	71.36113	392.2406	381.7951	456.2214	-32.2204	63.32175	0.013716
370.1196	7.359374	49.71667	391.4925	382.2086	456.1413	-55.6929	32.85197	-0.011
375.8389	19.13719	26.65583	391.2596	382.7842	456.0943	-73.9901	38.47036	0.009229
381.4685	31.52906	14.7411	391.2796	383.4216	456.0488	-68.3744	29.49487	0.010357
381.2003	10.95882	19.34188	390.6832	383.7165	456.0027	-84.2365	21.03554	-0.00761
380.919	51.21106	20.54169	390.2738	384.0354	455.8554	-73.7123	-7.98635	-0.0202
378.6723	10.63209	31.23298	388.6319	383.707	455.77	-94.0515	-65.6149	-0.06096
376.4833	8.010609	24.26732	386.9874	383.28	455.7109	-95.374	-113.964	-0.065
376.072	52.20288	23.28459	386.857	383.4919	455.6615	-69.8535	-79.793	-0.04255
374.3099	34.90571	23.61519	386.1028	383.378	455.586	-82.8835	-100.895	-0.04537
371.974	33.47032	31.7064	385.2398	383.1643	455.5551	-87.2357	-108.494	-0.0331
372.7074	86.96848	40.19297	386.3041	383.8305	455.4853	-42.8314	1.463939	0.012339
165.4019	0	51.7815	326.8727	355.3986	455.4853	-100	-681.83	-1
165.3817	98.5934	40.14627	336.9394	358.1325	455.4431	-1.4066	39.25099	0.002341
165.6514	98.46269	61.85396	345.3774	360.6254	455.3749	-1.53731	34.58811	0.011315
166.1363	99.34649	65.68536	353.0582	363.1941	455.3379	-0.65351	39.6025	0.018764
166.2065	98.84354	98.80086	359.6374	365.611	455.2846	-1.15646	44.3525	0.042732
166.5335	93.67991	98.88424	368.4506	369.4119	455.1636	-0.46708	72.78706	0.103139
167.1428	92.02234	97.28998	378.3463	374.1053	455.0807	-0.89043	102.7953	0.120767
167.8529	71.78514	94.8486	385.3366	377.7851	455.042	-2.94918	93.09948	0.109512
169.2081	43.75711	85.82913	389.4911	380.3449	454.9939	-5.56942	69.42997	0.083702
170.7349	56.55794	69.1882	394.3629	383.368	454.8942	-3.55036	74.78291	0.07395
171.7168	15.18284	57.36673	397.4222	385.6555	454.8511	-5.13271	69.17138	#DIV/0!
173.1994	25.19169	38.4993	400.27	387.8982	454.8091	-4.74705	62.96915	0.060223

174.9029	55.83766	32.31082	403.0606	390.1583	454.7614	-4.1799	63.99344	0.067952
175.676	16.69156	32.07073	404.2865	391.7042	454.6647	-52.5914	53.66057	0.039782
204.7013	38.59906	32.57364	405.8838	393.4053	454.623	-45.122	55.0276	0.047613
389.1025	36.34583	37.04276	406.9535	394.8447	454.5958	-52.1975	48.0113	-0.0098
393.1094	74.82888	30.54548	408.8187	396.6397	454.5353	-40.6644	52.45631	-0.03165
397.8923	82.68398	49.92459	410.9152	398.5513	454.5049	-39.8334	56.70996	-0.00316
402.7141	97.66211	64.61956	413.0625	400.501	454.4358	-11.9448	12.07329	0.03039
405.0151	76.28721	85.05832	411.9533	400.8975	454.3672	-28.4521	34.48793	-0.03634
401.174	74.00501	85.54443	410.7024	401.1141	454.3241	-25.995	46.69846	-0.02517
401.1697	74.39466	82.65144	409.6972	401.3404	454.2883	-25.6053	-54.7062	-0.02828
400.9296	76.59337	74.89563	409.1477	401.6948	454.2438	-23.4066	-57.4002	-0.02936
399.1966	24.39017	74.99768	408.6027	401.9845	454.2054	-23.9911	-55.1035	-0.0132
399.1316	69.55567	58.4594	408.4578	402.4049	454.1665	-21.681	-49.9026	-0.0169
397.3022	15.51456	56.8464	407.5275	402.4054	454.0869	-27.5814	-69.7935	-0.02525
394.7376	9.375067	36.4868	406.184	402.1379	454.0022	-31.6449	-132.792	-0.0484
394.1274	33.2945	31.48177	405.5158	402.1159	453.8948	-28.2216	-118.391	-0.04877
391.855	13.50409	19.39471	404.3027	401.7837	453.8421	-32.953	-115.8	-0.06412
391.4262	49.53371	18.72455	404.2517	401.9457	453.7852	-25.828	-90.4005	-0.00464
390.067	71.01183	32.11077	403.7779	401.8884	453.7477	-28.973	-74.9318	-0.00656
389.7161	69.25931	44.68321	403.4113	401.8519	453.6782	-70.2466	-57.9303	-0.00686
390.898	72.22225	63.26828	403.1621	401.8474	453.6348	-59.5855	-69.1878	-0.01067
396.5612	42.77773	70.83113	402.3454	401.5516	453.5964	-76.0622	-87.1821	-0.01911
396.2042	36.23186	61.41976	401.8259	401.3602	453.5574	-71.399	-90.0439	-0.02132
395.8368	61.33345	50.41061	401.5081	401.2417	453.4799	-64.0975	-95.9308	-0.00658
395.4778	73.47318	46.78101	401.3041	401.1632	453.4343	-62.4391	-50.5767	0.003478
395.4305	66.60302	57.01283	400.9942	401.0245	453.4138	-65.9512	-73.5614	-0.00635
395.238	63.93128	67.13655	400.6787	400.8703	453.3498	-44.1666	-84.2329	0.003301
395.9757	46.37397	68.00249	400.0612	400.5588	453.3062	-59.5	-109.489	-0.01808
395.0297	27.23665	58.96942	399.2149	400.1144	453.2513	-73.6667	-168.704	-0.01648
392.2019	11.06475	45.8473	397.8167	399.3746	453.2034	-92.1365	-180.264	-0.02807
171.3083	0	28.22512	336.6142	369.7913	453.2034	-100	-687.987	-1
170.5172	97.6841	12.76713	344.7707	371.261	453.143	-3.91474	15.41395	-0.02067
170.1398	97.64779	36.24961	351.5162	372.5466	453.0695	-3.71825	15.72569	-0.02595
169.4157	96.47169	65.11063	356.5038	373.3902	452.9985	-4.8779	14.14035	-0.03959
168.6802	97.68498	97.26786	360.6593	374.1402	452.8899	-4.9822	8.720627	-0.04165
168.045	12.77963	97.26815	363.4935	374.5062	452.84	-6.0805	8.713432	-0.05061
167.3429	32.01273	68.97876	366.3375	375.0598	452.7942	-5.36262	9.804568	-0.04252
166.5292	15.0556	47.49244	368.3362	375.376	452.7379	-5.32789	9.887276	-0.0437
165.9444	64.541	19.94932	370.6295	375.9587	452.6992	-4.1677	15.98184	-0.02868
165.4701	64.0308	37.20311	372.5623	376.4946	452.6761	-3.93021	20.23306	-0.01777
165.2413	95.53885	47.8758	375.1998	377.4732	452.6245	-2.07841	29.1324	#DIV/0!
165.3257	86.61969	74.70355	378.3078	378.8012	452.5397	-0.70896	40.81115	0.01481
165.388	65.95244	82.06311	380.5872	379.8622	452.4626	-1.7698	43.21164	0.011598
165.7882	89.18913	82.70366	383.3007	381.2224	452.4202	-8.52882	46.08729	0.037219
194.0209	98.06578	80.58709	387.1741	383.2413	452.3678	-1.54798	62.59256	0.065091
370.5578	91.73562	84.40245	391.0536	385.4006	452.327	-5.92099	71.77844	0.087868
368.1696	96.52405	92.99684	395.1974	387.8144	452.2953	-2.3009	76.59142	0.094269

368.0854	74.81238	95.44181	397.9949	389.7083	452.2596	-17.0429	75.62549	0.08977
369.2831	51.02981	87.69068	399.882	391.2307	452.2348	-24.1535	65.67975	0.070501
371.4891	15.767	74.12208	400.8502	392.3377	452.1828	-33.5787	59.72809	0.059975
374.3973	51.42053	47.20306	402.6257	393.8231	452.1521	-20.4301	121.5187	0.058211
377.6243	56.1079	39.40578	404.2538	395.2591	452.1196	-19.6315	99.36149	0.045033
381.8774	76.62532	41.09848	406.0124	396.7721	452.0956	-13.8045	95.35489	0.057389
386.3152	60.83581	61.38458	407.1118	397.9859	452.0757	-23.1917	82.33813	0.0375
391.4978	43.89789	64.52301	407.8325	399.0089	452.0525	-30.5254	66.33225	0.008124
395.3665	64.90386	60.45301	409.0596	400.2533	452.0294	-17.0141	78.02998	0.008287
398.6634	56.97109	56.54585	409.9722	401.345	452.0032	-27.1167	67.45089	-0.00717
403.1659	13.73876	55.25761	409.7842	401.8936	451.9744	-69.4602	37.00979	-0.0112
405.6252	18.57927	45.20457	409.2785	402.2346	451.9557	-82.3863	9.632595	-0.00918
405.6679	46.08366	29.76304	409.4258	402.8273	451.9382	-60.9376	35.08037	0.009999
403.8259	9.68335	26.1339	408.7466	402.989	451.8858	-90.093	-13.1159	-0.0179
404.3894	81.39147	24.78209	409.8902	403.9661	451.8461	-20.2787	71.77115	0.007192
404.5183	70.46109	45.71949	410.8045	404.8452	451.8216	-29.5389	123.3948	0.000357
404.9431	73.77527	53.8453	411.6658	405.7013	451.8045	-26.2247	125.8912	0.007852
405.2566	80.3178	75.20928	412.9471	406.76	451.7741	-19.6822	176.2093	0.019906
403.7977	96.90972	74.85139	415.0066	408.2099	451.7394	-2.66528	211.0858	0.025313
402.7702	90.10812	83.6676	416.833	409.5928	451.7148	-5.55544	208.7606	0.028645
402.6873	54.85889	89.11188	417.9785	410.6806	451.6863	-25.7603	170.2333	0.037988
403.1191	28.471	80.62558	418.4943	411.4695	451.6567	-36.4042	103.2274	0.036493
403.4381	30.68199	57.81267	419.0869	412.2753	451.6214	-32.737	103.2855	0.02952
403.7118	12.70836	38.00396	419.3865	412.9241	451.6018	-37.4776	79.52602	0.039562
404.2624	10.5036	23.95379	418.8665	413.1524	451.5822	-55.635	13.90554	-0.00042
405.9391	47.88125	17.96465	419.0095	413.6445	451.5659	-41.9499	33.9152	0.009529
408.1432	46.18634	23.69774	419.1	414.0855	451.5416	-48.2305	25.83965	0.007672
410.0293	72.43862	34.85706	420.2586	415.0148	451.5054	-27.7698	111.2128	0.015803
410.2485	93.80454	55.50207	423.4221	416.9264	451.4816	-6.19546	210.9859	0.033982
408.1433	95.76597	70.80984	426.8762	419.0706	451.4694	-4.12295	242.4392	0.044497
405.3749	70.04273	87.33638	431.3038	421.7806	451.4995	-29.5158	319.1832	0.073955
404.4796	67.92105	86.53775	435.0579	424.2936	451.5064	-29.4316	225.6345	0.081585
403.8065	66.45672	77.90992	438.463	426.7304	451.511	-26.9053	178.5124	0.082503
403.976	43.11468	68.14017	440.7728	428.7116	451.5135	-33.221	134.9906	0.077054
404.9193	14.22846	59.16415	442.4719	430.4231	451.5135	-36.0421	101.0004	0.086082
406.8725	7.14287	41.26662	442.7933	431.4704	451.509	-48.3789	67.63752	0.058994
409.0584	5.64683	21.49533	441.9451	431.9007	451.4964	-60.7579	30.63281	0.042141
411.7926	40	9.006052	442.4885	432.9064	451.4873	-47.5213	45.39679	0.044175
415.1523	17.58381	17.59657	441.9768	433.3698	451.4743	-58.4188	22.7598	-0.00376
420.1821	42.05751	21.07688	442.1039	434.0685	451.4689	-55.989	27.17813	-0.00689
424.7296	28.32622	33.21377	441.6551	434.4477	451.459	-71.706	19.25088	-0.03614
428.6057	5.756628	29.32252	440.3648	434.3603	451.4476	-97.8658	-18.6329	-0.04924
429.7831	16.05975	25.38012	439.3416	434.3124	451.4356	-94.2398	-27.7185	-0.05135
427.6715	13.93566	16.7142	438.2662	434.1672	451.4246	-92.7025	-39.333	-0.04658
423.7349	14.88643	11.91735	436.6438	433.6897	451.4091	-90.8774	-77.0466	-0.05333
422.072	39.44638	14.96061	435.6406	433.4254	451.3966	-84.0224	-75.3902	-0.03248
421.6422	71.23568	22.75616	435.3289	433.4395	451.3839	-69.4283	-64.5311	-0.00838

422.8554	70.96783	41.85616	435.3357	433.5827	451.3724	-60.8192	-48.9879	-0.02268
421.4458	13.64876	60.54996	433.5927	432.8733	451.3521	-90.3625	-113.534	-0.03451
419.4747	21.7069	51.95076	431.3367	431.8404	451.3195	-83.1169	-161.22	-0.05391
417.5417	24.86085	35.44116	429.5574	430.9464	451.308	-79.9701	-144.578	-0.04421
414.7006	26.5306	20.07217	428.1204	430.1516	451.2862	-78.6248	-139.47	-0.03012
416.0117	82.47212	24.36612	428.9161	430.3843	451.2651	-39.1629	-44.7618	-0.00097
415.2747	56.08944	44.62119	428.4007	430.0274	451.2384	-53.4322	-68.1575	-0.01569
416.2039	63.56503	55.03072	428.2237	429.8216	451.2227	-47.1243	-57.7466	-0.0011
416.5029	45.06724	67.37553	427.4453	429.3285	451.2042	-62.4305	-86.7517	-0.01618
411.2167	7.903473	54.90724	424.4358	427.74	451.167	-93.1408	-192.098	-0.05934
408.6751	21.61926	38.84525	422.4837	426.5553	451.1198	-81.8773	-163.187	-0.05427
404.1343	12.22639	24.86332	419.5022	424.8182	451.0334	-90.152	-194.053	-0.0493
399.4519	8.242243	13.91637	416.7165	423.0831	450.9862	-94.0606	-190.548	-0.04185
395.9291	17.18747	14.0293	414.527	421.5573	450.9358	-90.1973	-160.966	-0.04118
394.9837	59.50073	12.55203	413.7221	420.649	450.8981	-70.9939	-92.3943	-0.02599
396.4482	87.59013	28.31015	413.7193	420.1345	450.8698	-58.9588	-61.4582	-0.04521
396.5796	86.33877	54.75945	413.8121	419.704	450.8424	-57.2684	-53.8128	-0.02642
396.5309	93.17263	77.80988	415.0184	419.8484	450.8211	-37.2549	5.199687	-0.0131
396.465	61.20478	89.03384	415.521	419.7326	450.7988	-44.9235	7.574499	-0.01153
395.5291	65.11618	80.23873	416.2015	419.7483	450.7809	-35.9911	13.3976	0.029569
397.4675	57.31863	73.16453	416.5601	419.6582	450.7608	-33.2224	14.216	0.01648
397.3003	87.94318	61.2132	418.0104	420.1271	450.7321	-5.80705	49.1338	0.056767
398.2412	24.59748	70.126	417.9879	419.9594	450.7062	-39.9224	38.87194	0.041029
399.4499	9.067428	56.61977	417.2564	419.4612	450.6861	-54.4186	-28.1123	0.026704
399.2977	22.7826	40.53603	415.9287	418.6586	450.6346	-68.8372	-72.2082	-0.00163
399.3261	18.78264	18.81584	414.6301	417.8311	450.5745	-72.4031	-86.179	-0.01503
399.2873	12.14224	16.87756	412.7616	416.6944	450.5221	-87.8578	-103.161	-0.02857
399.2375	15.96418	17.9025	411.0281	415.5684	450.4829	-90.392	-120.877	-0.04781
398.2922	19.04758	15.62969	409.4585	414.4764	450.4365	-89.5756	-112.365	-0.04174
391.9603	6.344688	15.718	406.1568	412.5149	450.3577	-96.2528	-184.483	-0.07607
385.0774	12.42687	13.78548	402.5667	410.3154	450.2374	-91.9048	-208.694	-0.08533
379.9579	24.34268	12.60638	399.9747	408.4934	450.2016	-86.3333	-152.813	-0.09453
378.4129	50.04243	14.37141	398.9359	407.3623	450.157	-71.9047	-110.207	-0.05897
374.8681	29.92606	28.93733	396.7349	405.6783	450.1173	-88.4286	-119.944	-0.06922
371.36	9.626439	34.77039	394.1866	403.7889	450.0618	-96.8156	-136.031	-0.06964
369.3962	45.68961	29.86498	392.9868	402.4999	450.0043	-79.9496	-104.492	-0.05178
371.5731	72.41386	28.41404	392.6801	401.6476	449.9682	-66.3102	-69.5949	-0.02855
372.0309	36.63787	42.57663	391.472	400.4017	449.9125	-81.414	-79.4754	-0.04151
372.8338	48.40756	51.58044	390.6364	399.3379	449.8595	-77.8426	-78.8467	-0.03689
372.6077	22.09863	52.48643	389.2969	398.0484	449.808	-88.2601	-84.1799	-0.01564
373.7545	35.61209	35.71468	388.4874	397.0103	449.7569	-81.0811	-78.2147	0.00317
374.8848	82.26267	35.37276	389.193	396.7188	449.6926	-27.9069	-31.2524	0.019069
375.4684	88.98587	46.65779	390.655	396.8652	449.6287	-11.0141	14.67417	0.013919
377.1047	20.82878	68.95354	389.5107	395.8543	449.4967	-79.1712	-39.2454	-0.00367
377.4286	36.88895	64.02577	389.1445	395.208	449.4382	-61.941	-54.9467	0.018305
377.8507	50.36757	48.9012	389.4557	394.9087	449.3873	-44.1658	-6.27327	0.01237
376.8998	84.55881	36.02843	390.782	395.1434	449.3427	-13.7405	79.55961	0.018115

375.4434	87.89194	57.27178	393.1196	395.9459	449.2661	-11.1289	211.8294	0.054959
376.4426	36.6079	74.27278	393.0212	395.6891	449.1939	-54.7638	112.8583	0.016679
377.7876	29.71016	69.68622	392.9569	395.4605	449.1153	-54.3635	52.07123	0.027947
377.9269	22.34588	51.40334	392.5635	395.0856	449.0462	-61.4891	9.655098	0.016573
378.3779	52.07281	29.55465	393.3507	395.2778	448.9486	-37.9504	79.67189	0.011719
379.3341	48.79844	34.70962	393.8339	395.3678	448.905	-42.3701	106.3314	-0.00553
379.561	92.99164	41.07237	395.8506	396.2252	448.8773	-8.71082	161.8171	0.06191
380.5316	86.80848	64.62096	398.0562	397.2593	448.8347	-11.6192	198.4235	0.059557
381.1823	88.09529	76.19952	400.0368	398.272	448.8044	-9.37027	168.3471	0.050522
381.3028	56.58531	89.29847	400.8325	398.7858	448.7817	-28.1423	116.0054	0.017917
382.5168	31.89909	77.16303	401.1134	399.0727	448.7544	-39.0638	75.80731	-0.00817
385.2776	11.3208	58.8599	400.5928	398.9732	448.7255	-56	47.42226	0.013377
386.839	6.836476	33.2684	399.7828	398.7032	448.6951	-64.2553	3.151496	0.006939
387.8703	64.90975	16.68546	400.6862	399.2181	448.6613	-28.766	65.76617	0.039076
386.4891	93.46473	27.68901	403.1003	400.4892	448.6253	-4.72618	146.439	0.047017
386.953	81.26277	55.07032	404.7506	401.4772	448.5962	-13.6195	129.0374	0.043723
388.5929	59.8485	79.87908	405.8156	402.2325	448.5671	-33.31	136.3474	0.011624
390.8466	50.18868	78.192	406.5224	402.8382	448.5414	-43.9268	97.13583	0.000543
393.5305	12.65056	63.76665	406.3699	403.0376	448.5072	-61.0269	46.04832	-0.01314
390.7968	5.80781	40.89591	403.6271	401.9639	448.4606	-94.1922	-104.359	-0.04113
388.1435	9.564673	22.88235	401.4587	401.0431	448.4298	-90.4353	-124.91	-0.0326
387.9456	80.75657	9.341014	402.8129	401.7259	448.3776	-35.2243	36.11232	0.031507
387.398	94.83009	32.04302	405.1095	402.9121	448.3308	-15.3034	115.5503	0.056694
387.1702	97.30881	61.71711	407.3956	404.1756	448.2796	-9.36675	130.5185	0.035287
387.5622	81.5864	90.96516	408.4841	404.9382	448.2398	-24.0106	91.42776	-0.00458
387.4299	10.86056	91.24177	407.0811	404.5254	448.1897	-64.248	-31.4765	-0.03495
385.8651	4.105355	63.25192	404.4918	403.468	448.1385	-88.5224	-133.26	-0.05204
382.8756	1.486142	32.18411	401.7141	402.2064	448.0822	-98.6157	-142.888	-0.05841
381.1497	34.18099	5.484018	401.025	401.8382	448.0374	-69.8748	-91.119	-0.02046
379.712	22.70314	13.2575	399.6798	401.1303	447.9768	-81.8118	-84.3604	0.009625
377.6293	16.98469	19.45676	397.9016	400.1666	447.9418	-93.7014	-94.6763	-0.00362
376.3741	40.55655	24.62294	396.835	399.4853	447.8996	-85.5627	-84.4098	-0.04702
375.2995	35.51715	26.74813	395.6468	398.7169	447.8485	-86.1745	-92.5763	-0.06853
375.5914	54.19577	31.01947	395.0376	398.1962	447.8018	-79.1947	-67.216	-0.06734
375.9578	54.30708	43.42316	394.446	397.6773	447.7655	-80.5369	-71.262	-0.05617
375.7838	88.32769	48.00667	395.8389	398.1087	447.7127	-47.1812	5.374866	0.010356
375.3292	95.5323	65.61018	397.8482	398.9079	447.6834	-28.9251	48.99012	0.047785
376.2556	75.24145	79.38902	399.3845	399.5691	447.6445	-22.6688	68.99848	0.05537
378.0899	89.81561	86.36715	401.3169	400.4859	447.6018	-9.32477	70.8679	0.037032
380.1841	7.058758	86.86312	400.384	400.0983	447.5461	-63.5049	-10.2539	0.007576
380.3574	17.16143	57.37194	399.2023	399.5505	447.4756	-71.7846	-42.002	0.011804
380.976	23.98309	38.01193	398.1871	399.0359	447.4163	-72.1061	-66.9122	0.004181
381.875	46.21005	16.06776	398.1777	398.9685	447.3569	-54.1801	1.557699	0.023167
382.2734	60.62799	29.11819	398.1545	398.8988	447.3057	-54.5016	10.21254	0.016186
382.5441	88.10946	43.60704	400.1466	399.8028	447.2436	-12.0579	123.0511	0.050899
380.4671	88.99469	64.9825	404.3164	401.8359	447.1791	-11.0053	243.9844	0.05886
377.4062	97.5269	79.24404	409.6049	404.566	447.162	-2.10044	243.9713	0.072861

378.204	78.00438	91.54368	413.0244	406.5857	447.1478	-17.6081	197.77	0.058841
380.6718	47.09301	88.17532	414.3176	407.6853	447.1282	-36.143	108.6756	0.023025
382.6257	34.17018	74.2081	416.2348	409.0996	447.1103	-26.6108	108.752	0.079762
382.3658	74.24064	53.08919	419.282	411.0954	447.1001	-10.106	135.2467	0.110361
383.0017	44.09444	51.83461	420.8394	412.4516	447.0837	-21.933	97.39044	0.093736
383.4623	73.39574	50.83509	422.7553	413.9954	447.0723	-15.0044	104.4224	0.08833
385.3922	37.15841	63.91027	422.9439	414.7351	447.0414	-31.5975	58.8315	0.065207
389.6439	67.86887	51.54953	424.1741	415.9354	447.029	-22.469	73.23755	0.048253
394.8881	89.386	59.47434	426.7314	417.777	447.0211	-6.37511	101.9464	0.031706
401.0767	94.99178	64.80443	429.4211	419.7353	447.0178	-3.56726	110.4822	0.012589
407.3133	94.11765	84.08222	431.9827	421.6862	447.0152	-5.88235	104.7104	0.032976
413.9649	94.97016	92.83181	435.2437	424.019	447.022	-3.73891	129.3259	0.075336
416.8902	94.63759	94.6932	438.1783	426.2634	447.027	-3.33536	132.8441	0.064527
416.0916	90.63554	94.57513	441.1529	428.5782	447.0354	-4.72437	142.063	0.049242
416.5471	57.97105	93.41443	442.5535	430.1841	447.0381	-21.2036	106.214	0.048561
418.2145	36.61493	81.08139	443.7768	431.6893	447.0425	-20.6412	116.5267	0.039723
421.6329	43.35879	61.7405	444.7966	433.0757	447.0445	-20.8661	91.10603	0.062325
423.5641	26.36274	45.98159	444.2422	433.677	447.04	-41.7885	36.76616	0.023792
424.6824	26.70873	35.44548	443.7274	434.2117	447.0372	-42.4634	25.40507	0.000225
426.3046	17.35018	32.14342	442.9526	434.5435	447.0334	-61.4712	5.087612	-0.01243
424.6009	5.476188	23.47388	440.1368	433.8107	447.0211	-95.3378	-72.4701	-0.04802
426.3915	42.3132	16.5117	438.8743	433.6714	447.0026	-65.4748	-83.4334	-0.04689
422.6045	12.11128	21.71319	436.1259	432.7335	446.9878	-91.3247	-105.496	-0.07332
419.255	26.31582	19.96689	434.3603	432.1347	446.9709	-82.7081	-98.5328	-0.07183
416.6827	38.36025	26.91344	433.1864	431.7343	446.9558	-77.7843	-82.0185	-0.05225
411.404	20.68303	25.59579	430.631	430.6115	446.9338	-88.8491	-132.862	-0.07531
410.7986	80.26561	28.45304	430.8614	430.7239	446.9103	-55.4033	-75.8853	-0.04058
410.1114	68.66532	46.4363	430.5383	430.5785	446.8973	-62.5725	-65.7442	-0.02818
409.5311	29.98061	56.53799	428.7408	429.7101	446.8841	-82.1326	-95.7024	-0.04999
408.9387	44.00386	59.63718	427.7723	429.172	446.8653	-72.273	-96.2903	-0.03703
410.0385	66.86336	47.54993	427.8748	429.1176	446.8507	-52.6172	-59.3715	0.008923
408.6754	17.14543	46.94928	425.0431	427.6622	446.796	-88.2822	-117.336	-0.052
405.0645	19.4487	42.67089	422.1556	426.0779	446.7557	-84.9615	-153.555	-0.035
403.4681	32.24781	34.48583	420.1009	424.798	446.7272	-73.9075	-151.111	-0.03732
395.8999	3.872468	22.94732	415.1809	422.0812	446.6779	-96.6877	-203.474	-0.09048
391.738	34.37499	18.52299	412.7323	420.3911	446.606	-70.3669	-191.024	-0.04156
391.2885	74.87598	23.49842	411.6816	419.3179	446.5692	-57.9192	-110.945	-0.06069
389.8871	80	37.70781	411.0287	418.4379	446.5447	-55.0395	-88.2346	-0.04973
387.0221	48.0165	63.08366	409.0018	416.9131	446.5079	-73.0144	-110.139	-0.05014
386.5404	70.9104	67.63083	407.9382	415.815	446.4267	-56.0349	-127.288	-0.04819
385.442	90.89384	66.30897	409.5872	416.0255	446.3665	-25.3327	-4.17636	-0.02283
386.6897	93.60038	69.94025	411.6378	416.5359	446.3314	-13.5927	32.62763	0.032841
385.5556	97.42268	85.13487	415.8799	418.2156	446.3158	-2.57732	121.3486	0.081073
385.0655	52.50389	93.9723	415.2213	417.7255	446.2892	-47.4961	41.01391	0.006846
384.7047	46.52781	81.17565	416.0622	417.9449	446.2682	-33.1377	39.65386	0.083908
386.1894	54.02209	65.48479	417.7796	418.6323	446.251	-22.8091	77.32409	0.070029
386.1913	62.61827	51.01793	419.6481	419.4688	446.2329	-18.5446	74.67144	0.059182

385.1924	95.09583	54.38939	422.9322	421.0633	446.2231	-2.46816	137.0402	0.082361
386.6195	90.42122	70.57873	425.5129	422.4443	446.2159	-4.47354	129.3838	0.105198
392.0037	56.97478	82.71177	426.7556	423.2699	446.206	-18.6725	110.5812	0.078344
395.4711	52.9412	80.83061	427.6241	423.9463	446.1982	-20.423	83.78282	0.032831
398.1657	16.48941	66.77907	427.5018	424.1599	446.1862	-28.6287	62.90596	0.009252
401.526	11.4669	42.13513	427.124	424.2255	446.1723	-48.4181	37.20277	-0.03225
407.9703	39.9793	26.96584	427.8559	424.7926	446.1587	-39.9587	57.46768	0.049278
413.1921	87.6585	22.6452	429.8963	426.0019	446.1521	-14.3054	109.5173	0.048566
414.8585	60.53716	46.36823	430.9599	426.8025	446.1431	-26.2724	92.74719	0.022433
414.9255	44.93794	62.72499	431.2845	427.2667	446.1358	-39.1912	53.61819	0.007316
416.9893	40.27152	64.37786	431.5782	427.7058	446.1266	-44.3697	57.22444	-0.01769
419.5537	11.64971	48.5822	429.8798	427.1749	446.103	-87.3109	-24.6648	-0.04359
417.2357	4.562788	32.28639	427.6198	426.2871	446.0677	-95.4372	-105.09	-0.04244
414.4258	9.432141	18.828	425.8331	425.5256	446.0474	-92.9277	-107.467	-0.03792
408.3061	5.042063	8.548212	422.9879	424.1784	446.0132	-95.9707	-169.571	-0.04566
404.2613	6.555933	6.345664	420.5079	422.8962	445.9922	-95.4982	-172.703	-0.04277
404.1892	79.48365	7.010046	420.3526	422.6445	445.9758	-64.886	-90.6355	-0.02867
404.0023	87.38094	30.36055	420.7889	422.6848	445.9611	-55.9424	-45.7076	-0.04065
403.5892	62.73811	57.80684	420.3694	422.3424	445.9423	-68.3673	-68.3488	-0.04292
403.0444	64.88094	76.53423	420.0831	422.0583	445.9228	-67.2869	-54.7569	-0.03362
402.6062	84.74583	71.66666	421.0561	422.3806	445.9069	-48.1392	-20.4904	-0.01566
401.9992	75.8295	70.7883	421.8109	422.6459	445.8948	-36.724	-9.8736	0.012897
403.7113	85.46879	75.15209	422.7049	423.0144	445.8837	-31.7128	17.56096	0.029943
404.7022	87.46663	82.01471	423.9909	423.6107	445.8727	-8.20247	57.48431	0.036195
405.0158	49.55032	82.92164	424.8886	424.0711	445.8567	-38.1099	89.12871	0.055204
405.4844	63.83398	74.16191	426.6044	424.9578	445.845	-22.6066	84.8797	0.071702
402.9632	95.62382	66.95031	429.9842	426.7071	445.8439	-2.60244	149.8477	0.069308
401.5997	95.60234	69.66937	433.4193	428.6038	445.8475	-2.35171	169.3514	0.06882
402.8281	78.05834	85.02005	435.6402	430.0298	445.8487	-12.2692	142.981	0.071264
406.786	63.12688	89.7615	436.9516	431.0768	445.8481	-23.5849	111.2032	0.061305
411.2586	9.224026	78.92919	437.1279	431.5968	445.8454	-38.9937	86.18156	0.027413
413.3198	21.16188	50.13641	437.4675	432.1701	445.8414	-36.5384	64.39853	0.031395
415.4777	36.01896	31.17093	438.0407	432.8384	445.8389	-31.7307	81.77143	0.031737
418.9737	55.13418	22.13496	438.9867	433.6793	445.8366	-27.7242	75.38373	0.030449
422.6219	59.39963	37.43834	439.89	434.5073	445.8362	-28.3497	81.61377	0.034973
424.412	91.46177	50.18426	441.9154	435.8813	445.8417	-6.02195	109.8542	0.039019
427.2392	57.09265	68.66519	443.1378	436.9168	445.8461	-29.2566	109.9329	0.002871
430.0832	60.4923	69.31802	444.2826	437.9288	445.8497	-27.2214	97.41237	-0.00383
432.7906	12.24496	69.68224	444.4054	438.4586	445.8509	-59.2161	70.20377	-0.00619
435.132	8.548978	43.27664	443.5416	438.4832	445.8484	-86.1228	13.94484	-0.0121
433.5433	8.664285	27.09541	442.0525	438.1409	445.8428	-91.3357	-54.7555	-0.00967
429.1677	6.016206	9.819407	439.8743	437.3819	445.8347	-94.4236	-111.174	-0.02604
424.6134	3.443383	7.743156	437.1701	436.2645	445.8197	-96.8565	-164.101	-0.04283
419.5171	3.610641	6.041291	434.2571	434.929	445.8073	-97.2765	-188.915	-0.05843
416.6933	20.80611	4.356743	432.3447	433.9585	445.7968	-88.6915	-144.534	-0.05177
416.133	81.62509	9.286711	432.4867	433.9073	445.7861	-61.3381	-79.4813	-0.04368
415.679	84.6962	35.34728	432.8813	433.992	445.781	-57.0752	-38.9168	-0.03292

414.004	47.66351	62.3758	432.0073	433.489	445.7687	-75.8437	-81.2541	-0.05189
411.1736	10.01204	71.32826	430.1324	432.4765	445.7521	-93.4873	-130.805	-0.05675
407.8932	10.15281	47.45725	428.2526	431.3978	445.7405	-94.3705	-126.292	-0.04758
407.9178	27.51079	22.60945	427.2678	430.6906	445.7261	-84.406	-98.2581	-0.02768
406.9666	8.140742	15.89188	425.6382	429.6524	445.7039	-94.5788	-103.375	-0.02622
407.4915	10.90922	15.26812	424.0078	428.5701	445.6844	-94.8814	-106.426	-0.01718
409.095	58.79619	15.52025	423.3903	427.9348	445.6659	-74.421	-74.4804	0.004204
410.3984	83.1019	25.94872	423.2678	427.5392	445.6525	-63.8469	-59.327	0.00182
411.3706	72.38265	50.93577	423.3242	427.25	445.6435	-59.6173	-43.7302	-0.02223
411.8078	88.0991	71.42691	423.8748	427.2243	445.6328	-46.3243	-29.9005	-0.01873
412.2087	53.07386	81.19455	423.895	426.9859	445.6224	-58.1067	-25.2235	-0.00748
412.442	78.87321	71.1852	425.0513	427.3137	445.6124	-27.996	58.25166	0.027607
411.9023	60.9109	73.34872	425.702	427.4594	445.6056	-34.1361	49.62729	0.0272
411.4644	75.76972	64.28599	427.186	428.0437	445.5988	-17.1564	147.2698	0.031995
411.4532	88.59156	71.85128	428.8761	428.794	445.5948	-7.57716	152.243	0.05159
411.2999	77.81816	75.09073	430.15	429.4134	445.592	-11.4125	112.8168	0.053285
412.2929	32.7272	80.72648	430.283	429.532	445.5876	-34.6118	65.64726	0.02624
413.4057	22.70521	66.37898	429.9764	429.44	445.5783	-44.9018	8.350616	0.013479
413.1331	4.065964	44.41686	428.2196	428.6339	445.564	-95.7237	-67.437	-0.01198
412.9804	5.083006	19.83279	426.2874	427.6728	445.5475	-95.2839	-103.581	-0.02634
414.7575	53.64155	10.61806	426.2336	427.5443	445.5319	-55.3417	-30.6316	0.004556
415.1531	55.18332	20.93017	425.7384	427.2088	445.5143	-66.6988	-29.2399	-0.01946
414.5679	95.34693	37.96929	428.4513	428.4061	445.5059	-4.65307	142.1297	0.032826
414.2619	82.35297	68.05727	430.8307	429.5551	445.5054	-17.647	178.7523	0.019683
414.2945	84.31233	77.62774	432.9811	430.685	445.5054	-15.1557	158.6993	0.015147
414.8902	67.15168	87.33741	434.0006	431.3459	445.5014	-29.6885	104.6139	0.005608
415.2696	35.71429	77.93899	434.2004	431.6387	445.4978	-41.7301	65.02724	0.00994
415.3499	33.93665	62.39277	434.998	432.2125	445.4933	-30.3114	63.20752	0.025905
415.037	66.38069	45.60087	436.2902	433.041	445.4923	-19.1003	96.98638	0.059346
415.1002	53.62309	45.34387	436.8958	433.5733	445.491	-27.9585	79.45468	0.059104
415.3468	17.4068	51.31347	436.3568	433.5599	445.4877	-47.0588	23.60746	0.017501
415.1587	21.3873	45.80352	435.0815	433.153	445.4748	-61.9377	-55.7154	0.011943
415.0011	10.25903	30.80573	433.2937	432.4351	445.4583	-77.4356	-86.5698	-0.04491
414.7959	3.522357	16.35104	430.8018	431.2989	445.4326	-97.0268	-112.751	-0.06042
415.4469	16.08586	11.7229	429.2229	430.5018	445.4148	-86.947	-90.2855	-0.05456
414.7034	31.98196	9.955751	428.0126	429.8244	445.4031	-84.554	-81.6082	-0.04152
413.6554	49.93108	17.19673	427.5562	429.4704	445.3869	-72.1324	-35.1081	-0.02355
413.7987	93.9465	32.6663	428.8655	429.959	445.3793	-32.6939	25.8168	-0.00755
414.0612	92.40349	58.61985	430.0571	430.4518	445.3726	-28.7801	33.0473	-0.0153
414.935	80.88087	78.76036	431.3665	431.053	445.3682	-21.9931	59.45463	-0.00377
415.2771	81.17019	89.07695	432.5277	431.6353	445.3621	-20.7904	53.58419	0.012743
414.9645	57.95852	84.81818	433.4036	432.1231	445.3569	-23.1959	50.80969	0.02372
414.5353	11.85065	73.33653	433.0018	432.0245	445.3455	-47.7572	-12.5308	0.017311
414.8662	3.00866	50.32645	432.1512	431.6874	445.3364	-59.5426	-52.3769	0.024878
415.6869	36.90322	24.27261	432.1477	431.7201	445.329	-43.0079	-34.5179	0.02756
415.8661	19.742	17.25418	431.6381	431.5064	445.3161	-54.7053	-41.0632	0.01775
416.3379	30.79409	19.88463	431.3478	431.3764	445.3056	-55.7143	-25.6923	0.01107

415.3991	8.000095	29.14644	429.2353	430.3571	445.2879	-95.0486	-118.966	-0.04231
415.5376	12.85718	19.51206	427.5773	429.4757	445.2712	-92.0424	-114.152	-0.04158
413.7639	4.035277	17.21712	425.5458	428.3569	445.2511	-97.4152	-137.402	-0.05517
409.9003	5.338367	8.297519	422.9428	426.8954	445.2225	-96.2517	-180.445	-0.06901
406.4386	23.18654	7.410276	421.209	425.7678	445.2012	-88.0187	-136.217	-0.06058
402.4676	3.967212	10.8534	418.9608	424.3477	445.1837	-98.1278	-141.187	-0.05617
399.3274	21.34683	10.83071	417.108	423.0566	445.1564	-89.9702	-134.06	-0.04809
396.7095	38.40449	16.16686	415.2126	421.7034	445.1299	-87.3934	-133.636	-0.06327
394.9491	33.70982	21.23951	413.5022	420.399	445.1048	-86.9248	-115.135	-0.05769
394.4009	32.96931	31.15371	411.9482	419.1399	445.0852	-88.9701	-102.291	-0.06132
393.9904	76.2024	35.02787	411.2048	418.2492	445.0623	-77.786	-86.6855	-0.02514
391.3549	10.94108	47.62718	409.3032	416.8118	445.0313	-96.5229	-101.762	-0.04687
392.193	66.30202	40.0376	408.658	415.945	445.0085	-73.9018	-82.5401	-0.02235
392.0354	20.35032	51.1485	407.3121	414.7572	444.9872	-91.2675	-91.548	-0.02133
395.8169	84.4639	32.53114	407.2895	414.1948	444.9664	-61.2061	-64.2669	-0.01095
395.7601	42.92135	57.03875	406.5275	413.3164	444.945	-69.2926	-72.7852	-0.01048
397.0326	42.74404	49.24519	405.9474	412.5343	444.9313	-66.1237	-72.7405	-0.01022
397.9917	37.99474	56.70977	405.3881	411.777	444.9168	-64.8798	-65.7068	-0.00612
396.8224	11.24407	41.22005	404.3966	410.8264	444.8964	-88.7028	-96.3109	-0.01275
397.7589	44.44433	30.66095	404.0186	410.1681	444.8812	-61.7067	-80.4419	-0.00362
397.6721	54.73368	31.22771	403.7636	409.5898	444.8646	-57.9867	-79.1886	-0.01168
397.7703	44.0829	36.80736	403.4107	408.9883	444.8475	-65.8641	-76.9108	0.006582
397.6656	55.27255	47.75364	403.1235	408.4369	444.8148	-65.2078	-70.1617	-0.0088
396.2783	28.84216	51.36305	402.0613	407.5319	444.7645	-78.5266	-188.188	-0.00923
395.3121	43.36844	42.73254	401.4254	406.8205	444.7336	-66.6666	-190.659	-0.02269
396.2753	83.57888	42.49438	401.6151	406.5122	444.7116	-35.7605	-54.8181	0.0008
395.985	55.82348	51.92982	401.3221	406.0084	444.6827	-55.016	-47.7121	-0.00756
396.0073	93.76993	60.9236	402.2516	406.1088	444.6603	-6.23007	120.7214	0.012558
387.9644	94.01429	77.7241	406.6157	407.9243	444.6215	-5.68605	468.9391	0.079397
382.7223	81.9891	81.20257	411.5314	410.1942	444.6092	-16.4631	410.4375	0.091128
381.2918	70.65992	89.92444	414.8755	411.9033	444.6024	-26.142	245.7889	0.076814
381.091	65.76576	82.2211	417.446	413.3612	444.5962	-29.2175	174.7651	0.075011
381.3431	69.3579	72.80493	420.246	415.0119	444.5892	-21.8001	158.5483	0.084927
382.1445	56.52171	68.59453	423.118	416.7824	444.582	-15.83	128.7112	0.107757
382.8711	69.98791	63.88179	426.3331	418.7997	444.5823	-10.6741	138.2279	0.11582
384.2273	83.66865	65.28918	429.5527	420.9079	444.5846	-5.90753	125.9874	0.110769
386.5792	90.45296	70.05942	432.5056	422.97	444.5898	-3.45895	111.863	0.122677
390.8439	37.81042	81.36984	433.4649	424.1383	444.5874	-24.8758	83.84851	0.077026
183.5049	0	70.64401	366.778	392.7206	444.5874	-100	-659.156	-1
185.4198	99.12958	42.75446	379.3428	396.8487	444.5907	-0.87042	71.84871	0.022531
187.3762	96.27197	45.64667	387.9857	399.7133	444.574	-3.72803	49.06809	0.005201
189.099	97.57487	65.13385	396.2057	402.8024	444.5718	-2.42513	55.32082	0.022781
189.3852	99.11967	97.65881	403.8888	406.013	444.5743	-1.37953	56.53246	0.024103
189.6068	91.99164	97.6555	411.5634	409.5509	444.5817	-0.41306	61.74735	0.033854
190.5896	86.55274	96.22873	419.1698	413.3623	444.5972	-0.96297	68.89162	0.038262
191.6869	96.24113	92.55468	426.509	417.3262	444.6148	-0.25397	72.59257	0.043854
192.6366	94.56371	91.59517	433.9078	421.5688	444.6548	-0.39501	78.88667	0.057616

193.5428	83.63786	92.45253	439.7454	425.2935	444.6939	-1.06963	75.1637	0.075469
194.179	62.41204	91.4809	444.0449	428.4341	444.7104	-1.94195	66.92698	#DIV/0!
194.7508	44.13077	80.20454	447.6752	431.3384	444.7267	-1.95233	62.78939	0.042799
195.4989	85.93511	63.39356	452.1187	434.688	444.7488	-0.47067	70.40812	0.094223
197.1158	87.73707	64.15931	456.4043	438.0426	444.7691	-4.78302	73.8671	0.087354
229.859	49.05188	72.60098	458.8648	440.5874	444.7882	-19.8718	63.08519	0.05884
436.5208	37.29463	74.24135	460.5923	442.773	444.8003	-26.7385	51.32355	0.035966
439.7119	12.60044	58.02786	461.4598	444.5106	444.8164	-39.8533	48.69974	0.011335
446.347	60.32172	32.98232	463.5501	446.7726	444.8284	-20.027	53.03649	0.017505
452.5462	66.76343	36.73893	465.357	448.8853	444.8488	-23.5585	55.7758	0.001461
458.2133	59.73155	46.56186	467.5069	451.1406	444.8867	-35.3238	59.25276	0.015851
462.2688	57.35442	62.27223	469.2803	453.2068	444.9167	-39.7059	109.7461	0.024252
464.4807	51.94662	61.28313	470.7809	455.1199	444.9167	-39.7059	83.14874	0.024361
464.5547	5.263181	56.3442	470.6105	456.1979	444.9367	-74.4485	43.0694	-0.01445
463.89	7.700415	38.18807	470.2186	457.0769	444.9586	-80.4228	5.81019	-0.02482
463.0482	5.227223	21.63674	469.5288	457.7182	444.9688	-92.9051	-32.5579	-0.0141
462.002	16.79195	6.063606	468.6023	458.147	444.9855	-88.7678	-65.1659	-0.01401
459.2348	4.883674	9.906531	467.2316	458.2615	444.9941	-96.6534	-134.174	-0.01402
458.6204	62.42864	8.967617	467.5005	459.0554	445.0124	-65.7255	-69.7234	-0.01277
459.4101	91.30953	28.03475	468.9854	460.3959	445.0326	-39.8432	43.09455	0.003908
459.6089	77.26294	52.87395	470.0513	461.5454	445.0509	-43.7647	65.02641	-0.00713
460.1386	76.07754	77.00037	470.9113	462.5895	445.0707	-44.6275	43.47203	-0.00708
457.6201	98.10813	81.55	474.4813	464.9248	445.1129	-1.89187	186.9635	0.031484
452.0832	79.99015	83.8162	479.8719	468.2282	445.216	-16.371	326.3376	0.084841
444.6401	95.42571	84.72527	487.0774	472.56	445.3282	-3.75518	323.9641	0.125291
442.5031	80.26263	91.17466	491.8103	475.9142	445.4068	-16.203	229.6597	0.111879
440.9676	86.37169	85.22616	496.417	479.3097	445.4909	-10.7093	180.3146	0.125668
439.346	56.33478	87.35334	502.2849	483.4022	445.7645	-29.9659	211.2746	0.16286
436.9438	77.24605	74.32303	510.3589	488.6884	445.8972	-11.4415	184.0847	0.182922
440.404	38.30188	73.31751	514.1276	492.1082	446.0131	-29.6935	132.4739	0.120932
445.7685	36.93394	57.29423	517.2059	495.2214	446.1203	-30.3519	102.5929	0.12234
452.4705	46.54244	50.82729	521.5176	498.9259	446.2187	-22.4836	105.0049	0.146308
460.1759	92.18896	40.59275	527.1967	503.3337	446.3146	-9.15165	113.3459	0.130162
468.8819	42.18878	58.55512	530.0399	506.4703	446.4012	-22.3907	89.1453	0.070963
477.9264	21.43394	60.30673	531.3979	508.8701	446.4573	-30.2455	67.71073	0.023086
489.3757	21.3847	51.93723	532.6194	511.1269	446.5147	-37.2808	65.91526	0.041511
502.7087	7.257435	28.3358	532.4833	512.6534	446.6433	-64.7404	45.53001	0.019129
510.9627	5.875023	16.69202	531.6938	513.7421	446.7203	-75.9905	33.64523	-0.01348
515.4639	46.25004	11.50572	532.3592	515.3923	446.7611	-59.4811	39.09593	-0.03379
517.6976	75.96586	19.79417	533.9281	517.4045	446.8152	-58.475	54.70696	0.0144
521.1572	41.66674	42.69697	533.8917	518.6109	446.8576	-78.125	39.26212	-0.00083
523.852	71.19058	54.62755	534.8057	520.1829	446.9521	-62.625	29.6488	-0.0099
522.3604	84.58195	62.94106	538.0556	522.8309	447.1188	-22	138.7226	-0.00448
523.6054	84.94545	65.81309	540.8246	525.2919	447.1963	-21.6876	145.9668	0.019016
524.3504	78.61827	80.23933	542.8362	527.411	447.2841	-27.125	109.693	0.027897
524.8964	55.05466	82.71522	543.3038	528.7787	447.364	-47.3749	56.56652	0.012122
523.734	20.55228	72.87279	543.0937	529.7535	447.4235	-53.2191	12.35367	0.019189

524.6685	15.33338	51.4084	541.9824	530.2066	447.4936	-70	-50.6326	0.016155
522.6693	11.32331	30.31344	539.7886	530.0226	447.5555	-89.0574	-136.239	-0.01548
522.727	52.34691	15.73632	539.8069	530.7548	447.6283	-56.6249	-67.2074	-0.00488
521.4837	17.03646	26.33453	538.0468	530.5779	447.7144	-87.3434	-81.606	-0.00998
517.5699	13.92577	26.90223	534.6792	529.5097	447.8018	-89.6449	-183.073	-0.04386
513.1036	6.994932	27.76971	531.403	528.3152	447.8471	-95.1677	-202.552	-0.07653
508.387	17.96517	12.65239	528.7412	527.2623	447.8974	-87.2019	-188.67	-0.07545
507.4214	46.16876	12.96196	528.1578	527.091	447.9441	-67.11	-96	-0.05227
505.1047	52.99313	23.70962	526.9898	526.6076	447.9847	-75.161	-96.7143	-0.04637
497.0262	9.26918	39.04236	523.022	524.7255	448.0547	-95.798	-183.33	-0.07517
492.5488	9.625683	36.14369	519.6799	522.9901	448.0808	-95.2339	-153.377	-0.06452
490.2786	24.52235	23.96267	517.1034	521.5044	448.1379	-86.4317	-135.924	-0.04698
488.7478	13.47943	14.4724	514.3594	519.8572	448.1646	-92.5233	-120.091	-0.07527
488.1752	66.72772	15.87582	512.8186	518.7081	448.2008	-82.0462	-92.2231	-0.04547
486.9993	23.76598	34.90983	510.6195	517.213	448.2327	-93.6055	-96.5251	-0.03416
488.156	86.8207	34.65771	510.6981	516.7624	448.2724	-68.5686	-70.1715	-0.00439
487.0526	70.91996	59.1048	510.4026	516.171	448.3169	-63.7091	-57.084	-0.01036
487.77	10.74465	60.50221	507.7027	514.4437	448.3624	-93.0632	-100.45	-0.06114
488.1147	23.29785	56.16177	505.8677	513.0609	448.3991	-84.9588	-106.399	-0.04762
486.3263	28.86506	34.98749	504.0293	511.6429	448.4443	-80.2446	-104.073	-0.01453
480.0455	3.885485	20.96919	500.1344	509.2036	448.4771	-97.0219	-155.872	-0.04505
473.7297	4.27632	18.6828	496.4767	506.7707	448.4981	-95.8599	-174.677	-0.05284
472.8393	21.74601	12.34229	494.1781	504.9014	448.5241	-82.5478	-149.516	-0.03552
475.2491	49.52381	9.969273	493.5666	503.8127	448.5527	-60.2548	-104.048	-0.02804
473.9367	55.17244	25.18205	492.5005	502.5404	448.5723	-69.4267	-89.5785	-0.02384
472.1863	45.96973	42.14742	491.1603	501.1514	448.5892	-76.7516	-110.958	-0.05349
472.4123	76.97445	50.22199	491.6189	500.6322	448.6302	-50.1273	-24.9299	-0.02877
471.2036	95.43353	59.37221	494.5444	501.3731	448.7146	-7.70697	60.39931	0.036079
470.9173	90.70926	72.79257	497.1951	502.1435	448.7584	-8.05654	107.869	0.032269
468.9445	97.09057	87.70574	500.0323	503.1431	448.7905	-2.53845	122.2099	0.043973
469.4658	55.54402	94.41112	500.9701	503.3641	448.8311	-25.2948	72.02311	0.057268
470.861	10.66341	81.11462	500.5252	502.9726	448.8559	-44.4576	20.52545	0.045594
470.9827	26.14319	54.43267	500.1908	502.6303	448.9018	-43.8089	-4.09054	0.034921
471.2406	26.73961	30.78354	499.9306	502.3243	448.9482	-43.4552	20.3249	0.016924
470.9154	1.903439	21.18207	497.413	500.9348	448.9792	-83.4891	-73.6377	-0.00631
472.892	20.59738	18.26208	495.9457	499.9675	449.0078	-78.7838	-68.9273	0.008446
475.0489	26.27808	16.41348	494.6165	499.0296	449.0309	-80.3379	-73.0479	-0.01383
476.0339	35.07158	16.25963	493.8194	498.3189	449.0649	-74.5271	-33.9288	-0.04152
476.259	65.35723	27.31568	493.2326	497.7031	449.0877	-74.6888	-26.5341	-0.04254
476.2641	34.4202	42.23563	492.0655	496.81	449.1044	-86.8603	-62.7212	-0.05816
475.9324	34.4202	44.94967	491.078	495.9831	449.1171	-86.8603	-50.3206	-0.04047
473.8522	44.31378	44.73255	490.5396	495.3605	449.1354	-81.4661	-50.4051	-0.02108
473.7915	72.24566	37.71806	490.5221	494.995	449.1646	-73.5132	-30.2353	-0.0159
474.7214	93.57363	50.32655	491.4828	495.1262	449.1929	-39.2008	10.96482	-0.00348
478.256	93.86195	70.04436	493.0652	495.6182	449.2126	-14.0081	43.88833	0.037642
479.8098	70.63239	86.56041	494.1185	495.9362	449.2514	-26.3461	58.26074	0.02467
479.8913	42.67449	86.02266	494.1753	495.8289	449.2832	-47.4038	13.41598	0.014738

480.0082	15.19761	69.05628	493.9757	495.6104	449.3202	-53.6538	-20.5211	0.007033
481.3069	24.92397	42.83483	494.0507	495.5254	449.3402	-47.5	2.226754	0.009097
482.4884	17.32525	27.59869	493.9236	495.355	449.3575	-54.509	6.165887	0.015604
483.0592	29.19603	19.14894	493.6294	495.1073	449.3776	-59.4188	-34.2968	0.013106
483.6117	41.96062	23.81508	493.4071	494.8908	449.3959	-58.7175	-4.1725	0.009447
484.0302	61.56851	29.49397	493.6	494.8738	449.4326	-52.09	37.90315	0.008635
484.1937	81.84212	44.24172	494.9368	495.423	449.4743	-19.0782	119.63	0.011117
484.6073	84.03704	61.79042	496.807	496.2875	449.5218	-15.034	186.7802	0.010612
484.9246	90.42778	75.81589	498.9572	497.3612	449.5887	-8.87622	202.0233	0.021748
485.9843	75.69526	85.43565	500.3689	498.1592	449.6163	-18.9802	160.9664	0.027595
486.5814	74.47342	83.38669	501.5444	498.8888	449.6433	-19.4523	137.5478	0.0307
485.6016	94.26123	80.19882	503.4573	500.0066	449.6874	-2.92794	155.0163	0.039467
485.4027	64.22399	81.47664	504.7177	500.869	449.7163	-14.2368	135.6757	0.037357
486.0013	11.32403	77.65288	504.4774	501.0384	449.7426	-43.6536	57.129	0.022651
487.2025	34.2341	56.60308	504.5445	501.3255	449.772	-37.5644	51.00044	0.025863
488.5981	22.8228	36.59404	504.3118	501.4519	449.7958	-44.0823	33.08521	0.016922
489.1341	4.342463	22.79365	503.1357	501.0975	449.817	-70.799	-37.9709	-0.01119
486.7479	5.420511	20.46646	500.3612	499.9126	449.8429	-95.5247	-128.529	-0.04337
486.1418	22.71025	10.86192	498.7185	499.1549	449.864	-81.25	-116.341	-0.04131
487.0242	59.78945	10.82441	498.5667	499.0495	449.8846	-56.1729	-47.4995	-0.02047
486.1365	48.21877	29.30674	497.7182	498.6052	449.9241	-70.7562	-41.6255	-0.02944
484.0542	38.2952	43.57282	496.703	498.0507	449.9405	-76.7747	-81.4444	-0.04447
478.516	5.30812	48.76781	493.8857	496.5944	449.9696	-96.4217	-142.868	-0.065
474.6303	15.97681	30.60736	491.4408	495.2166	449.9912	-88.766	-164.635	-0.05001
465.3786	7.729461	19.86004	486.6898	492.6494	450.0171	-93.9317	-216.653	-0.08785
458.5116	20.26684	9.671465	482.9288	490.3971	450.0258	-85.8474	-200.26	-0.08109
454.3329	20.28152	14.6577	479.7389	488.3079	450.034	-85.9361	-156.905	-0.06941
453.1992	50	16.09261	477.9959	486.834	450.0476	-73.3833	-127.31	-0.03441
449.0709	19.60392	30.18279	475.1115	484.7905	450.0528	-89.9493	-126.717	-0.06216
446.4367	28.41076	29.96181	472.5907	482.8599	450.0587	-91.0153	-120.561	-0.07837
446.1488	56.95975	32.67156	471.2617	481.4593	450.0647	-80.3046	-97.7388	-0.05902
447.3872	92.79784	34.99148	471.505	480.821	450.0761	-62.0812	-57.7989	-0.03721
446.9624	82.54961	59.38945	472.168	480.4502	450.0938	-55.9899	-41.3315	-0.00538
446.6509	76.80247	77.43573	472.5195	480.0059	450.1103	-48.4117	-31.2124	-0.00741
449.1023	69.31721	84.04997	473.0722	479.7175	450.1373	-43.762	-2.83709	0.033769
451.154	58.62476	76.2231	473.5398	479.4504	450.1373	-28.7682	-10.0708	0.030003
453.1476	5.882415	68.24815	471.6305	478.0933	450.1512	-77.7958	-71.7562	-0.0023
453.0635	23.60596	44.60813	470.5406	477.0898	450.1609	-66.6126	-76.3762	-0.00825
454.271	34.84065	29.37105	469.4013	476.0561	450.1714	-65.1593	-88.1085	0.008466
454.1012	35.81491	21.44301	468.0029	474.8899	450.181	-73.6101	-78.3733	0.003455
454.7371	75.19285	31.42051	468.0617	474.408	450.1923	-49.4441	-27.557	0.009555
454.8375	56.87028	48.61614	467.7838	473.8041	450.2018	-55.8191	2.477093	-0.01393
454.8851	42.939	55.95935	466.9924	472.9771	450.2153	-66.6419	-62.322	-0.02769
456.3155	67.37125	58.33404	467.6601	472.8553	450.2313	-40.6227	25.03902	-0.00658
456.0402	95.85216	55.72684	470.332	473.7569	450.2795	-3.28568	163.2256	0.018726
452.861	95.94072	68.7208	474.2159	475.3733	450.3091	-3.41834	255.3009	0.040884
450.5618	91.97825	86.38804	477.6394	476.9359	450.3367	-6.82404	219.93	0.076638

450.0465	76.35268	94.59038	479.6943	477.9774	450.3699	-18.1632	163.8052	0.056936
450.0543	53.95796	88.09055	480.61	478.5455	450.3913	-29.2458	108.0656	0.048607
450.2085	5.029889	74.0963	480.5352	478.6624	450.4081	-40.6875	69.08386	0.043041
451.4509	26.78359	45.11351	481.1082	479.077	450.4248	-32.119	66.89279	0.033892
453.7952	18.46151	28.59048	481.3149	479.327	450.4397	-42.1592	51.52634	0.034737
455.9368	18.3098	16.75833	481.1241	479.3824	450.4502	-47.9494	32.43405	0.037685
458.772	21.78022	21.18497	480.955	479.43	450.4627	-48.07	29.0935	0.018443
462.3277	89.34434	19.51717	482.0349	480.0629	450.4801	-28.7093	54.28216	0.006076
464.8317	73.61513	43.14478	483.2116	480.7755	450.5064	-27.1877	82.39938	-0.01189
468.5192	43.0028	61.5799	483.4071	481.0501	450.5207	-49.8385	54.92386	-0.02414
473.9272	48.08583	68.65409	483.7707	481.3998	450.5396	-61.9518	39.01513	-0.01064
476.345	90.57151	54.90125	485.3699	482.3454	450.5633	-24.7807	90.57162	0.017542
475.8385	44.46095	60.55338	485.7821	482.7679	450.5875	-51.3304	77.89312	0.016506
476.1661	67.06056	61.03943	486.7137	483.4397	450.6149	-27.362	58.16296	0.015649
477.3516	49.48306	67.36434	487.0487	483.8435	450.6396	-41.9631	55.86214	0.013346
477.8078	49.75694	53.66819	487.454	484.2761	450.6628	-38.0368	59.25567	0.020015
478.2537	41.54368	55.43352	488.0218	484.7848	450.7069	-47.7294	117.8512	0.023165
476.7708	5.187072	46.9279	486.2161	484.1552	450.7324	-94.8129	-107.389	-0.02395
475.2918	7.834854	32.16257	484.7683	483.6108	450.7447	-92.1651	-152.653	-0.0263
474.9371	17.43891	18.18854	483.9776	483.3158	450.7581	-82.5611	-120.892	-0.01002
473.5821	4.622775	10.15361	482.5618	482.6831	450.7718	-95.3772	-136.286	-0.02264
471.6069	6.105852	9.965512	481.2723	482.0533	450.7839	-96.3855	-139.028	-0.04044
467.6773	7.186571	9.389178	479.2096	481.0023	450.7937	-96.8708	-175.559	-0.04136
464.305	20.13655	5.971733	477.1024	479.8549	450.8014	-89.751	-191.698	-0.05352
460.0295	5.672849	11.14299	474.763	478.5247	450.8092	-97.0808	-182.859	-0.05522
451.6035	4.399018	10.99866	470.7719	476.3244	450.8106	-97.5439	-224.047	-0.08345
442.2751	3.592853	10.06947	465.5812	473.4139	450.8023	-97.8261	-234.61	-0.11018
433.6784	8.640405	4.554906	460.9186	470.5887	450.7925	-95.3216	-216.738	-0.08611
425.497	6.030711	5.544092	455.8912	467.4518	450.772	-96.8919	-191.078	-0.10185
419.4733	14.14138	6.08799	452.0107	464.7271	450.7519	-92.5898	-155.941	-0.10208
416.2577	39.76606	9.604164	449.5349	462.593	450.7399	-82.2994	-121.726	-0.08184
417.5718	83.88098	19.97938	448.9983	461.3674	450.7337	-64.5553	-77.8687	-0.05933
417.0304	92.81321	45.92947	448.8757	460.3922	450.7319	-60.7809	-63.9414	-0.04203
416.1905	66.66662	72.15341	447.9223	459.0801	450.7285	-68.2666	-64.1826	-0.04905
416.4582	44.57144	81.12027	446.3841	457.5129	450.7163	-76.2967	-73.1449	-0.0519
417.083	31.16203	68.01709	445.4407	456.2343	450.7136	-67.967	-67.0074	-0.01909
419.6212	63.43271	47.4667	445.2634	455.3495	450.711	-54.0924	-50.0327	0.016603
420.7313	11.27541	46.38873	443.8295	453.9119	450.7042	-70.4907	-62.1676	0.001536
423.4068	64.00918	35.29005	443.4543	452.9845	450.6998	-38.694	-51.78	0.030708
427.2912	49.20281	46.2391	442.8893	452.0064	450.6982	-42.0945	-49.2155	0.021162
428.5354	38.49662	41.4958	442.232	451.0147	450.6945	-46.9199	-43.9049	0.006192
428.1634	7.201702	50.56954	440.9368	449.7405	450.6874	-74.0614	-70.4138	-0.02743
421.6187	6.401281	31.63371	436.8118	447.1022	450.6596	-94.6335	-204.648	-0.07603
420.1564	34.81658	17.36654	434.7083	445.3272	450.6302	-70.8115	-194.416	-0.04414
416.3379	15.69085	16.13986	431.995	443.2342	450.6012	-86.5642	-183.408	-0.04762
414.3091	48.04761	18.96957	431.0897	441.9658	450.5841	-60.7761	-122.953	-0.03212
412.0969	44.63413	32.85168	429.5617	440.4245	450.5701	-72.7069	-121.071	-0.05206

410.4247	23.74531	36.1242	427.724	438.735	450.5551	-83.3705	-117.899	-0.04204
407.7503	11.82963	38.80901	425.5441	436.8698	450.5358	-94.4731	-129.198	-0.06306
407.3377	82.83216	26.73636	425.9323	436.2178	450.5153	-50.8184	-50.7979	-0.02664
407.2175	87.89952	39.46903	426.6761	435.814	450.4954	-40.6323	-25.0153	-0.0179
408.6145	88.41236	60.85377	428.0636	435.8052	450.4845	-25.2892	7.407956	0.004339
406.9637	96.63756	86.38135	431.0208	436.6555	450.4802	-3.36244	85.51899	0.080074
406.0507	93.48733	90.98315	433.8049	437.5787	450.4777	-5.79806	111.1075	0.061395
406.2288	53.41196	92.84575	434.4081	437.5896	450.4669	-34.4763	63.43349	0.049522
406.5388	53.46628	81.17895	435.1586	437.7152	450.4575	-30.5486	52.91303	0.030919
407.7974	35.02914	66.78852	435.9574	437.9105	450.4488	-27.8678	59.01705	0.045572
409.219	86.77313	47.30246	437.9897	438.7443	450.4449	-5.67338	98.27425	0.07555
408.8183	91.13041	58.42285	441.4277	440.3437	450.4569	-4.93709	158.1806	0.113121
410.8458	66.52179	70.97756	443.2585	441.3055	450.4615	-18.635	127.5176	0.059011
412.768	51.01857	81.47511	444.259	441.9319	450.4623	-25.605	97.24666	0.044096
414.792	94.06393	69.55692	447.3573	443.5961	450.4707	-3.22261	132.6262	0.065879
419.6434	60.62982	70.53476	449.3084	444.8141	450.4784	-16.3488	128.0194	0.028514
426.551	47.24412	68.57077	450.5706	445.7548	450.4834	-23.6331	104.3353	0.018693
430.404	16.91174	67.31262	450.5872	446.1194	450.4845	-50.7485	67.56449	0.02959
433.2449	9.073271	41.59523	449.5953	445.9728	450.483	-70.509	30.65693	0.01105
432.7399	25.09089	24.40971	447.6359	445.2977	450.4744	-74.9091	-29.7903	-0.00793
432.4779	50.12723	17.0253	447.4028	445.3587	450.4714	-52.2424	5.026565	-0.00678
433.3686	69.65064	28.09713	447.8496	445.7252	450.4701	-42	24.18629	-0.02179
435.4941	94.45383	48.28959	448.8638	446.3709	450.4712	-31.8788	65.48169	0.002458
437.0126	65.97768	71.41057	448.6019	446.4295	450.4711	-49.697	27.63261	-0.00578
437.7279	45.26704	76.69405	448.2927	446.4415	450.4692	-51.0909	-21.4099	-0.03834
436.6082	40.05419	68.56618	448.0615	446.4673	450.4669	-50.6061	-40.5738	-0.0288
433.1725	3.402727	50.43297	445.6598	445.4291	450.4542	-85.697	-129.727	-0.05478
426.2252	5.64201	29.57465	441.9779	443.6734	450.4375	-95.5016	-207.509	-0.06424
417.9535	6.267591	16.36631	438.1005	441.6809	450.4077	-95.6754	-225.024	-0.06161
413.7387	8.711097	5.104109	434.9491	439.8983	450.3856	-93.3871	-181.486	-0.04405
410.0213	9.090928	6.873566	432.1949	438.2056	450.3526	-93.8356	-159.916	-0.06517
408.9819	47.19807	8.023205	430.8969	437.1354	450.3287	-78.3675	-114.222	-0.05896
185.1538	0	21.6667	364.6051	404.755	450.3287	-100	-679.084	-1
185.111	98.71502	18.763	374.3685	406.4819	450.3138	-6.48669	13.39679	-0.0427
184.7113	99.37669	48.6377	385.415	409.4218	450.3054	-2.53192	36.06126	-0.00094
184.2435	97.60348	66.03057	393.7753	411.6688	450.2999	-3.93313	38.72294	-0.01574
183.6603	97.28467	98.56506	400.6283	413.643	450.2945	-2.71533	36.33054	0.013572
183.6002	26.06284	98.08828	405.2612	414.9096	450.2835	-4.39729	28.2607	0.021375
182.9904	6.912431	73.65033	408.3812	415.6971	450.2675	-5.55159	20.48276	0.021035
182.3102	6.200869	43.41998	410.7774	416.3089	450.2542	-5.90337	18.60057	0.015181
182.8612	24.59539	13.05871	413.4031	417.1634	450.2415	-5.0404	22.0339	0.025891
183.2085	6.927313	12.56956	414.5809	417.4519	450.2256	-6.54648	18.23592	-0.00637
183.3529	5.070381	12.57452	414.9679	417.4256	450.2054	-7.42593	12.25629	#DIV/0!
183.6274	56.4847	12.19769	416.4193	417.9424	450.1807	-5.80443	20.86124	-0.00856
184.1807	88.73249	22.82746	418.5466	418.8538	450.1714	-4.50723	33.2796	-0.03569
184.0212	43.54401	50.09586	419.3941	419.2391	450.1566	-77.1449	32.48073	-0.0357
214.2592	37.91211	62.9204	419.955	419.5207	450.1436	-80.1009	27.52766	-0.03486

411.8865	9.97408	56.72954	419.5038	419.3356	450.1252	-94.6192	23.01511	-0.03185
409.5473	25.51813	30.47673	419.5792	419.3843	450.1123	-83.7593	23.33413	-0.01304
410.9826	17.61657	24.46811	419.4106	419.3176	450.0974	-87.3253	20.8918	-0.01291
409.4741	13.03261	17.70293	418.0792	418.6834	450.0623	-90.114	12.34852	-0.03994
405.9322	16.38689	18.72244	415.6115	417.4505	450.013	-86.3787	-1.607	-0.04517
402.2283	24.71917	15.67869	413.451	416.2741	449.9733	-82.1806	-12.0688	-0.03723
400.8364	55.70225	18.04622	412.785	415.7443	449.9351	-63.1775	-116.89	-0.036
400.0612	75.00003	32.26944	412.9873	415.6225	449.9089	-50.6541	-98.727	-0.03753
399.6055	66.27498	51.80715	412.2897	415.0914	449.8863	-64.8598	-96.4828	-0.03679
399.4166	85.54636	65.65909	412.3244	414.9006	449.8492	-54.6417	-73.423	-0.02488
398.4028	93.61708	75.60712	414.8721	415.9364	449.8198	-13.4579	49.43832	0.028446
394.957	95.45981	81.81281	419.2529	417.9669	449.8051	-3.80304	172.9982	0.055605
392.5146	94.90848	91.54108	423.6646	420.1863	449.8008	-3.96083	212.0453	0.070363
388.6939	97.72035	94.66179	428.7807	422.9072	449.8041	-1.75371	221.0625	0.112384
386.7487	85.05154	96.02955	433.1973	425.4688	449.8118	-11.1422	199.8288	0.13792
385.5643	86.07675	92.56012	437.2925	428.0131	449.8211	-7.85888	173.8502	0.145051
385.4845	68.38772	89.61621	440.6434	430.3138	449.8336	-11.8025	147.5652	0.122094
387.5759	10.86621	79.83867	440.3393	430.9326	449.8271	-39.6686	72.46038	0.059327
391.0751	5.567186	55.11022	439.381	431.1679	449.8164	-51.7149	32.53175	0.062815
396.5395	16.49414	28.2737	438.8215	431.507	449.8063	-49.1997	24.00656	0.056313
402.2901	13.00129	10.97584	438.1424	431.7218	449.7974	-54.7193	23.24074	0.012877
406.8098	16.89143	11.68754	437.7088	431.9886	449.7887	-55.3065	18.61974	-0.0181
411.0095	29.12277	15.46229	437.0675	432.1035	449.7812	-61.939	17.77187	-0.03212
416.1846	21.55602	19.67183	435.7552	431.8394	449.7682	-92.2449	-3.51461	-0.06211
417.7784	6.190423	22.52341	433.4866	431.0372	449.749	-97.3168	-34.6733	-0.07974
416.3693	37.28184	18.95641	432.5081	430.7475	449.7106	-84.5717	-36.6999	-0.07109
415.9295	93.65591	21.67609	433.8595	431.5286	449.7018	-55.0568	14.09151	-0.03873
415.1479	82.26102	45.70939	435.0944	432.2958	449.6958	-53.8184	40.31938	0.007339
415.2555	60.38599	71.06626	435.2325	432.5696	449.6833	-66.0991	1.4734	0.004336
415.2914	42.33988	78.76764	434.6255	432.4746	449.6691	-74.07	-56.7073	-0.01023
417.7814	71.0526	61.6623	435.5558	433.0819	449.659	-22.2427	-21.4233	0.014423
422.7605	86.00483	57.92616	436.8193	433.8735	449.6543	-10.7536	16.23876	0.019399
422.4595	22.0532	66.46577	435.812	433.6067	449.6426	-60.8456	-46.4718	-0.00754
422.4791	66.03561	59.70354	436.2093	433.9613	449.6311	-30.6985	-42.3116	0.023
422.5329	49.70426	58.03121	436.0197	434.0365	449.623	-43.3823	-34.6489	0.033177
422.328	39.64496	45.93102	435.5354	433.9503	449.6173	-51.1949	-38.4289	0.013452
422.3902	91.11406	51.79494	436.4667	434.5161	449.6126	-18.8419	41.7027	0.000673
422.7731	80.652	60.15443	437.5596	435.1868	449.6086	-16.1971	153.9309	0.003811
423.5801	94.74326	70.47034	439.4978	436.2958	449.6083	-3.9963	210.6393	0.032491
427.1901	58.83007	88.83644	440.2158	436.8787	449.6069	-32.0446	151.7661	0.029859
428.4947	73.2639	78.07511	441.3644	437.6789	449.6059	-19.8453	130.0831	0.015904
428.4867	27.43053	75.61241	441.6237	438.0767	449.6045	-35.9106	93.07527	-0.00162
428.651	5.810531	53.17484	441.0888	438.0819	449.6003	-52.9209	26.71023	0.018303
429.3199	14.48868	35.50166	440.6896	438.1124	449.5963	-51.7181	11.46517	0.000226
429.2815	10.55546	15.90992	439.6278	437.7921	449.5804	-68.0412	-25.5944	-0.00273
428.2487	13.88877	10.28489	438.8208	437.5395	449.5618	-65.9794	-52.3182	0.00349
429.0297	91.94527	12.97764	440.0621	438.2321	449.5563	-29.0286	61.52076	0.012002

430.4742	56.94438	38.7965	440.838	438.7413	449.5542	-41.3758	106.9304	0.003462
431.1008	52.02989	54.25947	441.3194	439.1283	449.5511	-47.9701	70.34631	-0.01375
431.7665	86.65207	66.97318	442.9725	440.0866	449.5509	-13.0342	122.842	0.017786
433.0364	72.91669	65.20878	443.9942	440.7923	449.5515	-23.6111	122.0534	0.004315
432.4291	6.582651	70.53288	443.1593	440.6275	449.548	-71.2608	6.247608	-0.01012
431.1879	16.03528	55.3838	442.3196	440.4107	449.5432	-75.0001	-52.5763	-0.00102
431.7453	71.84346	31.84487	443.2931	441.0208	449.541	-27.7778	55.69143	0.023156
430.074	8.0832	31.48713	441.9336	440.5346	449.5343	-88.9958	-49.0067	0.001541
430.2746	44.56681	31.98732	441.7511	440.5503	449.5245	-61.859	-54.3199	0.014652
430.6293	77.51736	41.49782	442.5034	441.0015	449.5221	-36.4316	37.53247	-0.00055
431.1419	83.58627	43.38912	443.3077	441.5	449.52	-32.4946	46.15407	0.005898
430.1157	83.77004	68.55681	446.0647	442.9613	449.5286	-16.23	201.5951	0.03888
424.2507	97.06024	81.62456	452.0361	446.0663	449.59	-2.81495	372.2806	0.072587
419.4641	91.62371	88.13885	458.4376	449.5907	449.6772	-7.34463	339.6702	0.097934
417.3252	85.28137	90.818	463.477	452.6725	449.7143	-12.5879	241.326	0.119995
416.6726	88.05581	91.32177	467.9926	455.647	449.7451	-10.1444	187.0401	0.125948
417.0547	76.6404	88.32029	471.5011	458.2507	449.7802	-13.1803	148.358	0.09395
417.1576	83.20759	83.32586	475.51	461.1624	449.8342	-3.28776	132.1613	0.145243
419.376	53.95175	82.6346	478.6087	463.7172	449.8775	-9.5408	117.9291	0.124572
424.2736	44.77425	71.26658	480.4801	465.7213	449.9113	-16.554	77.56027	0.098808
429.4551	66.74575	60.64453	482.7685	467.9164	449.9559	-10.3055	83.60189	0.106366
434.6913	79.92873	55.15725	485.1277	470.1525	449.9871	-6.80903	86.70919	0.079951
443.8917	81.36131	63.81624	487.5202	472.4137	450.023	-7.03278	86.8267	0.032586
453.3181	73.71721	76.01193	489.2665	474.3735	450.0527	-9.98015	73.98603	0.010585
463.2299	86.77161	78.33575	491.3804	476.4945	450.0795	-4.81378	72.57395	0.02405
475.9998	32.79006	80.61671	492.2319	478.0071	450.1034	-34.555	65.1189	0.008291
486.8102	17.61562	64.42629	492.4456	479.1637	450.133	-48.4817	49.03033	0.005752
487.5728	11.88809	45.72576	491.9254	479.8971	450.1617	-67.7487	31.69775	-0.01707
487.9625	52.16794	20.76459	492.5825	481.1044	450.1929	-37.5916	45.72952	0.001099
488.5577	71.30037	27.22388	493.5347	482.4132	450.2133	-26.7016	62.09013	0.016299
488.9207	49.91488	45.1188	493.6394	483.2874	450.2331	-45.9686	53.31866	-0.0023
489.3343	89.60002	57.7944	494.7453	484.5867	450.262	-18.0104	106.6344	0.005469
488.4745	89.08118	70.27175	496.6374	486.2502	450.2978	-9.18257	215.2832	0.012712
488.6112	73.75001	76.19869	498.086	487.717	450.3229	-19.6875	191.1738	0.014396
489.1961	82.19749	84.14374	499.5441	489.1872	450.3386	-13.3333	168.7631	0.009059
489.4695	26.10763	81.67623	499.4863	489.9265	450.3563	-48.6458	67.93496	0.004535
486.4459	93.0663	60.68504	502.6835	492.1741	450.4035	-5.0142	220.4685	0.053984
485.5011	65.36098	67.12381	505.0003	494.068	450.4604	-26.6234	252.854	0.058639
485.6905	34.25505	61.51164	505.4175	495.0787	450.4948	-50.5312	114.4807	0.023208
485.6137	5.446337	64.22744	504.2694	495.2918	450.5391	-73.7898	4.923828	-0.00164
486.298	14.98154	35.02079	503.6713	495.6688	450.5676	-74.2268	-22.9891	0.012477
486.56	5.148549	18.22764	502.0794	495.4951	450.5963	-94.8515	-77.151	-0.01498
487.5786	13.98785	8.525476	501.0486	495.4865	450.6189	-89.3729	-72.6103	-0.023
487.3992	29.6992	11.37265	500.306	495.5409	450.651	-84.7784	-68.844	-0.01943
487.3693	46.62913	16.27854	499.7233	495.6134	450.6711	-84.0077	-36.9626	-0.02176
485.7	23.63362	30.1054	498.1291	495.1502	450.692	-90.8936	-105.601	-0.01965
483.1935	22.89517	33.32065	496.7612	494.7123	450.7168	-91.1781	-101.292	-0.05964

480.1406	3.98904	31.05264	494.9331	493.9839	450.7303	-98.3951	-137.138	-0.06347
478.0421	19.6185	16.83928	493.7978	493.5075	450.7441	-92.0617	-117.988	-0.03971
475.1776	10.69263	15.5009	491.6598	492.4996	450.7568	-95.7426	-150.699	-0.03626
470.3536	18.69157	11.43339	489.6298	491.46	450.7672	-91.2712	-159.842	-0.0438
466.5869	4.396652	16.33423	486.1519	489.6499	450.7754	-97.3699	-185.071	-0.05331
463.1907	6.114636	11.26028	482.4812	487.6234	450.7811	-95.4753	-191.083	-0.06679
463.8025	63.21551	9.734287	481.9357	486.9799	450.794	-55.5358	-116.586	-0.03484
461.3122	48.13565	24.5756	480.2358	485.7878	450.8042	-74.7779	-113.115	-0.05162
459.6341	34.50713	39.15526	478.2945	484.4418	450.8095	-82.5932	-116.389	-0.04443
458.3336	59.15491	48.61943	477.452	483.5808	450.8173	-70.1599	-98.4064	-0.03356
452.834	4.377589	47.2659	473.8206	481.3784	450.8253	-97.2253	-147.251	-0.064
447.5949	15.86963	32.67988	470.1116	479.0327	450.8234	-89.4508	-185.613	-0.07761
428.9159	8.076955	26.46738	460.9991	473.9844	450.7723	-93.4375	-277.719	-0.14382
418.4668	21.08391	9.441392	454.7059	469.9924	450.7031	-82.8693	-226.451	-0.122
411.4199	24.93837	15.01017	449.7808	466.4888	450.6815	-79.274	-171.239	-0.09492
407.0368	54.47286	18.03308	446.8137	463.8225	450.6583	-67.1378	-126.129	-0.06878
405.135	83.69237	33.49838	444.5507	461.473	450.6501	-64.6753	-103.14	-0.09778
401.4335	54.68228	54.36787	441.3785	458.6922	450.6287	-75.3896	-108.314	-0.09972
397.7344	9.916469	64.2825	437.4713	455.5285	450.5982	-85.8117	-116.242	-0.11042
394.8122	30.16707	49.43037	434.9044	452.955	450.5734	-78.6824	-94.7357	-0.11005
391.2037	39.14402	31.58861	433.0601	450.7299	450.5595	-74.9301	-81.0883	-0.06815
390.7264	22.61784	26.40918	430.1317	448.011	450.5348	-87.4825	-94.9099	-0.07935
390.0623	22.72103	30.64298	427.448	445.3945	450.5187	-89.292	-88.9486	0.0044
391.2422	65.91872	28.16096	426.3508	443.5368	450.5005	-67.4121	-72.625	0.000531
399.2687	91.32454	37.08586	427.3616	442.7505	450.4853	-13.7692	-29.6254	0.024197
402.8798	78.17164	59.9881	427.6798	441.7638	450.4748	-26.7558	-30.9434	-0.00247
409.6425	66.88427	78.47163	427.4879	440.6281	450.4647	-38.0829	-28.0427	-0.01312
411.4489	72.29477	78.79348	427.5466	439.683	450.4565	-33.0742	-32.0604	0.009288
411.7418	58.51065	72.45023	427.8363	438.9235	450.4456	-27.6338	-16.324	0.032327
411.2718	81.13945	65.89657	428.5043	438.4239	450.435	-11.4739	22.9882	0.027073
409.2645	91.38652	70.64829	430.8107	438.7996	450.4216	-5.51078	134.0569	0.048662
409.6855	55.0421	77.01221	431.444	438.5128	450.414	-28.7634	108.9837	0.050485
409.7293	6.181866	75.85602	429.6787	437.1391	450.3975	-69.3548	3.11726	0.017643
410.3693	17.39495	50.87016	428.3716	435.9572	450.3783	-66.0618	-57.676	0.002062
409.0005	4.015498	26.20631	426.275	434.3858	450.3364	-83.5349	-102	-0.04199
407.8724	9.327696	9.197439	424.2647	432.8171	450.3183	-87.7016	-118.449	-0.03777
408.4933	24.91497	10.24605	423.059	431.6031	450.2952	-80.0409	-87.5437	-0.02346
410.2623	93.54011	12.75272	423.6809	431.2696	450.2758	-50.6812	-0.69758	-0.00179
410.1893	80.66875	42.59426	424.39	431.0489	450.268	-47.4115	53.36058	-0.00265
409.8494	96.87014	66.37461	426.7656	431.6994	450.2583	-15.6676	111.9246	0.017707
408.9706	96.70698	90.35967	429.5414	432.6705	450.2546	-3.29302	159.6525	0.00296
407.1809	94.65746	91.41529	433.0904	434.1475	450.2543	-4.62206	193.9424	0.040656
407.387	51.30358	96.07819	434.2112	434.6088	450.2515	-31.4845	135.6119	0.048591
407.5027	45.3736	80.88934	435.0262	434.9718	450.2481	-33.3877	99.11566	0.043511
406.805	28.04377	63.77821	436.0512	435.4693	450.2462	-28.6025	89.98666	0.064967
407.4634	33.10536	41.57365	437.0594	435.9978	450.2439	-26.5905	71.88796	0.071142
408.2356	64.22161	35.50758	438.6249	436.8303	450.2425	-16.4219	95.25992	0.073982

410.0568	75.25408	41.79025	440.0068	437.6286	450.2417	-15.6063	99.36936	0.048011
412.2663	100	57.52702	442.0219	438.775	450.2424	-3.53453	107.5106	0.057939
412.5102	97.57871	79.82523	447.438	441.6232	450.2754	-1.57479	211.707	0.085023
416.221	86.25435	90.94426	451.5027	444.011	450.2939	-9.25067	182.8702	0.065308
420.4938	73.49397	94.61102	454.8124	446.1595	450.3093	-17.5299	162.5087	0.045086
423.6751	73.06614	85.77568	457.6626	448.1728	450.3212	-20.5252	139.3521	0.074851
427.5281	5.473415	77.60482	459.0988	449.5673	450.3302	-34.2444	112.2016	0.062546
429.6185	5.748699	50.67784	460.0627	450.7374	450.338	-37.7813	88.4272	0.053603
430.8489	15.7015	28.09609	460.6801	451.7254	450.3449	-40.568	71.82451	0.048512
432.4633	25.72412	8.974537	461.5112	452.7889	450.3534	-36.7791	70.4338	0.04214
435.8388	53.77631	15.72477	462.7249	454.0194	450.3641	-29.4886	77.44402	0.048689
439.7096	94.6203	31.73398	464.674	455.6027	450.3709	-18.5529	86.15671	0.049191
443.7272	91.98519	58.04024	466.8871	457.3402	450.3843	-10.174	102.2475	0.00384
448.6778	40.82401	80.12727	467.5481	458.3656	450.3942	-33.2398	72.62183	-0.00564
452.7459	8.571497	75.80983	466.9872	458.7758	450.401	-85.1441	23.14751	-0.01927
458.0658	46.19051	47.1269	467.7167	459.7352	450.4077	-50.1109	43.06403	-0.0034
461.1568	73.32693	31.86201	469.0082	460.9483	450.4219	-26.6731	45.29368	0.019515
458.2402	10.98813	42.69631	467.1674	460.659	450.4274	-89.0119	-20.3934	-0.01788
457.0867	36.73274	43.50186	466.3946	460.769	450.4329	-69.3388	-50.1192	-0.00416
456.1544	39.2079	40.34927	465.836	460.9168	450.4405	-67.2727	-43.0485	-0.00712
455.1855	26.23767	28.97626	464.8642	460.8132	450.4443	-78.0991	-73.4472	-0.02105
451.9202	4.137259	34.05944	462.8417	460.1395	450.4462	-96.8486	-161.263	-0.0498
451.7504	77.3792	23.19428	462.864	460.3504	450.4514	-61.8754	-89.5398	-0.03355
451.9434	86.11441	35.91804	463.8048	460.9896	450.4589	-43.2743	-15.4497	-0.00468
451.8729	91.34517	55.87696	465.1267	461.8346	450.4681	-32.6671	59.90361	0.018311
450.9486	93.67393	84.94626	467.3082	463.1288	450.4844	-11.2221	128.1734	0.016065
448.592	95.58229	90.37784	470.7506	465.0958	450.5201	-4.02442	210.2882	0.028505
448.5254	79.91044	93.5338	472.9318	466.5649	450.5362	-16.2931	171.7906	0.061013
449.0084	45.14036	89.72222	473.8668	467.4867	450.5738	-30.7692	107.9669	0.036493
449.2658	35.82632	73.54436	474.5665	468.2962	450.5894	-32.2229	85.09928	0.033822
448.7368	53.43992	53.62571	476.0768	469.4879	450.5993	-17.6257	95.02134	0.054109
449.8705	51.04004	44.8022	477.2976	470.5638	450.6156	-18.5342	105.5569	0.071491
452.253	15.16254	46.76876	477.4353	471.1288	450.6314	-32.768	54.94987	0.032843
453.6668	5.867293	39.88083	476.5306	471.1604	450.6457	-49.0006	20.26554	0.005492
454.5334	9.082335	24.02329	474.9155	470.7806	450.6508	-68.5714	-34.1464	-0.01347
453.3956	4.007885	10.03739	471.6439	469.5116	450.6535	-96.1707	-99.7301	-0.05353
457.2302	59.19493	6.319171	471.5007	469.6006	450.6654	-52.919	-34.891	-0.03874
458.4786	66.66674	24.09505	471.5776	469.7784	450.6807	-49.6547	1.162144	-0.02666
458.8185	83.41553	43.28985	471.8066	470.0219	450.6904	-46.9554	9.970898	-0.01241
458.8237	96.85108	69.75906	473.5853	471.0105	450.7092	-20.8411	60.17069	0.010353
458.0394	86.82461	82.31111	475.2999	472.0268	450.7264	-13.5348	95.61097	0.000716
456.5755	92.64908	89.0304	479.1168	474.107	450.762	-5.18846	170.1144	0.033258
456.6187	66.52171	92.10826	480.99	475.38	450.7902	-22.6138	141.3922	0.027397
456.5255	62.67314	81.99847	482.5903	476.5661	450.8105	-22.418	109.0105	0.042067
456.2946	33.25296	73.94798	483.5787	477.4882	450.8295	-27.117	96.75121	0.049314
455.6814	69.7297	54.14927	485.6723	478.9474	450.853	-10.9643	117.5922	0.095971
455.816	66.19996	55.2186	487.1962	480.1793	450.8749	-14.1459	108.8205	0.052823

456.2198	88.7395	56.39421	489.2362	481.6813	450.9003	-4.5032	120.766	0.060286
457.7949	90.49	74.88972	491.3433	483.2554	450.9314	-3.34343	123.5423	0.063135
462.1531	50.52265	81.80982	492.2957	484.3131	450.9473	-18.7335	92.84545	0.029306
470.0089	78.2053	76.58405	493.8712	485.663	450.9848	-6.91988	93.01053	0.036734
474.0471	78.88353	73.07265	495.2615	486.9404	450.9961	-6.58591	90.43616	0.005596
478.7182	26.06073	69.20383	494.91	487.3875	451.0495	-52.8138	45.16127	0.003428
483.9184	55.90922	61.04986	495.3632	488.163	451.0776	-34.892	56.86694	0.013154
485.188	88.00773	53.61783	497.8079	489.8734	451.1383	-11.3971	109.4529	0.045478
487.0051	51.35401	56.65923	498.4325	490.7619	451.1801	-46.2316	91.4626	0.009414
487.2067	75.53197	65.09032	499.9135	492.0432	451.2288	-23.2536	123.8804	0.025186
485.7874	85.57988	71.63124	503.1365	494.1779	451.3044	-12.4157	192.4873	0.040776
486.5958	69.30765	70.82196	505.395	495.929	451.3696	-25.3495	220.4744	0.029594
484.7828	84.21059	76.8065	509.6987	498.7023	451.5987	-12.5181	264.3431	0.072026
485.2209	64.31755	79.69938	512.1821	500.7125	451.6837	-27.2682	195.4979	0.046373
485.4755	79.1111	72.61193	515.1711	503.0013	451.7777	-15.9631	182.0315	0.057074
485.7973	10.71642	75.87975	513.3988	503.0494	451.845	-70.7424	48.46933	0.021652
487.2741	43.47834	51.38169	513.9375	504.0754	451.8977	-44.784	42.15563	0.038253
486.9221	14.62313	44.43529	511.4177	503.5927	451.9849	-82.6783	-48.302	-0.02679
483.4169	6.648926	22.93929	507.7348	502.3991	452.0371	-93.3658	-96.5946	-0.02867
483.2064	25.59436	21.58346	506.1388	502.0259	452.0794	-75.7187	-71.828	-0.02106
483.777	37.27765	15.62214	504.773	501.673	452.104	-75.8956	-57.315	-0.04531
482.2372	38.91757	23.17365	503.2669	501.1774	452.1344	-79.9646	-72.8913	-0.0441
482.2186	81.95717	33.92986	503.3298	501.3625	452.1795	-64.4405	-40.7134	-0.05567
482.7983	89.9892	52.71746	504.7927	502.2126	452.2242	-48.076	19.67301	-0.02473
482.0632	74.35906	70.28798	505.6419	502.8126	452.2476	-52.5873	21.10334	-0.04006
480.2769	20.76024	82.10181	504.1393	502.2986	452.2753	-78.3245	-61.8954	-0.01544
475.2787	9.580844	61.70284	501.3628	501.0982	452.297	-94.4105	-138.057	-0.0596
473.6209	9.65838	34.90005	498.3772	499.6803	452.3209	-93.7843	-131.819	-0.03136
470.8668	11.81597	13.33315	495.6871	498.2885	452.3449	-89.2534	-136.009	-0.01351
472.3059	4.141659	10.35173	492.6603	496.6385	452.3579	-96.3029	-127.42	-0.04292
467.246	14.70588	8.538668	489.8287	494.9804	452.3754	-91.8301	-135.71	-0.04627
467.4913	26.74307	10.22117	487.8251	493.6341	452.3913	-84.9705	-120.97	-0.03672
460.336	13.05917	15.19687	483.2265	490.9897	452.3987	-92.8345	-171.733	-0.09082
450.6325	19.07961	18.16937	477.9638	487.8807	452.3965	-87.9961	-201.701	-0.12444
448.1221	69.08131	19.62728	476.574	486.477	452.4061	-61.8412	-124.977	-0.08109
444.5669	50	33.74003	474.1635	484.5828	452.4125	-72.3813	-108.216	-0.07052
442.6563	82.85161	46.05364	473.8041	483.638	452.4211	-58.0351	-91.6649	-0.02935
440.8422	64.5161	67.31097	472.5475	482.3045	452.431	-64.0636	-67.8799	-0.03386
442.9997	53.44165	65.78924	471.8081	481.2258	452.4372	-50.1771	-67.6042	-0.02735
448.4047	87.76292	66.93645	472.5502	480.8855	452.4484	-34.2781	-34.5149	0.001301
450.9674	63.5755	68.57356	472.2143	480.1063	452.4631	-36.3495	-42.729	-0.0082
452.0209	50.91751	68.26002	472.1586	479.4949	452.4742	-33.2471	-43.5925	-0.01039
452.2753	21.80947	67.41864	471.46	478.6151	452.4905	-34.04	-50.6964	0.021145
453.1424	34.60833	45.43416	471.3451	478.0297	452.4966	-26.6784	-37.4539	0.048315
453.0263	53.10405	35.77844	472.4899	478.0858	452.5279	-26.2441	25.33617	0.021019
451.5284	77.68449	36.50728	474.575	478.6752	452.5481	-12.4883	97.42585	0.054538
449.9331	93.99295	55.13229	477.8785	479.9621	452.5811	-4.75656	191.9943	0.051333

449.893	93.7952	74.92716	481.5387	481.5701	452.6106	-5.06888	214.4397	0.077385
452.7864	86.02408	88.49088	484.1443	482.8223	452.6271	-11.4173	181.1212	0.065707
452.002	94.11327	91.27075	487.9187	484.7375	452.6548	-4.0667	186.7647	0.067235
451.7602	96.11654	91.31085	492.2326	487.0502	452.6825	-2.02018	179.574	0.09693
453.7436	29.4422	92.08463	493.6007	488.0928	452.7259	-30.7935	123.1438	0.062037
456.9288	25.94346	73.224	494.9678	489.159	452.7568	-28.3138	102.9537	0.074568
459.7285	31.90102	50.50073	496.5246	490.3389	452.7811	-23.5798	98.00837	0.073026
462.2395	31.16539	29.09556	497.8991	491.4589	452.8028	-22.9035	87.35992	0.055708
466.2403	40.29663	29.66996	499.1574	492.5418	452.8249	-21.7764	72.4883	0.041221
471.0967	33.54524	34.45435	499.7839	493.3335	452.8598	-26.9612	73.74686	0.014478
477.9997	69.15733	35.00242	501.1675	494.4775	452.8896	-23.0153	73.23652	0.014168
485.1159	88.34963	47.6664	503.1079	495.9073	452.9189	-14.6631	89.33655	0.030704
490.3043	90.59838	63.68407	505.5537	497.6183	452.9576	-8.03645	108.6936	0.020302
494.7282	42.73296	82.70178	506.202	498.5182	452.9959	-47.282	76.15649	-0.012
496.261	12.97809	73.89365	506.08	499.0287	453.0335	-68.0557	47.01377	0.008549
497.2951	56.28426	48.76981	507.1846	500.0828	453.0696	-34.188	78.83784	0.021439
497.9568	85.7925	37.33177	508.9422	501.4552	453.1064	-11.111	139.5154	0.026771
497.2978	73.2342	51.68495	510.2885	502.6579	453.1833	-21.365	138.9747	0.024204
498.4721	46.59239	71.77032	510.6084	503.3772	453.2119	-42.631	81.23763	0.01243
500.0145	41.48055	68.5397	510.9249	504.0652	453.2316	-41.4441	58.79099	0.01875
501.041	14.05319	53.76905	510.5755	504.4051	453.2543	-57.4679	22.87456	-0.00024
501.9502	34.1715	34.04205	510.7979	504.9693	453.2699	-50.5682	20.98036	-0.00342
502.9212	58.49425	29.90175	511.2529	505.6201	453.2902	-46.4684	52.17392	-0.01012
504.1214	44.04937	35.57298	511.5693	506.1897	453.3225	-48.699	85.7371	0.006947
505.9105	56.25975	45.5717	512.138	506.862	453.347	-38.9096	74.80451	0.019502
506.0918	71.57015	52.93445	513.1602	507.745	453.3753	-24.0429	135.0834	0.01076
503.8533	91.94561	57.29309	515.4463	509.2468	453.4206	-7.09676	230.4053	0.018146
503.4536	86.6924	73.2585	517.2816	510.5897	453.4741	-10.3623	188.9666	0.018704
504.3652	11.65333	83.40272	516.7429	510.826	453.5288	-68.2007	73.52764	0.002755
505.82	17.62189	63.43045	516.5804	511.1861	453.5564	-60.1464	31.15707	0.005893
505.6086	23.76833	38.65587	516.2753	511.4388	453.5838	-64.7491	-9.04049	0.011685
502.9954	8.08438	17.68118	514.3369	510.8637	453.7105	-92.0139	-123.963	-0.0163
501.1873	15.31594	16.49153	512.7005	510.3331	453.7609	-84.8559	-169.479	-0.01957
499.85	26.74149	15.72288	511.5026	509.9317	453.7896	-80.9296	-120.178	-0.01636
495.5483	10.16806	16.71394	508.7592	508.7271	453.8908	-92.7169	-214.392	-0.04191
489.4926	5.868902	17.4085	505.371	507.0982	453.9221	-95.7716	-243.849	-0.06177
485.0504	18.66529	14.25949	502.828	505.7458	453.936	-90.2611	-202.643	-0.0742
479.7728	5.733087	11.56742	499.8266	504.0846	453.9576	-96.8605	-178.798	-0.08354
475.5052	11.51773	10.08909	497.4621	502.6307	453.9734	-94.4931	-153.262	-0.05707
471.4409	15.73233	11.97203	495.2443	501.18	453.998	-95.5748	-133.833	-0.0633
467.1033	6.976786	10.99438	492.8876	499.6056	454.0131	-98.092	-127.193	-0.06738
467.1327	57.60296	11.40895	491.9717	498.667	454.0316	-81.0588	-90.0978	-0.03324
469.3944	81.84211	26.77069	491.1548	497.7778	454.0405	-80.6832	-78.8959	-0.03383
468.4848	44.21075	48.80729	489.9188	496.692	454.0542	-89.1542	-84.8933	-0.04316
470.1806	94.85299	61.21861	490.1988	496.3251	454.0712	-56.2341	-52.3411	-0.00391
472.7855	33.67755	73.63528	489.3194	495.4479	454.0891	-81.0857	-62.24	-0.00463
472.9587	24.58672	57.58043	488.4076	494.5549	454.0995	-82.8544	-71.2421	-0.01115

473.2417	10.05378	51.03909	487.1179	493.4786	454.1124	-91.3044	-78.2171	-0.00681
476.7529	21.4285	22.77268	486.1334	492.5334	454.1205	-79.0925	-86.4791	-0.00772
474.2319	12.45831	18.68967	483.8258	490.9483	454.1272	-88.6525	-131.83	-0.02466
467.8287	5.50725	14.64686	480.5778	488.8569	454.1353	-95.4654	-205.163	-0.03586
463.0799	7.571885	13.13135	477.5095	486.7662	454.1406	-93.6542	-235.139	-0.05401
460.4135	31.59026	8.512482	475.7095	485.2139	454.1453	-78.4099	-187.265	-0.04285
459.4173	55.24329	14.8898	475.0056	484.171	454.1508	-62.7279	-122.134	-0.02481
458.3076	73.48368	31.46848	474.0785	483.0457	454.159	-69.0736	-103.795	-0.04628
457.8445	95.70724	53.43908	475.4162	483.0255	454.1716	-28.4464	-6.93938	-0.00353
457.9976	76.05239	74.8114	476.091	482.7867	454.1815	-37.199	20.83104	-0.00743
458.1239	41.38775	81.74777	475.8351	482.1676	454.2013	-50.3852	-19.8589	-0.01166
457.0745	25.40098	71.04913	475.2948	481.4383	454.2081	-51.349	-40.3112	-0.01746
458.7161	30.63181	47.61371	475.0395	480.8603	454.215	-46.7363	-55.1043	0.005309
459.1881	39.97255	32.47351	475.0826	480.4499	454.2219	-39.1226	-18.7085	0.027243
459.7432	34.76694	32.00178	474.7494	479.8919	454.2283	-47.8067	-30.028	0.026667
459.7935	47.38098	35.12377	474.4866	479.3845	454.2421	-47.359	-30.4512	0.015524
460.7545	50.27916	40.70682	474.1918	478.8797	454.2504	-49.06	-36.53	0.003049
461.1654	80.58603	44.14236	475.2416	479.0379	454.2652	-19.364	52.36729	0.025664
462.7876	78.15606	59.41539	476.5528	479.388	454.2833	-17.8034	113.3772	0.002052
465.0572	90.63822	69.67375	477.9976	479.8736	454.2945	-8.18866	111.7556	0.012801
466.5862	74.7586	83.12677	478.8505	480.1453	454.3067	-22.7047	116.5773	0.01921
467.075	93.72942	81.18429	480.2084	480.7033	454.32	-4.58933	135.0651	0.032508
467.8579	56.50333	86.37541	480.725	480.9153	454.3302	-24.6376	91.37011	0.020967
468.0674	50.53297	74.99712	481.0555	481.0603	454.3415	-28.0194	81.68167	0.015891
467.7351	90.60673	66.92191	482.5009	481.7559	454.3548	-5.05259	127.5247	0.037076
468.4069	73.98513	65.88101	483.4878	482.2863	454.3728	-15.6667	135.938	0.033558
469.8273	49.63088	71.70828	483.8199	482.5352	454.388	-30.3334	90.0102	0.02767
471.1478	47.61003	71.40758	484.0971	482.7638	454.399	-30.4444	61.02604	0.009576
470.2335	29.7119	57.07535	482.1219	481.9115	454.4141	-70.2881	-120.94	-0.02585
470.3352	36.62552	42.3176	480.7705	481.2765	454.4199	-63.3745	-99.201	-0.02594
470.7138	46.47622	37.98248	479.7909	480.7673	454.4256	-59.8354	-54.5006	-0.0189
471.5185	68.92998	37.60455	479.6555	480.6298	454.4323	-44.856	-13.8949	-0.01798
471.2059	81.06573	50.67724	479.7123	480.585	454.445	-41.1523	19.31421	-0.00732
470.9591	89.05408	65.49064	480.088	480.7013	454.4519	-34.0741	28.10672	-0.00149
471.0029	82.12437	79.68326	481.4156	481.295	454.4617	-12.2634	101.1951	-0.00353
470.3723	77.15612	84.08139	483.0267	482.0797	454.4774	-14.1008	139.6657	0.006078
470.5928	58.15887	82.77819	483.9936	482.6154	454.4939	-21.5828	131.8395	0.007547
470.6964	25.53186	72.47979	484.0879	482.7629	454.5023	-35.2518	47.61733	-0.00209
470.1036	62.04369	53.61562	485.2421	483.4167	454.5135	-14.9641	108.6812	0.043145
469.4552	94.41541	48.57814	487.0493	484.4221	454.5284	-2.23462	149.3886	0.049966
468.6472	80.29736	60.66365	488.9862	485.5493	454.5538	-9.54384	179.8831	0.053195
468.2983	70.75587	78.91882	490.3317	486.4517	454.5713	-15.4856	135.3043	0.039301
468.7928	75.21118	81.82288	492.0265	487.5551	454.5958	-13.3334	148.0273	0.04442
471.7025	31.93722	75.42147	493.0071	488.3585	454.6537	-41.2698	143.1046	0.033695
474.2406	51.78368	59.30142	494.717	489.5261	454.6826	-29.2189	109.8195	0.031519
476.8144	63.75151	52.97736	496.5601	490.798	454.7063	-22.909	131.4587	0.030108
479.666	25.43154	49.15747	496.8509	491.3648	454.7179	-51.2253	84.06362	0.018676

482.5746	44.99425	46.98891	497.7446	492.2015	454.73	-38.3012	78.91458	0.037255
484.848	83.18169	44.72577	499.1029	493.2661	454.7451	-25.641	96.23552	0.030479
485.9042	63.92624	51.2025	500.3512	494.2995	454.7658	-23.5576	112.7164	0.02058
487.2011	27.18114	64.03406	500.5731	494.8546	454.7856	-48.169	73.57622	0.004312
489.2821	71.54881	58.09635	501.7705	495.8548	454.8158	-25.9685	98.53248	0.021345
493.4323	27.50461	54.21873	501.9112	496.3607	454.8334	-54.8906	66.49321	0.002667
495.3487	14.95794	42.07819	501.6188	496.631	454.8471	-67.3187	32.79219	0.00323
496.0324	30.45173	38.00379	501.6228	497.0024	454.8605	-59.7239	34.44668	-0.00491
494.0061	6.282071	24.30476	500.1898	496.6547	454.8783	-94.8148	-63.8656	-0.0284
492.0897	23.13247	17.23058	498.9049	496.2979	454.8921	-81.323	-121.496	-0.01327
492.4056	89.0244	19.95542	499.5893	496.8206	454.9126	-36.0896	10.61257	0.00138
492.2029	90.61256	39.47965	501.1591	497.7815	454.9397	-10.7977	164.0304	0.006355
491.7321	92.56366	67.58981	502.5978	498.7244	454.9666	-7.9767	157.0965	0.006494
491.4736	39.58939	90.73354	501.754	498.605	454.99	-60.6032	-8.80452	-0.00933
491.6376	45.46679	74.2552	501.8363	498.8779	455.0143	-40.2723	-23.9913	-0.01194
490.9053	83.60279	59.20661	503.5594	499.9267	455.0482	-11.9328	160.4209	0.020593
490.8456	55.97338	56.21965	504.1869	500.4979	455.0751	-32.4105	107.707	0.015255
491.0201	30.30968	61.68099	503.8339	500.6012	455.1027	-51.303	0.306872	0.000494
490.7272	40.81862	56.62862	503.8972	500.8712	455.117	-43.5668	23.37409	0.024247
491.0585	20.68975	42.36723	503.7107	501.0055	455.1313	-48.6971	-16.3093	0.022054
491.1156	12.59957	30.60601	503.3205	501.018	455.1428	-53.6645	-33.5605	-0.00433
491.0583	22.89905	24.70264	502.8837	500.9782	455.155	-55.9447	-57.2277	-0.01827
491.9318	83.10995	18.72946	503.2798	501.3101	455.1707	-50.89	15.04369	-0.0099
494.0368	32.08325	39.53619	503.0207	501.3313	455.1975	-71.0177	9.669625	0.009017
496.2218	88.7598	46.03075	503.9597	501.9085	455.216	-37.3894	78.70377	0.013608
493.0402	95.79902	67.98433	507.0059	503.5272	455.254	-3.82384	235.7167	0.020902
490.2138	96.47052	72.21402	510.2655	505.3543	455.3016	-3.04795	261.2965	0.040492
490.0466	78.46155	93.67644	512.5359	506.8112	455.3614	-20.2898	194.7265	0.046087
491.5336	24.5791	90.24369	512.1101	507.0303	455.4569	-64.9275	96.84578	0.010952
490.7011	15.41142	66.50372	510.542	506.6515	455.5062	-84.5886	-44.4638	-0.00153
490.5585	24.54666	39.48402	509.7142	506.5411	455.5272	-75.4533	-30.8404	0.007956
490.5761	21.40866	21.51239	508.8424	506.3564	455.5505	-78.5913	-36.1055	0.007126
491.3785	44.14473	20.45558	509.3048	506.7632	455.5749	-56.6249	20.98334	0.012641
492.1552	88.76043	30.03335	510.5457	507.549	455.6086	-41.0739	79.05065	0.031451
493.347	77.88107	51.43794	511.7443	508.348	455.6842	-38.3543	82.18786	0.018095
495.0693	68.98801	70.26207	512.6252	509.0237	455.7274	-40.795	88.07047	-0.01201
496.1943	89.59987	78.54317	514.9136	510.3923	455.8071	-12.5524	125.5426	-0.00131
496.7309	71.71559	78.82298	517.6539	512.0466	455.9178	-19.9891	163.2279	0.01467
497.7009	82.30306	76.76782	520.4945	513.8297	455.9659	-12.5067	153.5433	0.051691
497.7326	62.88955	81.20617	522.2733	515.1799	455.9982	-21.4637	124.5064	0.060048
497.2413	53.89554	72.30273	523.6298	516.3584	456.0288	-23.5936	112.781	0.051329
496.5139	81.33495	66.36272	526.0502	518.0624	456.0853	-7.32629	139.8032	0.070063
495.9451	83.55999	66.04001	529.1536	520.1484	456.1857	-6.89831	156.7683	0.067157
497.1607	63.08828	72.93016	532.1149	522.2412	456.317	-19.1846	168.2706	0.059978
500.485	68.53838	75.99441	534.872	524.3001	456.3842	-17.4211	153.7239	0.061156
505.1875	23.04658	71.72888	535.6924	525.4782	456.4615	-38.745	87.13786	0.043934
510.484	8.125672	51.55775	534.9997	525.9013	456.5232	-56.8724	49.85331	0.006995

514.4847	27.50985	33.23688	535.2708	526.7058	456.5552	-51.7203	41.42309	0.007578
517.8088	40.90533	19.5607	536.0336	527.7075	456.6104	-47.0623	63.29875	0.007668
521.6275	67.60406	25.51362	537.1096	528.8423	456.6519	-47.1255	79.96877	0.02062
526.0966	51.96845	45.33975	537.4905	529.6381	456.6851	-63.4783	63.51427	0.015994
527.4442	74.22852	53.49262	539.4435	531.1601	456.7559	-29.6442	111.378	0.020065
528.1662	65.50003	64.60034	540.9588	532.5033	456.808	-32.49	117.8049	0.005622
529.1734	26.08155	63.899	541.2771	533.2829	456.8455	-52.4901	77.79214	-0.0098
526.4969	6.936079	55.27003	538.5594	532.5665	456.9017	-93.3591	-89.9871	-0.04804
526.5053	34.54547	32.83922	537.8218	532.6553	456.9429	-66.9245	-68.6054	-0.01192
523.054	12.17463	22.52103	535.9024	532.1138	456.9682	-88.3501	-109.972	-0.011
522.3304	41.57143	17.88539	535.8365	532.3627	456.9983	-60.8081	-70.2193	-0.0024
522.244	82.78684	29.43051	536.257	532.8225	457.0485	-52.3906	-10.6591	-0.00307
523.354	73.37567	45.51097	536.6281	533.2556	457.0786	-52.1213	-2.55013	-0.00803
522.1599	14.64633	65.91131	535.1628	532.7999	457.1952	-83.569	-91.6199	-0.02313
520.8208	12.37378	56.93628	533.8543	532.3449	457.2219	-84.7811	-117.568	-0.04276
518.7953	15.18283	33.46526	532.5605	531.8338	457.2405	-88.0807	-130.893	-0.04342
516.1248	4.248258	14.06764	530.9475	531.111	457.2662	-97.239	-139.664	-0.03858
513.743	9.887854	10.60162	529.175	530.2455	457.2948	-93.346	-153.308	-0.00799
511.3897	37.7451	9.77298	528.1515	529.6733	457.3134	-85.3054	-118.105	-0.02106
511.1689	34.78236	17.29374	526.9844	528.9987	457.3366	-86.0807	-105.588	-0.0091
508.2732	7.152151	27.47177	523.9204	527.3742	457.3499	-96.4286	-165.809	-0.05305
506.5742	8.957212	26.55987	521.3431	525.8774	457.3632	-95.6718	-156.293	-0.05831
499.6522	9.569022	16.96391	517.7601	523.8164	457.3811	-94.3367	-182.634	-0.0754
494.5863	3.690647	8.559461	514.3931	521.7467	457.3949	-97.8777	-172.798	-0.05925
489.4504	11.67231	7.405627	511.7232	519.9165	457.4137	-94.7843	-162.932	-0.05624
486.1699	71.21718	8.31066	509.5478	518.2622	457.4358	-55.3294	-194.173	-0.05302
485.1045	81.25317	28.86005	508.1491	516.9432	457.4517	-44.1667	-91.1771	-0.04141
485.1544	72.51137	54.71422	506.3065	515.4046	457.4729	-46.9501	-98.1063	-0.04477
481.5689	55.98787	74.99391	503.5014	513.38	457.4894	-57.2036	-121.52	-0.06593
479.1965	57.15009	69.91747	501.2155	511.5477	457.5082	-55.8203	-107.697	-0.06132
476.7129	6.141152	61.88311	498.6107	509.5282	457.5216	-62.6954	-107.719	-0.04493
475.8861	30.39441	39.7597	497.1496	508.016	457.542	-54.347	-93.8907	-0.0356
475.4402	66.79696	31.22855	496.2181	506.7626	457.5573	-45.5029	-83.8263	-0.01397
477.7034	80.98796	34.44417	496.1882	505.9671	457.5812	-31.79	-49.9433	0.0003
482.158	95.84491	59.39311	496.7381	505.5075	457.6003	-20.1617	-30.3624	0.005481
482.0012	18.77188	81.20994	495.5537	504.2876	457.6229	-42.0414	-68.8665	-0.01717
483.6995	40.63591	65.20158	495.0354	503.3911	457.6353	-35.6241	-66.754	-0.01653
483.2194	15.72436	51.7509	494.0596	502.3023	457.645	-42.7489	-66.6479	-0.01507
483.1174	54.77028	25.04405	494.0759	501.6996	457.6576	-57.2869	-37.4716	0.012482
482.8143	33.61867	37.04351	493.5068	500.8609	457.6907	-63.6891	-55.2248	0.003548
482.7305	44.17462	34.70443	493.612	500.3668	457.7081	-42.4878	22.79247	0.020455
483.6587	34.46597	44.18785	493.4724	499.7992	457.7241	-49.8768	-4.62156	0.007342
484.3368	25.78952	37.41975	493.2857	499.2407	457.7289	-52.0936	-25.5058	0.00237
484.5513	65.61397	34.81004	493.9926	499.1399	457.7381	-29.6971	59.21451	0.003745
485.4109	44.38603	41.95649	494.1297	498.8247	457.7448	-48.3232	51.83258	-0.00976
485.4559	95.04246	45.26317	495.8384	499.2996	457.7588	-4.41923	174.778	0.033119
484.1353	93.60522	68.34749	497.9623	500.0658	457.7736	-5.84096	233.2783	0.035473

483.4432	69.21446	77.6779	499.6262	500.7111	457.7903	-24.3697	214.0066	0.041099
481.5554	95.81027	85.95404	501.9942	501.7709	457.8106	-3.29869	214.667	0.042197
479.1233	91.76365	86.20998	505.499	503.475	457.8654	-6.1606	241.6222	0.070148
479.2885	69.0277	85.59612	507.9655	504.8125	457.9101	-18.064	199.1922	0.055325
479.8951	77.81327	85.53387	510.3726	506.205	457.9447	-12.8852	162.3734	0.062729
481.1372	87.39079	79.53487	512.8209	507.6925	457.9805	-6.22686	147.8883	0.069125
482.9312	67.00687	78.07725	514.5382	508.8992	458.0076	-11.9605	114.6711	0.052427
485.536	77.04513	77.40364	516.3989	510.2129	458.0566	-5.36366	111.5488	0.064155
488.5984	14.67946	77.1476	517.219	511.0659	458.1225	-19.5204	85.96981	0.032646
492.6035	35.27781	52.91049	518.2139	512.0008	458.1466	-16.0469	87.47622	0.027552
497.2653	11.523	42.33413	518.3052	512.5049	458.1807	-33.2817	64.59388	0.019714
501.4315	82.51038	20.49342	519.6969	513.6047	458.2215	-8.73584	75.76688	0.023947
507.3242	20.28149	43.10373	519.7315	514.0726	458.2434	-40.4688	60.1369	-0.00925
510.5612	83.53409	38.10496	520.9609	515.0837	458.2641	-9.76195	70.72353	0.011871
512.0946	93.55645	62.10865	523.2928	516.6418	458.3055	-5.5555	113.3003	0.023885
514.2879	88.60461	65.79068	525.4717	518.1836	458.3249	-10.8049	130.8851	0.021223
514.51	84.76946	88.56505	527.643	519.7689	458.3433	-14.5177	157.4469	0.029776
515.0181	37.15804	88.97684	527.7848	520.4204	458.3702	-57.0199	106.2226	0.003668
515.6511	42.18269	70.17737	528.6858	521.3998	458.393	-37.4404	109.6026	0.022832
516.0797	32.5686	54.7034	529.2616	522.2167	458.4137	-42.1204	112.6893	0.016693
516.5347	40.97858	37.30311	529.9583	523.074	458.4276	-36.8672	104.1357	0.02888
516.6289	84.88392	38.57663	531.4737	524.3136	458.4596	-13.6581	143.8172	0.023622
517.3252	64.19312	52.81037	532.4663	525.3219	458.492	-20.9168	121.4155	0.034629
518.8028	49.79745	63.35187	533.0967	526.1546	458.504	-27.4001	86.97432	0.016753
520.3951	73.2075	66.2915	534.1712	527.1862	458.5247	-14.0873	110.9096	0.007391
523.06	9.766625	62.39936	534.0021	527.6222	458.5571	-44.2707	52.76012	-0.00816
519.8555	4.660924	44.25719	531.192	526.7417	458.641	-95.3391	-120.471	-0.0442
516.17	5.527311	29.21168	528.1512	525.6073	458.6713	-94.4727	-164.388	-0.03242
511.6509	7.200069	6.65162	525.6659	524.5991	458.7005	-92.7999	-144.768	-0.04056
506.5981	2.712319	5.796101	522.961	523.3758	458.7161	-97.4185	-154.712	-0.04572
500.9558	5.616005	5.146567	519.9178	521.8798	458.7383	-96.34	-163.895	-0.05734
498.9581	41.19327	5.176131	518.2115	520.9129	458.7543	-82.8807	-129.291	-0.05739
494.8729	13.84621	16.5072	516.0057	519.6508	458.7937	-94.6871	-119.362	-0.0633
492.6625	49.89852	20.2185	514.7336	518.7683	458.8307	-85.4781	-99.0909	-0.05372
492.0437	95.09655	34.97934	515.1584	518.6739	458.861	-62.2195	-56.8595	-0.04182
491.3535	77.15824	52.94709	515.5483	518.6013	458.8923	-61.7473	-33.3203	-0.02885
492.3338	88.9776	74.0511	516.2173	518.6972	458.9154	-56.4934	-33.0737	0.008067
493.3008	70.40238	87.07746	516.3148	518.5605	458.9339	-62.1688	-30.9428	0.010605
493.8921	30.5173	78.84607	515.6467	518.0724	458.9592	-62.2282	-44.6969	-4.84E-05
497.8451	48.73418	63.29909	515.6909	517.9141	458.9786	-29.6341	-37.3848	0.015451
501.9278	15.61165	49.88462	514.9092	517.373	458.9968	-55.8536	-53.2778	0.014765
501.6504	10.93751	31.62104	513.8097	516.6611	459.0252	-69.8779	-69.3125	-0.00209
501.617	37.78554	25.09445	513.4584	516.2807	459.0429	-51.3414	-57.5378	0.015187
501.7527	35.58937	21.4449	512.963	515.8331	459.0651	-62.8154	-58.045	0.004926
502.3777	38.57468	28.10414	512.521	515.4077	459.0801	-63.6122	-70.4401	-0.01431
503.4344	89.96753	37.31653	513.6672	515.7458	459.1168	-11.4942	67.18047	0.004401
504.0958	82.53536	54.71053	514.7513	516.1138	459.1493	-17.4646	143.4254	0.001572

504.3648	95.89051	70.35919	516.9031	517.0489	459.1951	-4.10949	206.2586	0.023
503.1842	95.19566	89.46447	519.3335	518.2083	459.2316	-4.80434	210.3919	0.040488
502.1132	92.952	91.20718	521.3823	519.2781	459.2608	-6.0686	191.9116	0.032401
500.2619	93.98262	94.67939	524.0913	520.7383	459.2989	-3.98832	209.4668	0.055583
481.3274	97.39162	94.04343	535.4743	526.4674	459.826	-2.18821	392.5557	0.177876
477.2508	76.00128	94.77541	543.2201	530.864	460.1077	-19.625	310.2126	0.145243
470.4872	90.59379	89.12518	554.0529	536.9951	460.5314	-7.62352	270.6092	0.20264
468.5511	89.79589	87.99557	563.1544	542.6408	460.7199	-7.98554	210.2214	0.202165
470.708	86.46847	85.46366	570.5851	547.7381	460.8462	-9.49743	162.2739	0.175938
475.3418	74.11239	88.95272	577.0441	552.5404	460.9405	-8.53917	135.4049	0.176401
480.7301	69.9846	83.45892	584.1705	557.7867	461.4122	-11.3416	131.0433	0.178969
486.2278	92.17191	76.85515	593.7668	564.3615	461.819	-2.49296	133.4782	0.213715
494.8125	77.93903	78.7563	601.8563	570.4346	462.0853	-8.03423	125.3184	0.213455
505.3797	64.18219	80.03184	607.6534	575.5533	462.3483	-13.3308	103.0655	0.186547
518.3413	52.89653	78.09771	612.2196	580.1297	462.5334	-15.451	90.27028	0.065631
532.3592	31.07916	65.00592	615.6947	584.1799	462.6768	-17.8578	77.8832	0.083619
548.5805	43.00918	49.38596	619.2334	588.2181	462.8456	-15.9574	84.54976	0.040843
568.8166	75.69204	42.32829	623.4049	592.524	462.9944	-14.9339	84.28432	0.054037
590.8275	63.0623	49.92679	626.3784	596.2432	463.0916	-21.4782	77.29323	0.051154
597.1854	67.23411	60.58784	629.1268	599.7988	463.2324	-26.3131	79.23612	0.051708
607.3792	5.889445	68.66282	629.936	602.3608	463.3082	-46.223	61.10482	0.017679
609.9636	7.419659	45.39529	629.3253	604.1094	463.4338	-63.2315	36.56645	-0.03183
612.657	17.91565	26.84774	628.4962	605.578	463.5425	-78.7594	13.61826	-0.03468
617.2039	36.44424	10.40825	628.8309	607.4368	463.6081	-66.7494	24.06202	-0.01386
622.3699	67.33674	20.59318	630.139	609.6514	463.7019	-50.0309	38.48938	0
619.5103	10.01109	40.56554	628.5293	610.394	463.876	-93.801	-37.5513	-0.02384
615.6781	7.314608	37.93069	626.7596	610.8852	463.9892	-95.3115	-75.4859	-0.03393
614.6619	39.72728	28.22081	626.0928	611.74	464.0876	-73.0946	-83.4987	-0.03701
614.3646	63.59765	19.01766	626.5953	613.0452	464.2396	-56.9283	-37.4246	-0.02081
612.7118	83.94051	36.87985	630.8496	616.0973	464.5183	-16.0595	107.3123	0.01553
604.9462	96.02448	62.42181	638.5452	620.8953	464.8345	-3.97552	259.968	0.073275
595.3087	98.37532	81.18755	648.1316	626.8184	465.1446	-1.62468	290.0286	0.119639
587.7128	94.69122	92.7801	658.0338	633.1649	465.554	-4.82482	265.1863	0.141939
586.007	76.87265	96.36367	663.9819	637.8709	465.803	-19.6242	184.711	0.104689
587.2062	39.60664	89.97973	667.0908	641.3019	466.0327	-31.3384	126.0984	0.073519
590.273	2.855342	70.39017	669.0355	644.1486	466.2658	-35.5138	91.7922	0.096915
594.9839	2.915608	39.77821	669.2828	646.1111	466.4562	-44.0269	59.59616	0.086896
600.2059	20.13846	15.12586	670.3151	648.3245	466.5438	-39.0165	51.0061	0.086062
604.6117	57.38237	8.63647	673.2497	651.3664	466.6296	-26.4672	70.29554	0.095384
610.2819	36.47253	26.81214	674.0831	653.3887	466.7452	-36.5112	61.51851	0.037323
620.1719	34.23792	37.99779	674.6816	655.2098	466.8262	-40.8882	43.81988	-0.00426
632.4233	35.43498	42.69761	675.2452	656.9235	466.8855	-43.3844	44.95996	-0.03212
645.8588	70.84319	35.38181	678.2329	659.7192	467.1121	-41.4841	72.59977	-0.02503
659.2335	77.27557	46.8387	681.8964	662.8545	467.31	-31.0192	88.46138	0.007678
664.062	68.28495	61.18458	686.1697	666.3225	467.6094	-29.0282	115.911	0.037246
663.7417	50.50646	72.13457	688.5397	668.9338	467.7395	-42.608	86.02033	0.032135
662.9825	34.69722	65.35566	690.0155	671.0966	467.8354	-48.3804	73.17021	0.04099

665.5596	5.472416	51.16288	690.1746	672.5746	467.9238	-60.2574	52.52611	0.022274
665.1306	4.189245	30.22536	688.4309	673.0388	468.0556	-80.7309	-13.5009	-0.0153
664.6707	6.795482	14.78629	686.9211	673.452	468.1217	-81.1047	-57.4105	-7.30E-05
663.9438	5.563513	5.485714	684.7178	673.3888	468.2196	-96.5699	-92.6698	-0.00793
659.7025	3.410282	5.51608	680.5902	672.2407	468.3199	-97.7233	-152.697	-0.03016
653.2628	3.646148	5.256426	676.5757	670.9263	468.4194	-97.9585	-178.695	-0.05783
649.5309	19.23078	4.206648	673.8609	670.0376	468.5506	-91.9679	-157.3	-0.06142
648.9161	66.53059	8.762402	673.7544	670.2695	468.7014	-72.7243	-79.9416	-0.05144
648.3413	80.15559	29.80251	673.6986	670.5008	468.794	-72.4231	-47.8423	-0.04017
645.9292	62.45136	55.30565	672.958	670.3811	468.8437	-78.5141	-63.6341	-0.04189
643.3895	48.18171	69.71252	671.8475	670.0373	468.8872	-78.8414	-80.7199	-0.03663
642.873	55.45943	63.59622	671.8374	670.1665	468.9717	-64.1304	-44.4304	-0.0104
645.774	45.16135	55.36417	671.5851	670.1688	469.0369	-65.9147	-46.8877	-0.01241
645.9773	6.155303	49.60083	669.4094	669.2262	469.0983	-89.2408	-92.043	-0.02253
646.4226	13.2288	35.59203	666.9207	668.0415	469.1761	-87.4911	-108.663	-0.00708
647.8755	21.1509	21.51515	665.2188	667.139	469.2298	-79.6696	-97.0431	0.002081
644.5057	5.551295	13.51166	662.3613	665.621	469.2844	-95.2603	-120.068	-0.01864
641.3401	4.736061	13.31033	659.3453	663.9274	469.3666	-96.8214	-145.944	-0.04518
639.7722	18.10346	10.47942	657.1553	662.5335	469.5159	-91.0147	-133.112	-0.042
640.3181	85.59841	9.463604	657.9578	662.5215	469.6473	-48.4107	-60.0085	-0.00974
640.6362	87.84647	36.14598	660.1303	663.2295	469.8042	-24.4499	33.02488	0.009523
639.8355	91.32907	63.84945	662.1553	663.9749	469.868	-21.4548	61.86512	0.002249
639.9496	61.88809	88.25799	662.4476	663.9809	469.9739	-44.2543	34.02372	-0.00916
640.1102	41.57466	80.35454	661.7463	663.5296	470.0326	-59.4743	-31.9453	0.000678
639.8516	15.21079	64.93061	660.8861	662.9834	470.1026	-59.3	-39.1641	0.004474
639.1708	25.91179	39.55785	660.5088	662.6464	470.1689	-52.9855	-29.0901	0.003927
638.5365	3.160633	27.56575	658.9285	661.7271	470.2261	-75.7035	-66.3427	0.005553
639.913	90.90882	14.76107	659.5877	661.8372	470.2948	-39.7392	-22.7812	0.031825
640.328	63.40768	39.99375	659.5892	661.6713	470.3438	-49.7598	1.508701	0.022458
640.7709	60.75091	52.49238	659.8953	661.6645	470.4308	-44.269	31.75033	-0.0012
641.1491	23.77712	71.68914	658.9161	661.0619	470.4813	-67.8321	-51.3856	-0.0276
642.3566	12.173	49.3119	657.6989	660.3169	470.5169	-78.8814	-73.8268	-0.0331
645.0274	94.89789	32.23368	659.957	661.2102	470.8524	-17.727	84.25863	0.012531
644.261	86.84519	43.616	663.8832	663.0078	471.047	-12.8489	230.2628	0.041935
641.5544	91.74522	64.63869	667.5749	664.8501	471.2744	-8.06458	204.7879	0.048349
637.8801	93.75009	91.16277	672.257	667.3063	471.3851	-6.13287	220.6886	0.060105
635.9045	90.81921	90.78017	676.455	669.6943	471.4602	-8.62069	203.8832	0.07583
634.5946	91.29181	92.10484	680.7425	672.2594	471.6094	-5.04197	181.4805	0.061987
634.3748	83.24562	91.9537	685.1819	675.0253	471.7804	-9.34757	184.5983	0.075805
635.4477	82.6993	88.45221	689.1822	677.7037	472.021	-7.00146	150.5076	0.074979
638.0519	79.95125	85.74558	692.6661	680.2314	472.2718	-6.13844	122.2055	0.089204
643.0494	5.917631	81.96539	692.6689	681.1538	472.3856	-34.8959	71.90549	0.064024
646.6476	4.701578	56.1894	692.2292	681.7951	472.4769	-39.2113	45.61928	0.02593
650.6335	7.284841	30.19015	690.8895	681.9229	472.5303	-48.6607	19.14753	-0.00285
655.279	13.95826	5.968016	689.8359	682.0798	472.593	-49.6912	15.44364	-0.00558
663.7855	73.89417	8.648226	692.061	683.7257	472.7305	-27.1727	64.87415	0.009012
673.8874	93.72144	31.71242	695.5211	686.0091	472.9399	-6.14198	106.7273	0.021454

678.1606	90.56967	60.52462	698.4413	688.1197	473.0456	-9.43033	107.0657	0.014451
675.7124	94.79285	86.06176	704.6155	691.8571	473.3425	-5.20715	156.2388	0.040833
674.6072	92.80612	93.02799	709.9695	695.38	473.3724	-6.19704	174.2123	0.039698
673.8029	87.50008	92.72288	714.614	698.6969	473.5523	-7.53369	167.2866	0.039801
672.4747	84.02293	91.69968	719.8204	702.3827	473.703	-9.02601	181.3266	0.080515
671.0152	96.5882	88.10971	725.064	706.1991	473.9078	-1.88314	169.6642	0.092913
669.6546	95.40815	89.3704	730.3886	710.1602	474.0938	-1.36364	162.3731	0.111413
668.2346	89.18738	92.00643	736.2657	714.4883	474.2697	-4.16223	164.3916	0.123602
670.9717	36.07093	93.72791	738.8116	717.3273	474.4469	-21.0498	109.8774	0.068884
676.5298	50.14052	73.55548	741.9602	720.4347	474.5532	-14.1304	96.60606	0.062593
684.6796	36.83112	58.46628	744.3159	723.1634	474.6774	-17.9953	94.05448	0.059859
693.7981	91.69764	41.01419	750.5839	727.7482	475.6201	-3.99523	129.071	0.062938
702.5883	91.5276	59.55643	758.1928	733.1033	476.0633	-5.16322	151.4603	0.081991
709.7653	79.70625	73.35212	763.6328	737.581	476.2675	-12.3277	135.5775	0.072138
715.5887	93.2674	87.64383	769.8056	742.4829	476.4941	-5.00352	135.5875	0.073887
724.17	57.59682	88.16708	772.899	745.9962	476.6801	-25.3979	113.344	0.047763
728.8935	30.7477	76.85682	775.4898	749.2364	476.822	-27.6492	95.72389	0.039576
733.8348	69.53284	60.53731	779.2631	752.9979	476.9904	-13.0035	112.6885	0.040889
739.9762	47.85054	52.62579	781.5721	756.0552	477.1146	-23.1535	96.53858	0.055069
744.301	88.73484	49.37703	785.4765	759.8252	477.3301	-5.21251	109.5357	0.062787
747.3375	82.96894	68.70607	790.3728	764.0828	477.5402	-9.61663	125.063	0.079273
751.36	41.75745	73.18477	792.3861	766.9996	477.735	-28.0696	99.22736	0.023438
755.8178	33.85562	71.15374	793.6477	769.4875	477.8329	-34.3838	73.27723	0.000681
764.1379	20.16652	52.86067	793.6636	771.2848	477.9425	-51.98	42.83428	0.00025
772.2683	17.27157	31.92653	793.3913	772.8114	478.0464	-76.0645	33.77297	-0.01476
780.871	7.525062	23.76457	792.0598	773.6947	478.1459	-92.6394	5.964756	-0.00655
772.9996	13.43816	14.98772	788.0299	773.1147	478.3021	-89.9545	-80.0483	-0.03023
770.657	45.48551	12.74493	786.6621	773.561	478.4296	-69.6361	-42.968	-0.0261
766.8903	38.04596	22.14958	784.9752	773.7193	478.5565	-74.9052	-71.0315	-0.02338
765.2709	46.3	32.32321	783.624	773.9025	478.707	-74.1471	-54.0347	-0.03812
764.0272	65.58402	43.27716	783.1132	774.3766	478.7816	-67.8544	-87.2032	-0.04527
761.085	29.92625	49.97666	781.8427	774.4121	478.8529	-76.194	-90.578	-0.0356
758.9236	20.75859	47.27009	780.4362	774.2853	478.9419	-79.492	-98.0259	-0.03483
757.4001	64.94388	38.75628	780.9225	774.9751	479.0207	-62.2692	-64.4757	-0.01279
756.1667	37.29677	38.54291	780.2672	775.1001	479.1407	-64.4523	-56.5288	-0.01923
760.2081	33.54195	40.99974	779.5984	775.1608	479.2563	-61.8967	-64.9023	-0.01123
757.402	3.407213	45.26087	776.4112	773.955	479.3923	-97.6112	-126.092	-0.00912
759.3918	54.04122	24.74864	776.149	774.0106	479.4873	-55.5121	-79.7226	-0.00569
760.1476	95.62648	30.33013	778.2436	775.1775	479.7297	-4.65623	8.499773	0.018134
759.5531	92.49423	51.02497	781.2046	776.8304	479.8833	-7.50577	68.3279	0.027439
759.1836	78.52095	80.72064	783.9578	778.48	480.0999	-21.4791	95.98947	0.024089
757.6558	96.25916	88.88055	787.7543	780.7137	480.3584	-3.34438	147.0854	0.043595
755.3397	90.95543	89.09145	791.9421	783.2515	480.8652	-5.79591	172.211	0.05471
755.3695	58.3513	88.57851	794.7845	785.2639	481.0342	-21.3334	162.5996	0.034228
755.9846	54.88062	81.8553	797.0068	787.0391	481.1704	-23.1112	122.9428	0.041931
757.1446	33.56072	68.06245	799.0396	788.7562	481.3019	-21.6297	119.5964	0.044205
759.1142	58.53085	48.93088	801.6512	790.7754	481.3696	-12.963	114.848	0.075286

757.8063	77.19663	48.99073	807.7092	794.4978	481.6946	-11.4858	171.7653	0.085608
758.6892	64.2713	56.4294	812.0502	797.5666	481.8278	-18.2901	165.7264	0.058451
762.1109	56.17351	66.66626	815.4111	800.2576	482.143	-21.6781	126.8158	0.045649
767.8702	64.15731	65.88048	818.8263	803.0245	482.1993	-21.4094	123.993	0.048192
779.7155	42.02524	61.53404	820.657	805.0764	482.2838	-36.0205	97.68181	0.027318
787.7829	32.84766	54.11868	823.509	807.6037	482.5671	-33.9927	128.9453	0.029719
793.4062	17.48342	46.3434	825.0383	809.5182	482.7094	-50.2623	84.81734	0.02842
796.2286	7.082564	30.78544	822.6824	809.5335	482.8368	-90.18	17.02181	0.000612
799.0032	24.29419	19.13788	821.3214	809.8522	482.9819	-75.7058	-7.23641	0.004463
799.3301	22.13972	16.28672	819.9487	810.0409	483.0901	-77.8603	-8.93757	-0.00443
793.5316	6.49466	17.83883	815.5945	808.6783	483.2714	-95.2597	-81.679	-0.05872
784.6751	10.46906	17.64286	809.9746	806.4847	483.5459	-93.2286	-162.877	-0.06802
775.4639	3.68484	13.03448	804.3735	804.0464	483.6978	-98.0728	-175.619	-0.07234
771.7501	40.14605	6.882853	802.2935	803.0692	483.8712	-79.3897	-118.513	-0.05582
769.5529	85.3005	18.09998	803.6577	803.6685	484.0598	-57.4411	-44.0301	-0.02355
770.2775	91.28681	43.0438	805.6198	804.6125	484.1692	-51.7666	-0.05505	-0.02715
770.7518	96.18261	72.24445	809.246	806.433	484.3065	-37.955	36.23778	-0.00511
770.7978	83.19558	90.92331	811.339	807.6491	484.3999	-44.8073	33.01379	0.01621
771.4916	92.06959	90.22167	815.0226	809.696	484.5587	-11.708	58.42751	0.026353
770.8033	54.08805	90.48259	817.6746	811.3675	484.7269	-23.0139	68.68463	0.024448
767.007	92.52769	76.45108	824.887	815.3073	484.9408	-4.14533	128.7315	0.092098
764.5622	77.27278	79.56178	831.5536	819.2268	485.1981	-12.7688	169.6426	0.114438
762.6963	75.08191	74.62951	837.248	822.8816	485.5769	-13.4633	141.85	0.122807
762.4789	68.48207	81.62746	841.6929	826.0859	485.7405	-15.6333	123.6112	0.095196
759.0002	95.51447	73.61226	851.5729	831.999	486.2021	-2.44959	171.5821	0.11681
762.9699	80.198	79.69282	859.2318	837.1366	486.305	-8.788	166.1233	0.104047
768.1599	94.06477	81.39818	870.2616	844.0839	486.6738	-3.31991	172.7258	0.122693
779.3924	83.29196	89.92575	878.7564	850.1131	486.862	-10.4223	154.6806	0.124722
788.7032	89.27099	85.85158	886.8053	856.1102	486.9984	-6.235	135.426	0.114682
796.0802	81.02187	88.87591	894.7589	862.2134	487.2313	-8.01235	127.9341	0.127656
806.2175	42.60781	84.52827	898.8143	866.5768	487.3873	-22.0426	105.7962	0.065425
815.8216	52.33633	70.96689	904.1736	871.5452	487.4939	-12.5616	101.1378	0.075361
828.8648	47.19629	58.65534	908.457	876.0244	487.6234	-14.6499	94.54888	0.07305
841.4113	83.64492	47.38014	913.8644	881.0305	487.8692	-5.44039	102.9163	0.089438
856.8149	65.10899	61.05918	917.5332	885.229	488.012	-11.6062	89.54667	0.035101
866.2312	54.04408	65.31673	920.4394	889.0212	488.0783	-13.7969	80.11245	0.038905
876.664	12.15286	67.59933	920.9478	891.5933	488.2094	-30.5556	53.91947	-0.00771
885.7623	6.666658	43.76864	917.446	892.0816	488.4716	-93.2481	11.82514	-0.02949
888.538	5.11053	24.28787	911.6025	891.147	488.687	-94.9796	-45.5198	-0.05543
885.5214	22.82536	7.976683	908.5936	891.2134	488.8726	-77.7476	-37.5343	-0.0495
876.0486	7.345956	11.53418	903.5101	890.0532	489.0393	-94.084	-81.536	-0.04947
864.9764	2.845552	11.76062	897.898	888.3479	489.1458	-97.9241	-105.94	-0.07135
858.235	37.12739	11.00562	894.8943	887.6091	489.2938	-83.8443	-95.1159	-0.05755
851.6747	28.99722	15.77297	891.8955	886.7049	489.4744	-87.3821	-100.549	-0.07228
851.8606	93.48482	22.99005	892.4289	887.3462	489.6601	-63.6203	-61.439	-0.04516
850.3106	74.95183	53.20314	894.1071	888.5307	489.8158	-54.1274	-14.7323	-0.03533
850.9938	92.19655	65.81129	896.8911	890.2842	489.9338	-42.6946	-10.8198	-0.01249

850.6716	88.49262	86.87773	901.0299	892.7664	490.1072	-28.2098	36.85109	0.02851
853.2843	83.56411	85.21367	904.2577	894.9326	490.2531	-16.9065	33.35195	0.048378
853.3199	93.54113	88.08442	909.4654	898.1308	490.4694	-3.77118	65.12499	0.051638
853.3858	84.58718	88.53262	914.4967	901.3929	490.6628	-9.71096	96.36042	0.076088
853.3901	77.39247	87.2308	918.7921	904.4317	490.8037	-9.42198	87.02747	0.086947
855.0298	55.2011	85.17359	921.2075	906.6584	490.9414	-18.6705	66.10715	0.063889
857.98	58.90408	72.39358	923.6551	908.9146	491.0506	-15.6069	70.30371	0.070499
861.4494	5.125028	63.83255	922	909.2095	491.3195	-43.8728	21.32338	0.019583
867.095	4.819229	39.7434	918.8545	908.6425	491.4605	-60.5764	-8.81388	-0.00197
873.1679	7.870356	22.94945	914.8975	907.4937	491.5848	-78.2433	-42.7703	-0.0209
879.291	33.45551	5.938204	913.3933	907.3179	491.8131	-71.5067	-19.4823	-0.02021
887.3666	67.82612	15.3817	914.0941	908.1054	492.1216	-51.288	20.09027	-0.00441
891.1933	89.02591	36.38399	915.4339	909.1941	492.2795	-43.6378	42.9855	-0.01631
892.2462	61.56624	63.43585	914.9597	909.428	492.4372	-60.1093	24.56465	-0.03165
890.6207	49.87952	72.80609	913.8194	909.2887	492.574	-67.6815	-8.54076	-0.037
888.8219	26.25212	66.82389	912.7706	909.1193	492.7735	-68.5403	-23.0705	-0.02942
885.8215	22.97074	45.89929	911.7385	908.8928	492.8888	-69.0572	-38.5177	-0.03314
885.3972	46.6321	33.03412	911.909	909.1857	493.0277	-53.399	-42.0128	-5.43E-05
886.2788	47.09403	31.95165	911.7866	909.3285	493.3398	-55.4538	-19.601	0.010603
889.0862	83.00137	38.89896	911.8736	909.5525	493.567	-25.9518	-120.542	0.021517
890.6427	90.0426	58.90917	912.7015	910.123	493.6807	-14.8049	-13.3894	0.013407
895.9131	78.94731	73.37933	912.2134	910.079	493.813	-25.3028	-30.728	-0.00917
895.9441	71.55042	83.99709	911.0078	909.6567	493.9265	-32.3015	-59.9209	-0.01997
897.8864	82.50002	80.18011	911.1232	909.8123	494.0603	-22.2746	-48.5207	-0.00065
901.4106	69.25687	77.66592	912.6533	910.6461	494.2098	-11.9344	49.44435	0.014899
901.7427	48.81758	74.43577	913.026	910.9743	494.3319	-19.8689	47.21971	0.008901
901.4859	50.33794	66.85816	913.41	911.3111	494.5302	-19.2787	56.29297	0.010441
903.1125	39.69605	56.13746	913.2548	911.3919	494.6712	-23.4098	47.32078	-0.00049
901.1943	7.16563	46.28386	911.4014	910.6375	494.7883	-38.2295	-69.6532	-0.01087
900.1482	15.27326	32.39987	910.0465	910.0417	494.9056	-36.3935	-84.4643	-0.01069
900.0799	29.99996	20.71165	909.4562	909.7579	495.0746	-31.6066	-24.6438	-0.01204
900.2663	53.66792	17.47961	909.795	909.8986	495.1876	-24.3935	-12.9301	0.002342
900.3986	82.19513	32.98038	910.5313	910.2455	495.2818	-48.1539	46.38993	0.011282
900.0839	90.04062	55.28767	911.962	910.9555	495.3946	-31.8461	107.6035	0.008855
897.2866	90.43761	75.30122	915.0624	912.5228	495.5809	-7.86667	193.397	0.011992
895.974	84.06946	87.55779	917.8991	914.0768	495.7355	-12.317	212.6993	0.020135
896.5078	64.45666	88.18256	919.5984	915.1781	495.8381	-23.5366	155.1173	0.014661
895.9622	87.03062	79.65458	922.7508	917.0233	496.0388	-8.18971	197.0527	0.030346
894.9712	72.89853	78.51891	925.4411	918.7429	496.1881	-17.9463	185.6129	0.043309
894.7849	7.662343	74.79527	923.7245	918.4126	496.3267	-68.2342	33.37694	0.012951
894.8366	33.98062	55.86383	922.5083	918.2205	496.4916	-65.2591	-51.4994	0.010603
894.4623	24.6602	38.1805	920.7476	917.6904	496.6091	-74.4722	-40.534	-0.00065
896.1862	47.18449	22.10105	921.0257	918.0507	496.7363	-52.8155	18.28142	0.008719
894.5146	95.83956	35.2751	927.3875	921.3342	497.3624	-4.16044	227.8341	0.046255
892.548	90.82789	55.89475	934.5613	925.2366	497.6845	-9.17211	258.3639	0.044955
895.2462	67.56763	77.95065	938.0559	927.6099	497.8831	-29.3031	158.6836	0.025468
897.9966	63.61659	84.74503	940.9443	929.7744	498.0708	-29.8392	116.2702	0.030019

900.8975	48.08641	74.00403	943.1749	931.6758	498.2072	-31.5068	110.3342	0.016333
902.7534	3.337422	59.75687	942.9135	932.4017	498.3305	-48.3025	59.99907	0.001317
903.7377	49.12928	38.3468	944.3535	933.8737	498.4991	-35.3186	56.75769	0.041552
904.2357	17.81318	33.5177	942.9125	933.9562	498.7186	-56.1048	31.68292	0.02093
895.1303	4.390561	23.42663	935.6734	931.1341	499.0731	-96.2757	-111.826	-0.01669
886.4267	22.41192	23.77768	929.2127	928.3596	499.2976	-81.3559	-168.007	-0.0313
878.0026	20.76776	14.87189	922.2143	925.0532	499.5704	-82.4093	-183.97	-0.08173
871.8337	23.03152	15.85675	916.6431	922.1605	499.7507	-80.4919	-131.638	-0.09036
868.7353	45.99042	22.0704	913.4759	920.2269	499.9134	-72.03	-100.058	-0.06395
863.8291	64.69879	29.9299	909.7749	917.9448	500.0471	-77.6157	-105.072	-0.07045
859.1095	94.27959	44.57358	909.3331	917.1269	500.19	-59.8194	-57.0799	-0.0508
858.6595	84.33637	68.32293	911.7254	917.7015	500.4709	-41.063	-2.77013	-0.01762
862.7386	83.09628	81.10492	914.0545	918.3802	500.641	-39.1816	10.104	-0.02668
863.2597	59.0795	87.23741	913.8382	917.9557	500.7609	-50.4921	-14.2831	-0.02389
865.1823	57.09383	75.50405	914.524	917.9808	500.8713	-44.8819	-23.4587	0.025046
868.5646	23.44712	66.4232	914.205	917.5712	500.9755	-50.689	-26.1582	0.021005
869.1182	49.06833	46.54015	915.1925	917.7973	501.1239	-21.9398	-13.6149	0.041755
874.738	37.17714	43.20309	915.266	917.6397	501.2623	-28.6287	-18.8303	0.033486
878.7552	84.66258	36.5642	916.837	918.2203	501.3953	-15.3846	10.95445	0.032834
879.979	76.2452	56.96935	918.8445	919.0844	501.5032	-11.7991	50.00824	0.045498
881.5037	85.19551	66.02831	922.3414	920.7504	501.6856	-7.59314	89.55639	0.038231
885.8123	93.12667	82.03443	925.9177	922.5901	502.427	-3.58651	107.6598	0.022385
891.5343	69.04437	84.85579	928.0064	923.8423	502.5439	-19.879	109.0318	0.013627
896.0929	6.527512	82.45552	926.0704	923.2186	502.6977	-77.2384	33.84067	0.003039
899.2087	10.49266	56.23285	922.413	921.6689	502.8905	-89.5073	-23.3828	-0.01742
889.3676	2.366019	28.68818	916.1026	918.6856	503.0711	-97.634	-110.47	-0.03404
886.507	32.56781	6.462064	914.0701	917.5157	503.2264	-67.4322	-71.4164	-0.01926
885.3909	40.33815	15.14216	912.6018	916.5535	503.3533	-65.1357	-44.4146	-0.01217
885.7022	87.74661	25.09066	913.9807	916.9247	503.4554	-41.1969	11.57537	-0.00423
886.3824	91.34516	53.55086	915.3836	917.3821	503.5932	-39.0397	22.33581	-0.0073
886.5323	83.72372	73.14331	916.144	917.6002	503.7737	-42.9367	-6.18402	-0.02257
884.6923	6.923248	87.60516	914.1585	916.5363	503.9258	-66.945	-72.0486	-0.04479
879.7484	28.02802	60.66404	910.6877	914.6891	504.2773	-81.0427	-168.65	-0.05098
874.2301	18.91893	39.55833	907.0575	912.6448	504.4211	-87.2038	-141.944	-0.03095
867.7502	8.152165	17.95673	903.1171	910.3337	504.5919	-94.9221	-138.423	-0.02311
865.8177	24.99996	18.36637	900.8649	908.7148	504.7588	-83.0733	-103.789	0.008036
868.7619	85.32833	17.35702	900.6738	908.0413	505.0146	-55.9322	-64.5823	-0.00362
871.4104	27.51014	39.49349	898.3403	906.372	505.278	-84.2842	-97.8372	-0.02103
871.6491	56.42576	45.94614	897.4632	905.3547	505.4282	-69.8698	-72.8874	-0.03139
872.1612	46.82723	56.42141	896.5228	904.3174	505.6018	-72.4724	-56.9087	-0.03439
868.7863	8.450632	43.58771	893.1211	902.1021	505.8117	-95.1786	-116.56	-0.04989
866.7685	42.11374	37.23454	891.8048	900.8031	505.9511	-76.875	-82.197	-0.02067
864.7927	63.57716	32.46387	891.6968	900.0846	506.1071	-62.44	-70.3281	-0.00056
865.3976	46.85528	38.04718	890.8968	899.0781	506.2679	-69.8686	-40.8574	-0.00067
868.9397	88.67916	50.84873	892.2469	899.1221	506.3662	-11.7371	14.64984	0.020679
874.1533	77.44365	66.37053	893.8159	899.3683	506.4788	-19.4805	45.79663	0.015721
874.2797	91.11102	70.9927	895.9056	899.9631	506.5708	-7.69239	64.78844	0.008644

873.6362	78.49288	85.74461	897.8338	900.591	506.6708	-15.6037	75.03311	0.025898
871.5391	93.50434	82.34918	901.5685	902.1849	506.8294	-3.60186	121.2521	0.033015
871.698	74.88145	87.70274	904.4009	903.503	506.9609	-14.0336	140.3055	0.032118
869.5495	90.22297	82.29289	908.3445	905.4683	507.1166	-4.61913	169.9889	0.063612
869.4153	83.12162	86.20292	911.4071	907.1559	507.2264	-7.53645	147.2179	0.049387
869.7284	90.52968	82.74201	915.0958	909.2469	507.3464	-4.38989	160.2263	0.049692
871.1721	57.50007	87.95809	917.2644	910.7243	507.4379	-16.2033	129.4132	0.048162
874.3201	70.05073	77.05046	919.7548	912.4078	507.5598	-9.37253	116.1404	0.037547
881.7368	24.81482	72.69349	919.6674	912.91	507.6486	-36.1532	64.82264	0.018551
887.419	54.81477	50.78854	920.828	913.9693	507.743	-27.2931	79.48166	0.021834
888.3514	89.63296	49.89344	926.9993	917.4487	508.0015	-7.99157	156.9762	0.057794
892.3223	81.35312	56.42085	932.2897	920.7034	508.1889	-16.3177	174.7652	0.042596
894.4207	81.06284	75.26695	937.5053	924.0729	508.6451	-17.1294	165.705	0.050232
893.6178	82.18184	84.01631	945.1114	928.7301	509.0025	-15.4818	217.4772	0.061192
898.7628	37.23689	81.5326	946.5181	930.6208	509.2595	-53.118	121.85	0.028013
903.3909	24.90196	66.82719	949.1409	933.0612	509.4367	-42.6503	110.6322	0.03013
906.9815	4.540963	48.1069	949.6685	934.5063	509.5495	-55.0112	80.52626	0.02516
910.3045	6.475402	22.2266	948.9491	935.2831	509.6555	-63.53	38.94032	0.012363
913.015	49.29578	11.97278	950.9388	937.2534	509.7558	-44.5434	66.81641	0.046449
915.9991	53.43737	20.10405	952.0281	938.7916	509.8982	-48.8864	74.3995	0.033227
918.7278	77.84259	36.40285	954.4128	940.9203	510.0286	-38.196	78.01625	0.006855
922.5711	90.0289	60.19191	957.1088	943.2178	510.1465	-36.1818	90.81024	0.010974
926.9777	94.13445	73.76962	960.6245	945.9395	510.2657	-28.6184	105.7729	0.014251
936.5679	81.98641	87.33531	963.1955	948.2652	510.3422	-40	94.09421	-0.00974
944.1849	44.2385	88.71659	964.2051	949.8572	510.4845	-52.541	89.8443	0.016246
941.4063	7.781217	73.45312	961.5846	949.6583	510.7264	-89.9181	-20.7278	-0.01701
935.4308	6.581187	44.66871	957.7213	948.6816	510.8557	-93.4188	-80.3711	-0.0169
925.2762	2.720609	19.53364	952.6997	946.9334	510.9954	-97.2794	-123.846	-0.02107
921.518	11.8742	5.694338	948.0697	945.1313	511.1681	-88.1258	-167.334	-0.04083
913.4591	8.959632	7.058667	943.451	943.1251	511.3024	-94.0307	-167.436	-0.04172
903.3476	6.096307	7.851482	937.333	940.2035	511.4173	-96.5878	-188.95	-0.06599
896.1712	15.10711	8.976714	932.7048	937.7626	511.5509	-92.6252	-158.383	-0.06655
889.8184	43.87947	10.05435	929.5431	935.8656	511.7569	-87.1767	-124.692	-0.06919
885.1561	45.27161	21.69429	926.8069	934.0798	511.8893	-87.617	-108.462	-0.0671
879.6442	44.0318	34.75273	924.042	932.2098	512.0964	-90.8641	-96.5856	-0.06282
875.6822	44.39243	44.39429	921.4967	930.3793	512.2463	-89.8287	-98.2488	-0.04189
874.1389	68.92536	44.56528	920.1432	929.0696	512.6741	-84.2077	-77.7606	-0.02539
877.7881	82.16119	52.44986	920.3999	928.532	512.8998	-64.4659	-47.9628	-0.00353
884.5457	91.57754	65.15966	922.1869	928.7901	513.0475	-35.8614	-18.9336	0.0102
892.9906	84.81412	80.88803	924.7353	929.528	513.2622	-15.1859	10.25858	0.022552
894.1065	96.13982	86.18429	927.9204	930.7065	513.3758	-3.23896	23.75052	0.046204
889.9402	91.91999	90.84383	933.1986	933.0415	513.5685	-6.70036	78.20316	0.060599
884.0657	96.07136	90.95798	939.6461	936.1574	513.756	-2.75177	113.2499	0.069016
881.6479	70.65307	94.71039	944.8425	938.9179	513.9573	-18.5324	145.4848	0.067634
879.7938	95.03051	86.21481	951.4493	942.5378	514.1777	-3.0514	158.2585	0.086871
880.9883	93.3917	87.25165	957.855	946.2821	514.3556	-3.42394	161.964	0.094313
883.0768	92.48048	86.35843	964.1059	950.149	514.5211	-3.65969	145.5817	0.093992

886.0336	79.07767	93.63423	970.3475	954.1881	514.8687	-7.95549	144.3214	0.089893
891.4588	81.59719	88.31662	975.8347	958.0271	515.0431	-7.29694	128.4754	0.079396
900.9918	23.96123	84.38511	977.5058	960.1508	515.2338	-26.1304	90.19946	0.051074
911.2491	88.22718	61.54536	982.4556	963.8196	515.4546	-4.57234	101.3302	0.067948
921.3013	90.43685	64.5952	988.5793	968.1485	515.7882	-4.26315	121.9468	0.062387
933.0677	44.50998	67.54176	990.7968	970.7295	516.2875	-25.1741	89.12941	0.028598
944.2639	25.50182	74.39134	991.4462	972.5287	516.4448	-38.6879	66.5388	0.022185
952.4995	6.090577	53.48288	988.1095	972.3234	516.6784	-75.6631	20.24469	-0.01825
955.15	4.297411	25.36746	983.2897	971.1721	516.9288	-95.7026	-21.2201	-0.03656
945.4392	5.23058	11.96327	976.0262	968.5725	517.1578	-95.1411	-80.5159	-0.0625
943.413	42.19164	5.206189	974.0712	968.1833	517.3772	-66.4054	-53.091	-0.04117
937.8169	30.89801	17.23988	970.611	966.9534	517.5596	-78.7879	-69.5566	-0.05411
934.2279	68.73617	26.10674	969.3139	966.5998	517.7003	-67.6071	-56.9161	-0.02485
933.1958	96.32499	47.27527	971.0814	967.6519	517.8435	-47.9624	-16.1103	-0.0286
928.5883	26.09432	65.31972	968.6756	966.7476	518.3706	-74.7126	-48.3105	-0.06536
927.3801	39.98046	63.71849	968.6287	966.8678	518.6268	-61.0763	-57.4329	-0.03452
929.479	77.30922	54.13326	971.5685	968.4137	518.7773	-40.6479	8.889332	-0.00732
926.0728	95.99423	47.79466	978.4146	971.9437	519.0967	-3.93704	89.74114	0.047755
922.5844	97.44831	71.09464	986.204	976.1735	519.3691	-2.08752	123.7161	0.075529
913.2616	87.62082	90.25058	999.4321	983.2856	520.1883	-10.4915	211.8753	0.145405
902.0835	92.6693	93.68779	1013.285	991.1513	520.8211	-5.45349	219.9935	0.130958
900.7427	69.90822	92.57948	1021.409	996.7026	521.0489	-19.4428	164.8826	0.120341
901.059	81.73342	83.39945	1030.745	1003.028	521.2722	-10.4062	140.5452	0.124627
906.9978	75.22595	81.43698	1038.675	1008.899	521.4352	-10.8224	127.4	0.103474
916.1787	77.64315	75.62253	1047.26	1015.238	521.6278	-6.48977	124.9031	0.145516
922.3173	85.70399	78.20084	1058.151	1022.854	521.9238	-5.47523	135.2695	0.15457
934.7255	73.58494	79.52436	1066.094	1029.293	522.1374	-10.1167	111.6845	0.123558
948.0636	54.98367	78.97736	1071.39	1034.569	522.299	-15.8333	94.39012	0.083114
962.3488	55.2253	71.4242	1076.511	1039.762	522.5137	-15.0645	84.92403	0.073498
985.96	18.80458	61.26464	1080.159	1044.241	522.745	-20.1083	78.15369	0.026147
1009.717	77.25901	43.00452	1086.172	1049.796	522.9908	-7.16946	86.11635	0.027323
1029.83	88.88889	50.42963	1094.543	1056.522	523.5167	-5.14385	103.252	0.069876
1039.025	94.89564	61.65083	1106.9	1065.288	524.0664	-3.64235	134.3626	0.085733
1046.11	88.90643	87.01451	1118.324	1073.87	524.4617	-7.91448	154.0236	0.091346
1049.965	61.92835	90.89699	1124.332	1080.056	524.709	-25.919	126.1347	0.057474
1053.979	65.35383	81.91014	1130.727	1086.415	524.9723	-20.6608	125.0647	0.042794
1061.036	81.52471	72.06287	1138.523	1093.451	525.1341	-8.83738	137.9455	0.064536
1068.557	49.39103	69.6023	1143.84	1099.349	525.2975	-18.9463	125.748	0.065935
1073.449	91.51181	65.42319	1153.444	1107.269	525.6258	-4.05755	145.249	0.091961
1077.748	77.87597	74.14251	1161.608	1114.621	525.9147	-10.7844	140.8534	0.09661
1082.699	51.19783	72.92627	1166.421	1120.418	526.0628	-21.5687	103.3967	0.065805
1091.381	19.56116	73.52854	1167.979	1124.576	526.2509	-35.5125	68.61007	0.031527
1102.762	56.93858	49.54499	1172.787	1130.106	526.4687	-17.6496	85.09759	0.020742
1116.688	36.93878	42.56586	1175.362	1134.508	526.7145	-29.7975	79.31324	0.007087
1134.805	61.01439	37.81284	1177.991	1138.799	526.8724	-33.0574	78.54305	0.030299
1146.668	96.48813	51.63059	1184.962	1145.059	527.1949	-2.68161	111.0808	0.049237
1150.5	93.60116	64.81377	1192.735	1151.758	527.5101	-5.02632	136.137	0.045782

1145.026	94.20391	83.70123	1202.704	1159.593	527.864	-4.35608	167.3699	0.07199
1143.006	96.93366	94.7644	1212.365	1167.438	528.1639	-2.34226	183.3055	0.049109
1144.706	95.06797	94.91291	1222.674	1175.729	528.4204	-3.66012	201.911	0.060388
1142.495	95.83337	95.40185	1235.588	1185.425	528.8329	-2.85101	219.2866	0.095333
1147.181	61.58936	95.945	1242.736	1192.582	529.3525	-23.7868	167.0966	0.089669
1154.433	20.88466	84.16357	1245.774	1197.76	529.7996	-37.2864	102.4034	0.052742
1157.268	5.465477	59.4358	1243.346	1200.147	530.4643	-59.7061	38.17426	0.034019
1159.858	3.011198	29.31317	1239.386	1201.441	530.9845	-69.0049	13.68149	0.021101
1166.824	15.44441	9.787112	1237.986	1203.577	531.3632	-65.206	16.73021	0.005709
1174.105	20.86861	7.973694	1234.524	1204.459	531.7972	-79.1004	-15.2209	-0.0162
1181.719	86.01619	13.10807	1236.836	1207.799	532.2817	-55.7067	26.99752	-0.00634
1192.674	96.22252	40.7764	1241.414	1212.155	532.7572	-41.8257	66.19018	0.000861
1201.936	64.99663	67.70333	1241.821	1214.518	533.0663	-60.7054	35.97827	-0.0276
1201.648	40.08234	82.41267	1239.399	1215.374	533.5326	-75.7677	-0.66742	-0.06164
1200.818	48.4821	67.10139	1239.605	1217.253	533.878	-63.4855	-6.4106	-0.03222
1198.958	46.28569	51.18702	1239.879	1219.04	534.2208	-62.9461	20.31127	-0.01671
1191.976	7.761759	44.95004	1235.957	1218.696	534.5038	-85.5602	-68.1072	-0.01268
1183.991	4.571388	34.17652	1231.305	1217.735	534.8184	-90.2426	-104.939	-0.00976
1186.395	13.06972	19.53961	1226.394	1216.375	535.2754	-87.8656	-140.285	-0.02512
1187.859	36.91634	8.467623	1223.267	1215.612	536.0484	-65.253	-126.619	-0.00774
1190.99	72.1933	18.18582	1222.838	1215.972	536.465	-50.3832	-81.7757	-0.02327
1190.906	76.58538	40.72646	1222.255	1216.2	536.8639	-51.8651	-82.3122	-0.03754
1191.342	96.38049	61.89834	1224.931	1217.937	537.1342	-30.608	-19.4355	-0.00354
1192.572	88.36484	81.71972	1227.553	1219.718	537.5953	-28.2064	11.51852	0.012968
1192.09	82.07292	87.11024	1230.412	1221.675	538.072	-20.3744	59.60653	0.004351
1189.854	47.84882	88.93942	1228.831	1221.561	538.3751	-47.6655	-55.8015	-0.01712
1188.376	7.048291	72.76219	1223.439	1219.503	538.6726	-76.5472	-112.448	-0.01697
1150.271	9.806874	45.65668	1206.251	1211.519	539.5019	-90.4186	-325.602	-0.07797
1091.661	4.581494	21.568	1180.52	1198.74	540.189	-95.4185	-377.115	-0.13372
1072.101	36.1189	7.145553	1167.976	1191.35	540.984	-65.9354	-239.378	-0.08879
1052.915	30.13314	16.83576	1154.412	1183.088	541.3466	-73.7965	-172.531	-0.11526
1038.438	46.43618	23.61118	1144.772	1176.323	541.6612	-68.9011	-138.482	-0.10442
1022.68	63.68288	37.56274	1134.436	1169.009	542.0834	-74.7105	-133.103	-0.13073
1015.418	97.6317	46.75073	1131.595	1165.08	542.3924	-58.9681	-77.2321	-0.10146
1010.344	93.11836	69.25025	1131.203	1162.411	542.7031	-53.6055	-53.1715	-0.09396
1010.057	97.10614	84.81098	1134.537	1161.704	542.9746	-43.8351	-25.3227	-0.05513
1007.996	79.42792	95.95206	1135.453	1160.133	543.438	-48.9133	-20.6104	-0.04464
1005.038	28.46011	89.88414	1128.607	1155.009	544.2626	-67.3703	-83.8515	-0.01867
998.9887	4.344273	68.33139	1116.925	1147.428	544.6762	-82.6676	-92.5868	0.013157
1001.164	8.142998	37.41077	1105.828	1139.826	544.9929	-82.3173	-108.784	-0.04931
1002.924	9.699236	13.64913	1095.075	1132.13	545.3986	-86.8661	-103.967	-0.04064
1005.465	14.63413	7.395502	1083.697	1123.907	545.7986	-91.1629	-118.621	-0.06469
1002.726	28.96339	10.82546	1076.219	1117.328	546.0653	-82.51	-99.9349	-0.03944
1004.24	92.18854	17.76559	1076.429	1114.384	546.3036	-56.1829	-56.7031	-0.0344
1000.449	52.42099	45.26202	1071.913	1109.398	546.5711	-75.0843	-68.6233	-0.0726
996.3158	57.90839	57.85764	1068.74	1105.094	547.0637	-72.4762	-76.8216	-0.08812
993.0254	47.66871	67.50598	1065.292	1100.741	547.3445	-75.5447	-74.7054	-0.08256

989.2467	60.39696	52.66603	1065.218	1098.079	547.8606	-64.0994	-32.0932	-0.02397
988.7995	94.74841	55.32469	1067.501	1096.744	548.0975	-54.6486	-3.00355	0.02602
989.693	87.84617	67.60469	1071.537	1096.521	548.3772	-10.8739	40.74293	0.046838
999.2246	93.38458	80.99718	1075.957	1096.799	548.4193	-4.36108	55.61781	0.062109
1012.308	58.43781	91.99306	1077.069	1095.79	548.7667	-21.856	24.81851	0.060778
1015.912	29.99995	79.88952	1075.96	1093.87	548.948	-35.497	-3.65823	0.033592
1017.08	65.40616	60.60745	1077.985	1093.518	549.1633	-15.7707	10.88808	0.01071
1020.263	62.06901	51.28131	1079.471	1093.083	549.4128	-18.3333	35.38185	0.038742
1026.674	61.25706	52.49171	1080.56	1092.599	549.6301	-26.3044	36.67415	0.033545
1034.299	95.743	62.91074	1086.137	1094.393	549.9955	-3.07408	124.1758	0.067361
1033.683	97.91804	73.02302	1094.301	1097.712	550.2485	-1.62361	190.7376	0.069867
1034.696	73.7216	84.9727	1099.289	1099.861	550.4453	-17.4693	155.4747	0.043199
1041.944	38.0403	89.12755	1099.775	1100.052	550.6949	-46.3612	96.55533	0.00797
1049.535	9.778966	69.89331	1098.655	1099.492	550.8831	-58.3608	58.55843	-0.00707
1059	21.11107	40.51362	1098.759	1099.48	551.09	-53.7565	53.1749	0.014907
1063.945	52.64949	22.97678	1101.658	1100.823	551.3157	-32.2656	86.73121	0.04463
1063.155	91.54928	27.84651	1107.838	1103.86	551.5921	-5.81529	144.415	0.048388
1059.458	86.1818	55.10328	1115.483	1107.836	552.0456	-10.3778	192.7822	0.064256
1059.079	79.17596	76.79352	1121.806	1111.447	552.4313	-15.9121	179.403	0.064457
1064.127	63.31467	85.63568	1125.465	1113.976	552.6276	-29.403	129.1497	0.025767
1072.258	43.55101	76.22414	1127.929	1116.013	552.8078	-33.8694	91.37099	0.002
1077.856	33.93997	62.01388	1130.448	1118.109	553.0097	-34.702	81.35836	0.015606
1083.273	7.970396	46.93522	1127.779	1117.738	553.2059	-70.3726	15.63749	0.009659
1088.742	38.242	28.48712	1127.068	1118.139	553.4453	-58.9165	0.908154	0.028064
1078.09	9.445215	26.71746	1119.828	1115.315	553.7397	-93.0515	-87.963	-0.01757
1072.239	40.99235	18.55254	1114.815	1113.236	554.1539	-67.5191	-119.131	-0.02717
1070.977	59.04252	29.55986	1112.547	1112.26	554.5542	-57.6336	-66.9976	-0.03657
1070.652	63.51433	36.49336	1110.102	1111.104	554.8524	-60.2672	-52.2972	-0.05259
1071.949	78.35622	54.5164	1108.818	1110.412	555.0822	-56.3359	-66.8291	-0.04741
1073.339	96.02576	66.97102	1110.429	1111.07	555.2487	-42.8244	-11.6153	-0.02296
1072.205	94.92688	79.29877	1112.783	1112.156	555.4441	-37.8626	9.903557	-0.0138
1071.024	81.08116	89.76962	1114.836	1113.19	555.6922	-31.7764	34.87663	-0.01589
1072.383	66.0361	90.67793	1115.3	1113.536	555.8816	-29.2389	-8.00019	0.004272
1071.304	8.187067	80.68138	1111.388	1111.783	556.1455	-56.4547	-62.732	-0.02963
1066.98	4.279795	51.76811	1106.393	1109.349	556.2736	-63.6702	-111.636	-0.00101
1065.445	40.04899	26.16765	1103.569	1107.77	556.4942	-53.0336	-115.523	0.000729
1070.993	81.6005	17.50528	1104.509	1107.912	556.8966	-29.3608	-26.5053	0.008735
1070.252	86.06325	41.97643	1106.12	1108.435	557.1481	-23.5645	9.467127	0.016711
1073.849	79.88506	69.23758	1106.828	1108.605	557.3833	-31.9045	5.21097	0.008137
1077.942	79.526	82.51627	1107.389	1108.743	557.5273	-32.2106	-2.10519	-0.00788
1078.809	15.7663	81.82477	1105.639	1107.8	557.7546	-50.0919	-29.3613	-0.0264
1075.513	5.869349	58.39245	1102.077	1105.925	557.9859	-66.8095	-80.9044	-0.03875
1073.683	33.27026	33.72055	1099.963	1104.622	558.2466	-59.5835	-89.671	-0.02641
1071.537	51.19053	18.30197	1099.103	1103.863	558.4204	-52.1126	-17.9273	0.004136
1070.188	51.30718	30.11005	1098.361	1103.153	558.5962	-43.9655	-37.754	0.014231
1071.197	79.38422	45.25599	1098.662	1102.943	558.7781	-35.2011	-13.1302	0.01129
1073.527	70.68275	60.62731	1098.422	1102.51	558.9063	-39.8706	-29.7193	-0.01134

1075.381	31.6581	67.12472	1096.779	1101.416	559.1067	-53.4483	-68.6664	-0.02443
1075.59	33.98706	60.57502	1095.197	1100.311	559.2327	-71.0064	-93.2234	-0.02181
1077.005	94.8466	45.44264	1098.866	1101.699	559.557	-10.3416	58.40137	0.007716
1075.317	84.47102	53.49725	1102.922	1103.442	559.768	-14.241	134.731	0.026663
1073.784	78.13003	71.10156	1106.134	1104.95	560.0155	-20.1348	135.6454	0.038161
1060.972	94.63776	85.81588	1116.456	1110.008	560.9107	-5.10103	253.1476	0.078005
1039.069	98.33271	85.74627	1133.321	1118.606	561.743	-1.41644	337.1725	0.120344
1030.329	89.91031	90.36683	1147.203	1126.379	562.378	-7.1148	276.1684	0.118137
1029.966	82.34291	94.29359	1157.6	1132.928	562.7146	-12.862	206.1735	0.104029
1031.012	95.12502	90.19531	1169.621	1140.543	563.2227	-3.44726	172.3124	0.126366
1035.209	75.41092	89.12608	1179.572	1147.488	563.5567	-10.4879	147.9728	0.134739
1043.21	22.06208	84.29295	1185.484	1152.712	563.8848	-19.714	110.5279	0.121034
1053.64	14.68031	64.19934	1187.607	1156.161	564.2301	-30.3141	73.79388	0.071704
1064.799	6.250105	37.38444	1187.125	1158.258	564.5155	-38.6988	55.11568	0.052646
1079.07	48.98103	14.33083	1191.51	1162.508	564.8946	-23.5128	67.34558	0.081714
1097.779	90.74797	23.30381	1198.695	1168.116	565.2507	-10.9502	88.91073	0.055389
1115.521	94.28439	48.6597	1211.015	1176.313	565.7223	-3.62382	115.0643	0.042983
1129.783	88.65841	78.00446	1221.54	1183.951	566.1082	-7.59682	122.0825	0.045662
1145.178	93.65629	91.23026	1233.295	1192.395	566.5042	-5.73638	131.3585	0.068458
1167.007	67.28632	92.1997	1240.216	1198.757	566.8871	-23.6741	116.6258	0.03443
1175.984	45.04101	83.20034	1244.137	1203.716	567.1514	-33.4358	94.8285	0.025441
1177.655	3.204969	68.66121	1243.728	1206.513	567.4468	-52.2291	59.94381	0.019275
1180.402	7.69224	38.51076	1243.863	1209.335	567.6978	-49.8078	54.54969	0.03779
1178.512	6.007695	18.64607	1239.069	1209.584	567.9453	-74.558	-16.6367	0.023835
1178.312	35.20231	5.634968	1238.099	1211.301	568.3081	-58.993	-10.3892	0.014098
1175.62	9.838731	16.30075	1233.568	1211.105	568.6686	-77.7094	-43.697	-0.02388
1174.511	8.013107	17.01624	1229.124	1210.629	568.8992	-87.4377	-68.9806	-0.05794
1179.967	56.0535	17.68471	1228.144	1211.527	569.1348	-78.9544	-45.2063	-0.04429
1188.537	76.60956	24.63511	1229.229	1213.28	569.5383	-67.5454	-9.29396	-0.04835
1187.912	45.38625	46.89206	1227.929	1213.836	569.8669	-80.7727	-38.0378	-0.04499
1182.619	45.27915	59.34977	1226.821	1214.346	570.1601	-80.8181	-42.93	-0.03553
1178.601	27.50969	55.75832	1224.047	1213.935	570.5313	-87.6302	-69.8723	-0.02633
1175.611	33.78382	39.3917	1222.196	1213.792	570.9415	-81.4815	-55.532	-0.02619
1183.523	63.74047	35.52422	1221.779	1214.214	571.3618	-64.2142	-41.4434	0.005596
1189.063	51.54224	41.67799	1220.665	1214.238	571.6555	-69.7815	-52.0437	-0.01479
1196.603	81.36228	49.68884	1221.49	1215.112	571.92	-38.8997	-46.9444	0.014384
1194.151	87.05152	65.54833	1226.326	1217.913	572.3841	-12.3696	24.52608	0.040046
1193.748	84.39543	73.31868	1231.249	1220.906	572.7018	-12.9404	63.14901	0.029084
1192.099	79.24827	84.26974	1234.934	1223.446	572.9376	-17.2088	69.26143	0.0162
1184.69	91.54177	83.56508	1243.691	1228.514	573.3316	-7.45282	167.6346	0.058222
1176.839	97.32052	85.06182	1255.254	1235.205	573.8065	-2.07032	242.7149	0.080378
1171.017	87.53063	89.37019	1267.468	1242.571	574.2929	-8.24679	235.126	0.104118
1168.602	79.55005	92.13097	1276.927	1248.97	574.7434	-13.1089	188.8402	0.096486
1171.203	57.0745	88.13373	1281.899	1253.434	575.4164	-25.8654	135.3834	0.073596
1173.809	76.47643	74.71839	1290.433	1259.652	575.8523	-7.81044	136.6019	0.101138
1176.638	94.9853	71.03366	1301.693	1267.354	576.2863	-2.13762	145.2452	0.112229
1185.397	83.65889	76.17874	1311.053	1274.404	576.7289	-7.40849	135.6587	0.087484

1199.02	39.7787	85.0402	1313.838	1278.459	577.2265	-27.3022	91.73184	0.056288
1213.926	10.86959	72.80763	1313.557	1280.945	577.5591	-41.5631	49.64404	0.045261
1231.556	70.89759	44.76906	1319.842	1286.387	577.9714	-15.98	82.39331	0.048424
1249.487	45.65221	40.5153	1322.417	1290.105	578.4104	-30.7539	76.74674	0.013445
1263.049	67.44551	42.47313	1326.235	1294.336	578.8661	-23.3333	72.56883	0.009426
1276.08	83.40726	61.33177	1334.319	1300.592	579.3212	-15.6381	107.9331	0.037494
1293.339	77.73435	65.50166	1340.831	1306.226	579.6837	-17.887	110.1823	0.051489
1302.195	50.6249	76.1957	1344.132	1310.378	580.0352	-33.0544	97.44062	0.018629
1304.593	16.01552	70.58883	1343.549	1312.598	580.3995	-56.2239	54.80773	-0.01707
1305.774	17.08457	48.12492	1343.186	1314.716	580.689	-58.7126	32.0537	-0.01567
1304.587	6.989821	27.90833	1339.122	1314.868	581.0559	-86.0711	-22.7866	-0.00932
1305.891	16.40248	13.3633	1336.475	1315.39	581.4523	-80.2996	-56.0858	0.00755
1300.7	16.58697	13.49229	1333.771	1315.65	581.7712	-83.6848	-64.2438	-0.02622
1299.754	60.13983	13.32642	1333.83	1317.021	582.0139	-66.5927	-44.7665	-0.00182
1300.988	60.54794	31.04309	1333.316	1318.018	582.2649	-74.2425	-37.1288	-0.01243
1301.976	53.34276	45.75825	1332.431	1318.725	582.4438	-77.6806	-54.3071	-0.03714
1302.817	51.49252	58.01018	1332.231	1319.644	582.7809	-73.4849	-27.0724	-0.03306
1302.639	93.74471	55.12774	1338.494	1323.592	583.575	-24.3008	106.9659	0.007817
1301.406	18.90408	66.19333	1337.605	1324.268	584.034	-70.3411	-22.8354	-0.00569
1299.254	52.69401	54.71377	1339.672	1326.251	584.4236	-47.7439	23.34309	0.007349
1299.782	90.32846	55.11427	1345.331	1329.97	584.7493	-7.18158	118.2121	0.045326
1302.711	43.74123	53.97552	1347.513	1332.158	585.364	-43.7637	108.4367	0.028439
1302.008	72.43311	62.25457	1352.468	1335.681	585.6692	-21.4443	102.3215	0.046117
1300.708	70.48183	68.83427	1356.661	1338.944	586.1207	-21.4443	85.9423	0.034155
1300.396	82.74842	62.21872	1362.076	1342.863	586.5113	-10.1259	121.088	0.046125
1303.511	84.24396	75.22112	1367.236	1346.771	586.8073	-9.7741	134.6245	0.051263
1309.466	35.70017	79.15807	1367.953	1348.632	587.1276	-39.5152	68.90757	0.030623
1311.342	4.269116	67.56419	1362.25	1347.318	587.5058	-89.697	-18.2906	-0.03063
1297.604	5.786084	41.40442	1350.712	1342.868	588.0877	-94.2139	-153.048	-0.03412
1270.491	2.835606	15.25179	1334.395	1335.593	588.8146	-97.1644	-231.104	-0.07875
1247.297	3.89736	4.296935	1319.78	1328.467	589.2274	-96.4348	-208.01	-0.09957
1218.637	2.716446	4.173017	1304.504	1320.468	589.515	-97.6052	-204	-0.10227
1206.778	29.28892	3.149804	1295.905	1315.146	589.989	-82.6579	-150.088	-0.09502
1192.496	47.96102	11.96757	1288.089	1309.957	590.4004	-84.5263	-116.002	-0.09757
1180.477	74.95047	26.65546	1282.762	1305.773	590.6449	-80.0789	-95.8911	-0.09943
1174.301	79.00989	50.73347	1278.568	1302.049	590.937	-79	-83.4736	-0.1004
1172.568	88.88888	67.30712	1283.935	1302.893	591.4315	-48.2105	-12.3012	-0.0426
1174.669	76.63221	80.94974	1290.594	1304.695	592.0046	-40.8948	17.05673	-0.00275
1176.636	76.86947	81.51032	1296.32	1306.408	592.4699	-35.5961	18.5392	0.031513
1182.131	58.49997	80.79685	1300.174	1307.516	593.2044	-36.4777	25.53908	0.061642
1192.675	37.68366	70.66721	1303.886	1308.759	593.6176	-33.5258	8.648951	0.068497
1202.233	4.294117	57.68436	1303.033	1307.988	593.9085	-49.4529	-11.0341	0.063796
1206.664	19.70582	33.49258	1304.308	1308.235	594.6842	-41.4894	0.822131	0.05022
1210.074	10.13089	20.5612	1303.756	1307.678	594.9643	-47.9939	-5.28494	0.044673
1216.569	51.56101	11.37694	1305.834	1308.388	595.3943	-38.785	20.96617	0.050895
1226.7	68.69213	27.13257	1307.653	1309.075	595.8654	-43.7411	32.14728	0.049511
1240.006	88.82731	43.46134	1313.773	1311.916	596.2136	-22.7143	77.12155	0.025869

1250.516	67.7603	69.69348	1317.647	1313.919	596.5064	-28.8214	96.24069	0.008845
1264.59	19.13805	75.09325	1317.222	1313.991	596.8151	-73.0508	53.42014	-0.00974
1277.922	13.54694	58.57522	1314.966	1313.143	597.0783	-87.7632	13.96887	-0.01424
1291.68	19.73775	33.48176	1313.704	1312.671	597.2893	-82.9255	16.21163	-0.01324
1291.025	34.30443	17.47425	1314.16	1312.967	597.4977	-71.5424	33.05635	0.014115
1290.86	47.158	22.52971	1315.003	1313.461	597.6856	-60.0571	41.31539	0.006346
1290.93	66.00607	33.73339	1314.97	1313.56	597.9683	-67.0471	4.208323	0.010815
1289.058	29.91596	49.15617	1313.464	1312.939	598.2351	-80.8845	-38.9804	-0.00917
1279.062	6.343847	47.69334	1306.817	1309.777	598.4922	-96.0314	-185.401	-0.03597
1270.21	17.17182	34.08863	1300.994	1306.755	598.7756	-88.6828	-229.08	-0.05823
1261.864	20.45777	17.81054	1295.511	1303.688	599.0205	-86.789	-193.8	-0.05497
1258.234	54.72757	14.65781	1293.829	1302.272	599.2049	-69.4134	-129.437	-0.02305
1251.369	29.44251	30.78572	1289.776	1299.695	599.5987	-84.8634	-145.121	-0.02692
1238.917	11.80379	34.87595	1283.741	1296.055	599.7843	-94.9429	-176.972	-0.04302
1241.228	87.12058	31.99129	1283.732	1295.138	600.0372	-50.5644	-95.5189	-0.02505
1244.864	79.24517	42.78896	1283.465	1294.165	600.2365	-52.5847	-51.848	-0.02853
1242.003	39.52334	59.38985	1280.191	1291.796	600.6553	-76.3517	-83.5697	-0.04001
1232.797	7.953502	68.62969	1274.213	1288.058	600.9645	-95.0418	-123.123	-0.04892
1228.774	38.5211	42.24067	1271.555	1285.753	601.1847	-74.6175	-108.332	-0.01049
1229.051	55.116	28.66598	1270.776	1284.326	601.3533	-59.198	-74.818	-0.00195
1232.612	71.55586	33.86353	1270.735	1283.303	601.5012	-50.9178	-52.3747	0.004071
1237.83	84.2872	55.06432	1270.921	1282.461	601.6589	-35.4257	-34.4609	-0.00983
1242.005	37.93493	70.31969	1267.931	1280.167	601.8394	-70.9372	-75.8776	-0.01262
1236.833	8.995296	64.59266	1263.679	1277.213	602.0654	-90.3698	-124.999	-0.0082
1237.065	76.04378	43.73914	1264.356	1276.537	602.3539	-41.4553	-71.8743	-0.01215
1235.772	73.29648	40.99133	1264.739	1275.818	602.5543	-43.5704	-27.33	-0.01182
1237.96	80.11107	52.77852	1265.474	1275.352	602.6988	-39.0018	11.76974	0.005808
1239.191	64.22013	76.48378	1265.935	1274.842	602.9629	-40.7785	49.8214	0.021866
1238.746	56.1468	72.54256	1265.656	1274.048	603.1403	-43.8532	3.945615	0.005714
1239.237	77.636	66.826	1267.995	1274.552	603.3101	-12.8439	82.46031	0.011341
1241.535	38.7861	66.00098	1268.275	1274.201	603.4695	-33.3027	62.33611	-0.00055
1241.169	9.16666	57.52297	1265.463	1272.409	603.665	-70.0001	-70.1585	-0.01725
1238.696	11.60221	41.86292	1261.126	1269.806	603.9265	-89.0052	-147.564	-0.01136
1238.819	76.32708	19.85165	1262.257	1269.708	604.3983	-26.8226	-75.2488	0.022723
1238.251	66.35592	32.36532	1262.154	1269.106	604.7334	-36.3823	3.072175	-0.00512
1235.733	47.74786	51.4284	1259.866	1267.489	604.9791	-56.2585	-81.0145	-0.01544
1226.818	6.726493	63.47695	1253.723	1263.967	605.3201	-93.8356	-194.278	-0.03905
1213.686	4.529305	40.27676	1245.827	1259.407	605.6282	-95.7777	-254.705	-0.05209
1200.924	6.587818	19.66789	1238.712	1254.975	605.8903	-93.8356	-233.638	-0.05105
1180.323	4.812876	5.947872	1228.112	1248.666	606.1895	-96.0096	-242.708	-0.0867
1159.235	3.609934	5.31	1216.91	1241.75	606.4827	-97.1397	-235.177	-0.09018
1147.059	32.44714	5.003543	1209.565	1236.374	606.7959	-79.6113	-184.093	-0.06467
1138.433	47.45298	13.62332	1203.975	1231.696	607.1296	-76.8155	-133.916	-0.05176
1119.111	16.68473	27.83668	1192.996	1224.357	607.5292	-90.7475	-163.643	-0.10711
1103.141	8.262305	32.19495	1181.413	1216.457	607.9015	-96.3351	-154.721	-0.11405
1085.624	6.621132	24.13334	1168.731	1207.755	608.2156	-96.6981	-152.429	-0.11889
1080.42	55.41524	10.52272	1164.547	1202.85	608.6156	-71.2739	-113.843	-0.06427

1074.49	83.29177	23.43289	1162.491	1199.023	608.9121	-63.5967	-70.2259	-0.04259
1075.881	86.48193	48.44272	1177.92	1203.745	610.5911	-13.5181	68.34192	0.052686
1074.527	92.25438	75.06298	1193.033	1209.109	611.1149	-7.74562	97.91695	0.090905
1074.215	87.35362	87.34269	1204.259	1213.323	611.4723	-12.6464	85.54295	0.09582
1070.172	92.21169	88.69664	1215.982	1218.296	611.7409	-5.66575	95.08051	0.095192
1068.569	63.67119	90.60656	1223.365	1221.68	611.9837	-13.6265	80.15057	0.077342
1070.232	11.72593	81.07883	1228.85	1224.445	612.1547	-16.0172	68.029	0.111602
1075.14	13.55778	55.8696	1229.803	1225.23	612.3723	-27.5879	44.83481	0.104981
1080.297	70.19913	29.65163	1235.044	1228.092	612.7077	-13.6744	58.50629	0.150036
1085.586	59.70374	31.82761	1238.099	1230.079	613.0148	-18.0014	70.2011	0.099319
1094.293	71.62959	47.82022	1241.911	1232.508	613.4689	-14.1525	65.68765	0.097023
1111.333	54.51852	67.17749	1243.377	1233.91	613.6523	-19.6749	53.11352	-0.00898
1135.199	22.59259	61.95062	1241.333	1233.627	613.9409	-41.2093	27.27766	-0.0361
1169.364	37.73981	49.58024	1240.64	1233.864	614.3158	-66.9861	20.19578	-0.02304
1187.381	7.529345	38.28364	1233.629	1230.991	614.588	-93.8727	-13.2232	-0.06669
1195.678	15.90314	22.62058	1226.897	1227.945	615.0509	-86.3657	-39.8537	-0.05862
1181.751	16.91387	20.39077	1220.812	1224.938	615.376	-88.6681	-37.8731	-0.05693
1178.479	53.32849	13.44879	1219.306	1223.907	615.7112	-66.2343	-25.9319	-0.01945
1173.753	63.47668	28.71517	1217.985	1222.93	615.8829	-66.5123	-25.2252	-0.04205
1175.765	89.6199	44.57301	1218.728	1222.921	616.0629	-55.2108	-21.6669	-0.02558
1172.123	36.16125	68.80836	1215.69	1221.148	616.2352	-77.4895	-68.8321	-0.05059
1173.111	67.14622	63.08594	1215.444	1220.625	616.4234	-63.3626	-71.4016	-0.02984
1167.399	45.35431	64.30913	1212.973	1219.052	616.7143	-75.0378	-102.637	-0.02496
1164.824	20.88316	49.55393	1208.855	1216.619	616.9338	-87.9937	-103.315	-0.04093
1163.285	36.0627	44.46123	1206.628	1214.971	617.1452	-73.5174	-83.0082	-0.00058
1160.674	11.45938	34.10006	1200.682	1211.49	617.3336	-92.1712	-123.71	-0.0184
1163.903	84.01023	22.80175	1207.126	1213.793	618.045	-15.9898	6.339149	0.046513
1163.63	61.42136	43.8441	1210.271	1214.813	618.3735	-38.5786	65.63201	0.013661
1160.561	84.06659	52.29699	1218.951	1218.656	618.9225	-15.9334	123.6621	0.046228
1158.205	84.74041	76.49939	1226.425	1222.276	619.2112	-15.2596	140.4515	0.036577
1156.113	98.39359	76.74279	1235.379	1226.895	619.5075	-1.5854	163.94	0.071426
1153.953	92.56261	89.06686	1244.822	1232.07	619.8194	-4.17978	171.1564	0.068089
1148.765	96.23666	91.89887	1256.348	1238.564	620.2456	-2.14586	185.6608	0.100351
1149.881	49.2822	95.73095	1261.932	1242.57	620.5429	-21.9073	135.6659	0.089732
1152.736	49.01154	79.36049	1267.595	1246.731	620.7634	-18.2758	102.6966	0.087377
1158.488	44.15148	64.84347	1271.937	1250.367	621.0118	-20.0178	109.1189	0.109452
1164.848	47.44654	47.48174	1275.915	1253.88	621.1777	-18.8367	93.51169	0.044445
1175.072	71.58141	46.86985	1281.515	1258.208	621.4696	-10.1861	89.82673	0.069036
1186.558	92.87333	54.39314	1292.044	1265.004	622.0796	-3.21011	128.1417	0.065731
1203.982	78.56199	70.63376	1299.406	1270.552	622.3687	-12.2389	116.146	0.05709
1231.447	85.6209	81.00558	1306.459	1276.085	622.6038	-8.71288	115.9237	0.047193
1241.372	92.45165	85.68541	1313.364	1281.66	622.7747	-5.78347	113.9014	0.042092
1255.781	87.55329	85.54485	1320.456	1287.423	623.1215	-7.42246	120.972	0.030099
1259.392	95.99674	88.54195	1330.138	1294.531	623.4145	-2.12407	141.4232	0.070197
1261.869	85.00976	92.00056	1341.355	1302.57	623.9448	-7.87856	171.3202	0.080317
1264.945	72.50142	89.51993	1350.511	1309.851	624.4705	-14.5934	165.5711	0.081072
1269.551	39.23432	84.50264	1354.944	1314.998	624.8114	-28.5761	118.0253	0.06282

1269.771	92.86754	65.58184	1365.408	1322.995	625.2407	-3.32433	135.9074	0.084318
1277.402	82.41843	68.20109	1373.463	1330.015	625.4994	-6.88154	131.7421	0.050229
1286.912	82.61907	71.50676	1380.743	1336.738	625.5575	-7.04925	131.6507	0.060365
1296.044	86.62884	85.96835	1391.901	1345.37	626.0708	-8.14464	152.9098	0.080302
1306.916	94.4388	83.88878	1403.18	1354.248	626.4006	-3.68242	148.7175	0.084265
1318.603	67.7295	87.89557	1410.475	1361.385	626.7917	-18.2277	125.9166	0.067038
1326.827	45.09642	82.93238	1415.513	1367.447	627.0647	-24.1965	92.36719	0.043251
1338.874	34.224	69.08824	1419.89	1373.114	627.3422	-25.407	92.37673	0.029159
1352.312	12.94963	49.01664	1422.016	1377.603	627.5906	-35.9966	78.37312	0.023442
1366.017	10.46597	30.75668	1421.925	1380.849	627.8714	-51.4085	49.89849	0.030523
1379.121	70.82354	19.2132	1425.46	1385.594	628.1465	-29.1549	70.79314	0.01542
1386.6	39.99988	31.41304	1426.455	1389.026	628.3804	-41.4554	59.73167	0.009992
1388.996	11.3146	40.4298	1424.599	1390.905	628.5966	-59.9903	18.60096	-0.0045
1395.327	93.25217	40.71267	1429.811	1395.91	629.0932	-22.1302	79.42427	0.003579
1408.194	68.07792	48.18888	1432.766	1399.844	629.3761	-40.0895	94.91189	-0.01105
1410.779	75.17501	57.54823	1436.5	1404.081	629.6898	-28.018	109.8895	0.004439
1414.927	57.04285	78.83503	1437.884	1407.149	629.9688	-45.38	81.91884	0.001579
1409.794	93.93413	66.76526	1446.759	1413.699	630.5875	-5.57653	171.6814	0.035743
1394.951	78.84617	75.384	1460.045	1422.544	631.5386	-16.5165	310.7599	0.069336
1390.18	70.25648	76.60772	1469.756	1429.998	631.8587	-23.2232	233.4692	0.071573
1386.757	77.8633	81.01226	1479.328	1437.552	632.3441	-17.2839	211.7369	0.060263
1384.004	89.89764	75.65532	1489.722	1445.651	632.6756	-7.24053	184.7457	0.080284
1385.168	66.31795	79.33914	1498.318	1453.054	633.4522	-10.4682	155.4132	0.092765
1389.701	86.40168	78.0263	1507.056	1460.614	633.6646	-4.22627	130.086	0.066257
1396.365	91.72908	80.87243	1516.041	1468.38	633.9702	-2.3825	121.512	0.080362
1405.195	9.090971	81.4829	1519.202	1473.432	634.3754	-21.4077	87.1094	0.054594
1417.261	58.0331	62.40724	1527.263	1480.704	635.0804	-17.5731	116.186	0.08724
1435.287	46.62161	52.95105	1532.926	1486.88	635.37	-22.3515	91.24823	0.045802
1447.408	23.48195	37.91523	1533.725	1490.675	635.824	-38.8243	52.404	0.003263
1463.442	21.18949	42.71222	1534.12	1494.054	636.2567	-42.5561	53.18353	0.008617
1481.638	26.20823	30.43102	1535.07	1497.48	636.5393	-69.3247	43.7426	0.005432
1509.151	64.48123	23.62655	1538.572	1501.95	636.8154	-48.7195	56.2308	0.007076
1520.096	61.30439	37.29298	1539.913	1505.308	637.0369	-65.0558	51.31267	0.00109
1522.771	55.11019	50.66461	1541.115	1508.451	637.3058	-64.4981	46.30928	-0.00475
1527.569	74.65561	60.2986	1543.017	1511.786	637.5311	-57.311	53.02143	-0.00766
1529.255	83.67818	63.69006	1546.866	1515.952	637.812	-39.0954	103.5689	0.020469
1529.846	36.95142	71.14799	1547.639	1518.614	638.0737	-59.2937	90.5692	-0.01254
1529.49	27.94444	65.09507	1547.698	1520.793	638.5161	-64.1264	30.95672	-0.01026
1528.772	52.93335	49.52468	1549.753	1523.775	638.8391	-47.8315	56.76184	0.01491
1525.122	91.65978	39.2764	1556.688	1529.039	639.3008	-6.09972	222.4259	0.038108
1524.294	70.24198	57.51252	1560.903	1533.116	639.7819	-22.0167	203.4316	0.028426
1524.635	25.56451	71.6117	1560.248	1534.859	640.3283	-60.3662	-13.5845	-0.00076
1522.195	5.263072	62.48876	1555.891	1534.642	640.7141	-93.0019	-101.554	-0.00992
1510.934	4.888251	33.68986	1547.473	1532.163	641.3303	-95.1117	-220.351	-0.03008
1509.012	29.98133	11.90528	1544.456	1531.844	641.7003	-70.0187	-148.18	-0.01648
1505.962	50.51924	13.37755	1542.186	1531.686	642.0597	-68.2961	-117.919	-0.02445
1496.067	9.375103	28.46294	1535.67	1529.326	642.5159	-94.5205	-181.654	-0.03354

1486.215	8.640732	29.95856	1529.479	1526.815	642.8008	-96.3409	-179.18	-0.03398
1482.86	70.6999	22.84502	1528.156	1526.376	643.1672	-73.4048	-100.925	-0.02573
1479.265	75.08902	29.57191	1527.319	1526.105	643.6032	-71.7537	-76.1908	-0.04522
1471.359	7.658436	51.47655	1521.178	1523.238	644.0978	-97.0724	-134.155	-0.06103
1468.348	60.9393	51.14912	1519.502	1522.278	644.4399	-77.7499	-81.5768	-0.02978
1462.586	34.7078	47.89559	1516.339	1520.549	644.7669	-87.3275	-85.212	-0.02153
1460.573	96.15364	34.43518	1518.974	1521.506	645.0803	-37.1465	-18.5002	0.021512
1468.821	82.81905	63.93358	1521.15	1522.366	645.3427	-32.9508	-2.21089	0.003436
1479.256	69.1992	71.22683	1522.389	1522.873	645.7262	-24.7117	-4.117	-0.00032
1484.227	39.83563	82.72396	1521.258	1522.292	646.0529	-48.2702	-39.6269	0.010138
1485.961	13.84412	63.95129	1519.455	1521.348	646.3769	-57.4136	-55.0205	0.00944
1486.206	48.57839	40.95965	1520.071	1521.504	646.6427	-34.267	-21.5378	0.001693
1479.633	94.07788	34.08605	1527.161	1524.812	647.2768	-4.5429	120.2968	0.028527
1481.416	15.53725	52.1668	1525.746	1524.304	647.9632	-69.054	74.43801	0.020546
1484.354	17.24519	52.73118	1524.784	1523.948	648.3521	-67.6577	-17.1111	0.0061
1486.446	13.0461	42.28678	1523.887	1523.578	648.5649	-68.1531	10.09116	0.01335
1485.491	6.964934	15.27618	1522.137	1522.758	648.7947	-82.9798	-28.4623	-0.01366
1486.386	3.316853	12.41874	1519.849	1521.611	649.0919	-88.3333	-54.3058	-0.01686
1486.246	3.712754	7.775961	1515.626	1519.447	649.3595	-98.5095	-122.367	-0.02407
1471.526	9.801576	4.664847	1506.75	1514.89	649.8321	-94.3948	-239.692	-0.03769
1460.849	20.74028	5.610395	1500.474	1511.265	650.307	-88.8239	-210.224	-0.02887
1440.079	3.892117	11.4182	1489.661	1505.26	650.7234	-97.781	-241.373	-0.06122
1412.966	3.795302	11.47799	1475.62	1497.344	651.3438	-97.7949	-250.762	-0.10712
1383.878	15.27726	9.475899	1459.754	1488.096	651.8619	-90.8722	-250.56	-0.09583
1371.808	48.22992	7.654893	1452.562	1482.533	652.3108	-74.2427	-148.37	-0.07008
1364.427	73.25327	22.43416	1449.845	1479.005	652.6478	-65.2572	-92.0821	-0.05534
1357.901	91.14967	45.58682	1448.963	1476.42	652.9351	-48.4213	-68.902	-0.04522
1361.795	67.91724	70.87762	1444.536	1472.255	653.1559	-61.5678	-83.7238	-0.05777
1358.383	54.62432	77.44006	1441.087	1468.541	653.4269	-59.4466	-85.0081	-0.04709
1359.536	74.80099	71.23041	1440.783	1466.361	653.6851	-48.2401	-45.8779	-0.01291
1364.13	92.93471	65.78085	1443.2	1465.63	653.9384	-33.5502	-25.1675	-0.00645
1369.315	94.65086	74.12001	1445.832	1465.236	654.1936	-24.3961	-15.1675	0.021056
1375.133	84.7802	87.46219	1450.109	1465.858	654.5972	-10.0072	3.818462	0.053802
1380.902	54.33726	90.78859	1452.303	1465.747	654.8486	-19.4968	23.3302	0.066943
1380.424	26.95562	77.92277	1452.505	1464.849	655.0563	-27.079	-7.20559	0.028744
1380.133	95.03279	55.35769	1458.225	1466.689	655.3282	-1.84798	63.43587	0.038177
1383.237	59.8361	58.77522	1460.343	1467.082	655.6532	-20.009	67.12076	0.01931
1391.514	7.889075	60.60817	1455.888	1464.437	656.0447	-64.6335	-24.525	0.007882
1399.608	6.530555	54.25265	1447.767	1459.894	656.5345	-93.4694	-93.6533	-0.01337
1387.219	3.854112	24.75191	1437.176	1453.896	657.0327	-96.1459	-151.298	-0.04182
1372.27	12.41007	6.091248	1427.339	1447.921	657.4491	-87.5899	-160.323	-0.05717
1341.06	2.401312	7.598247	1410.237	1438.162	658.0597	-98.0055	-214.093	-0.0987
1312.603	10.01332	6.221832	1393.86	1428.209	658.5115	-92.7259	-185.905	-0.11525
1295.571	37.52805	8.2749	1384.073	1420.952	658.9375	-79.8212	-148.335	-0.09159
1279.143	41.63968	16.64756	1375.311	1414.001	659.2778	-81.3436	-137.466	-0.08702
1259.233	14.80108	29.72702	1363.546	1405.471	659.7408	-95.1426	-128.366	-0.12811
1231.705	23.37764	31.32294	1347.472	1394.626	660.2067	-88.7973	-166.966	-0.14465

1157.522	7.282721	26.60613	1309.967	1373.075	661.1852	-95.3632	-229.095	-0.22894
1116.037	22.26656	15.15381	1284.236	1356.012	661.8394	-85.8233	-187.996	-0.18558
1051.493	4.624106	17.64231	1248.664	1333.568	662.3552	-96.6612	-201.395	-0.23635
1021.715	47.11497	11.39113	1225.011	1315.89	663.0149	-67.9961	-175.722	-0.20267
976.3075	24.5479	24.66855	1191.342	1292.947	663.3347	-84.4026	-166.291	-0.23554
936.5876	27.79074	25.42899	1161.68	1271.139	663.7016	-85.4674	-143.588	-0.23413
894.1092	13.2085	33.1512	1130.561	1248.048	664.0261	-93.8819	-137.219	-0.27877
845.4635	10.29056	21.84905	1096.487	1222.939	664.3827	-94.6518	-141.738	-0.315
835.8319	67.06667	17.0966	1082.934	1207.047	664.8483	-73.0005	-100.641	-0.22362
793.4062	4.55654	30.18858	1051.059	1182.506	665.0625	-98.2583	-123.722	-0.30445
771.7162	42.27771	27.30459	1033.133	1164.138	665.3373	-85.9527	-100.348	-0.15326
783.4546	74.88219	37.96697	1039.126	1157.32	665.9893	-49.9152	-42.649	-0.06181
804.2238	69.06487	40.57215	1041.751	1149.829	666.4059	-47.8445	-33.909	0.00301
831.2627	68.8474	62.07492	1043.881	1142.848	666.7825	-37.2688	-30.0069	-0.03592
868.2952	52.64909	70.93149	1040.326	1133.806	667.034	-43.8927	-41.0753	0.014522
865.5403	79.92564	63.52045	1050.013	1131.545	667.4573	-13.7006	-4.26769	0.104911
879.2366	55.05465	67.14071	1053.135	1127.009	667.8411	-25.7702	-6.6016	0.115591
875.9718	50.19663	62.54313	1055.319	1122.589	668.2276	-26.8576	8.377286	0.174076
866.3619	95.92784	61.72564	1076.774	1127.936	668.8372	-2.33486	107.041	0.184832
860.9904	79.951	67.05971	1092.802	1131.863	669.4178	-10.4288	144.1214	0.34851
859.7843	93.1503	75.35849	1110.601	1137.54	669.8176	-3.59794	161.846	0.293142
874.951	75.26913	89.67638	1120.967	1140.535	670.0928	-12.2218	132.8468	0.098776
899.044	36.65437	82.79014	1123.75	1140.426	670.4884	-25.3233	103.8716	0.078456
919.1221	26.93553	68.35793	1128.878	1141.659	670.8992	-24.9129	85.27885	0.096143
968.0322	87.09676	46.28634	1141.744	1146.907	671.2997	-5.55556	115.0488	0.18783
999.5906	88.42106	50.22889	1155.648	1153.219	671.748	-5.56962	116.0777	0.116768
1007.534	82.76319	67.48445	1166.43	1158.591	672.4871	-8.29112	93.88019	0.145217
1001.028	91.12131	86.09367	1194.794	1172.828	674.6159	-6.27023	175.6139	0.265581
1008.066	93.26118	87.43519	1219.907	1186.547	675.6179	-4.38869	166.5783	0.136639
1018.95	76.44657	89.04856	1248.182	1202.632	677.8232	-17.7705	190.7573	0.188609
1025.602	80.29914	86.94302	1274.05	1218.461	678.8042	-16.5084	191.5157	0.171974
1048.391	65.73477	83.33563	1295.694	1233	680.086	-18.98	151.1386	0.200984
1073.015	53.97626	74.16016	1313.826	1246.374	680.7039	-19.3209	135.0489	0.240988
1078.605	80.40605	66.67006	1335.12	1261.623	681.9284	-8.22562	132.4971	0.255083
1092.734	41.87742	66.70569	1348.443	1273.482	682.8114	-16.9768	103.139	0.172549
1107.886	66.63414	58.75325	1363.596	1286.331	683.5742	-9.80143	101.3576	0.174345
1135.716	55.87095	62.97254	1376.432	1298.234	684.2621	-10.3339	92.93568	0.180547
1175.546	93.03535	54.79417	1394.335	1312.647	685.1375	-1.9162	98.22725	0.105126
1212.149	88.85818	71.84681	1417.843	1330.016	686.7387	-4.35198	125.3528	0.139252
1242.432	77.52941	79.25482	1440.02	1347.2	688.0509	-12.127	130.0693	0.112774
1285.704	20.14703	86.47431	1443.918	1355.952	689.8289	-50.6908	76.85307	0.034621
1336.179	38.60868	62.1782	1452	1366.36	691.0012	-38.9713	74.32612	0.057756
1353.089	3.474922	45.42837	1449.531	1371.514	691.8271	-74.2377	47.43971	0.015846
1369.718	23.98029	20.74354	1451.049	1378.024	692.8566	-63.6152	39.27821	0.004934
1375.543	18.51677	22.0213	1449.465	1382.671	693.8984	-81.2924	37.04251	0.013383
1374.058	4.565676	15.324	1443.224	1384.614	694.575	-97.1259	-0.09857	-0.02629
1377.597	39.2478	15.68758	1441.759	1388.25	695.4576	-80.3225	-16.8799	-0.00921

1379.832	54.21348	20.77675	1441.68	1392.176	696.0966	-76.6722	-6.17303	-0.03453
1379.181	43.31466	32.67565	1440.122	1395.092	696.7095	-81.3619	-27.6506	-0.07471
1377.831	45.19661	45.59198	1437.649	1397.237	697.2406	-84.988	-56.3058	-0.08831
1377.656	76.77149	47.57492	1438.865	1400.816	697.8156	-74.5933	-42.4165	-0.01352
1376.45	88.92989	55.09425	1444.001	1406.107	698.4874	-61.6845	23.74311	-0.01617
1371.95	77.34321	70.29933	1447.139	1410.425	699.1529	-55.5481	8.531803	0.019813
1375.416	85.75386	81.01486	1458.403	1418.568	699.858	-12.3839	105.6321	0.041764
1389.029	96.64059	84.00898	1470.294	1427.244	700.2585	-2.9252	132.6725	0.065903
1380.651	83.46849	86.57922	1481.272	1435.719	700.7239	-10.988	131.0447	0.094222
1373.052	92.91198	88.62098	1496.43	1446.392	701.3689	-4.93636	147.3531	0.101904
1368.827	74.44559	91.00702	1509.549	1456.414	702.0069	-16.1334	148.7227	0.09745
1369.867	49.8975	83.60869	1518.772	1464.791	702.6072	-21.6948	124.8054	0.096364
1379.1	4.859512	72.41836	1521.599	1470.151	703.0822	-39.3653	81.58392	0.079421
1391.726	45.84311	43.06754	1529.376	1477.707	703.4944	-22.4079	93.08091	0.087579
1403.758	7.665846	33.53337	1530.657	1482.15	703.8657	-39.0989	62.75844	0.044456
1415.064	75.61782	19.45615	1539.602	1490.05	704.5786	-14.3411	74.09611	0.084949
1430.083	90.45794	43.04226	1551.133	1499.273	705.6061	-6.9682	110.6219	0.061959
1451.147	79.64362	57.91387	1561.374	1508.045	706.6122	-15.7479	117.1689	0.053396
1470.982	78.093	81.90646	1569.678	1515.994	707.4322	-19.2353	110.0349	0.047806
1483.931	94.58335	82.73152	1582.943	1526.357	708.2465	-5.41665	129.8556	0.048171
1476.061	87.08827	84.10666	1610.09	1543.619	710.5834	-10.0754	217.4103	0.112348
1473.328	73.48106	86.5882	1631.022	1558.622	711.9406	-18.8965	215.9901	0.112552
1479.5	58.78281	85.05089	1644.85	1570.642	712.7717	-27.1159	164.833	0.119539
1485.71	61.5559	73.111738	1657.619	1582.287	713.9032	-24.8535	149.5515	0.099036
1491.473	39.31086	64.60659	1666.893	1592.333	714.7627	-28.0924	120.9047	0.117188
1498.508	32.37846	53.21652	1678.394	1603.393	715.4382	-20.3613	116.6379	0.096205
1513.645	18.77061	44.41507	1685.28	1612.264	715.9915	-26.3834	91.01231	0.067263
1536.214	11.08223	30.15331	1688.175	1619.067	716.6362	-32.5846	69.95434	0.053409
1556.992	74.49064	20.74377	1695.779	1627.847	717.2526	-27.3961	77.20816	0.07568
1587.834	89.93753	34.78116	1705.713	1637.662	717.8892	-20.032	87.15926	0.063077
1606.718	94.76657	58.50346	1718.357	1648.791	718.5572	-8.06528	101.087	0.016199
1614.189	96.18347	86.39825	1738.887	1663.829	719.6736	-2.4564	132.343	0.060505
1634.187	73.83235	93.62919	1751.896	1675.652	720.5058	-20.2125	123.7286	0.059591
1661.966	48.68522	88.26079	1758.989	1684.715	721.1114	-39.3069	99.1571	0.0406
1674.44	58.38092	72.90034	1769.029	1695.051	721.9579	-23.7559	107.2972	0.061907
1666.365	93.34018	60.29949	1785.802	1708.607	723.017	-3.46465	160.1533	0.078317
1654.166	92.13382	66.80211	1808.755	1725.376	724.7939	-5.03667	208.3044	0.122943
1656.207	80.98485	81.28497	1825.408	1739.571	726.4903	-12.1753	168.7514	0.124934
1668.075	29.9922	88.81962	1828.269	1747.306	729.8708	-47.5905	110.0465	0.061234
1681.777	25.11063	67.70362	1830.597	1754.424	731.299	-47.8023	65.94495	0.047178
1692.016	62.88712	45.36256	1843.074	1766.074	732.5118	-24.783	103.6126	0.069243
1710.389	67.42256	39.32998	1854.893	1777.469	733.4237	-24.1641	117.8288	0.036775
1730.778	95.99005	51.80677	1872.841	1791.845	734.5123	-3.43928	147.6584	0.08122
1743.746	96.96279	75.43324	1893.019	1807.56	736.0894	-2.68156	156.6498	0.114572
1747.629	90.93922	86.7918	1918.37	1826.097	737.6875	-7.46291	179.61	0.128025
1732.533	93.60163	94.63069	1953.413	1849.804	741.1793	-4.47249	209.1799	0.142754
1724.77	83.75902	93.83455	1984.611	1872.5	743.5595	-10.326	202.3797	0.114315

1729.917	91.13814	89.43329	2014.317	1895.108	745.2036	-5.26449	181.6328	0.135994
1756.638	50.75917	89.4996	2026.984	1910.037	747.2784	-25.4866	126.2595	0.137012
1780.335	36.20571	75.21878	2039.578	1924.764	749.3376	-22.4426	104.4196	0.144
1796.928	9.794554	59.36767	2043.813	1935.307	751.4126	-32.8593	79.07625	0.081289
1807.221	3.090636	32.25314	2038.457	1940.766	752.6444	-49.1264	35.63582	0.046409
1826.07	82.36103	16.36363	2055.71	1956.309	755.2224	-13.3592	79.66663	0.090817
1866.237	64.46996	31.74874	2066.593	1968.912	757.3664	-24.1852	97.33165	0.061103
1912.032	68.37808	49.97388	2076.978	1981.148	758.7707	-24.6664	83.44141	0.037078
1947.09	74.68708	71.73636	2087.666	1993.393	759.7116	-21.9866	79.32895	0.00014
1985.883	61.09839	69.17837	2092.618	2002.76	760.4738	-38.0573	64.83062	-0.01686
2014.914	34.97123	68.05452	2098.953	2012.467	761.7962	-32.7373	60.79739	-0.02016
2036.627	40.46037	56.9189	2103.361	2020.995	762.6464	-35.86	54.53764	0.014762
2041.075	33.56533	45.51	2106.236	2028.481	763.3418	-37.7778	50.18282	0.006259
2039.101	32.40931	36.33231	2107.4	2034.801	764.2686	-41.9923	42.08422	0.022592
2034.415	23.6374	35.47833	2104.93	2038.989	765.1117	-53.461	-6.0958	0.040991
2043.631	55.75375	29.87068	2107.026	2044.883	765.9565	-39.5657	17.97491	-0.0149
2045	70.71349	37.26682	2110.799	2051.303	766.9145	-32.9246	61.53688	0.002398
2046.681	31.01264	50.03488	2108.684	2054.691	767.5322	-50.5491	-38.0746	-0.01736
2054.116	14.00478	52.49329	2104.555	2056.703	768.2195	-90.6672	-71.5155	-0.0301
2078.211	30.23952	38.57697	2103.201	2059.595	769.1056	-73.7193	-79.4074	-0.01137
2074.691	13.89233	25.08565	2099.954	2061.262	769.6302	-87.3551	-73.8912	-0.02423
2073.709	89.45031	19.37888	2105.7	2066.895	771.2725	-23.4745	1.337071	0.004559
2072.34	61.74767	44.52739	2106.454	2070.132	772.0476	-43.7167	34.32668	-0.0054
2076.044	67.13583	55.03011	2107.945	2073.541	772.7949	-37.1365	24.76339	0.001112
2069.309	26.53539	72.77794	2103.754	2074.071	774.4824	-73.4646	-30.844	-0.00509
2067.322	31.69291	51.8063	2101.215	2075.048	775.5187	-68.3071	-103.662	-0.01477
2067.669	59.70076	41.78805	2105.366	2078.985	776.2554	-36.063	5.364814	-0.00157
2068.343	45.53458	39.30969	2106.402	2081.438	776.7634	-48.7401	16.81231	0.007177
2065.049	14.87014	45.64275	2101.917	2081.128	777.5201	-76.1811	-143.79	-0.00221
2061.55	40.63482	40.03516	2098.953	2081.24	778.1001	-70.4047	-141.662	-0.00625
2060.623	66.50804	33.67984	2100.207	2083.156	778.8383	-51.5606	-22.4591	0.012007
2057.177	94.77948	40.671	2109.613	2088.948	780.3642	-9.74944	134.0071	0.011253
2006.211	89.70736	67.30745	2141.057	2105.619	784.621	-10.2926	474.0268	0.096371
1986.511	91.61957	83.66496	2168.549	2121.48	786.4623	-8.38043	346.6567	0.096213
1982.276	79.44546	92.03547	2189.164	2134.893	787.8237	-18.1948	246.3753	0.106623
1979.433	85.22711	86.92413	2209.116	2148.519	788.66	-13.0324	177.5808	0.110959
1979.025	76.90719	85.43071	2226.875	2161.558	789.7199	-13.7804	155.8155	0.092261
1986.624	19.17571	80.52658	2237.933	2171.721	790.5113	-21.7164	113.3008	0.088372
1998.864	31.41152	60.43667	2248.358	2181.645	791.5184	-19.5786	93.2685	0.109977
2019.705	6.967213	42.49814	2249.511	2187.142	792.5269	-34.9123	69.37934	0.083163
2037.055	5.721007	19.18481	2243.609	2188.92	793.534	-48.662	30.09813	0.049381
2052.131	21.75531	14.69991	2241.639	2192.022	794.7831	-42.6177	31.05664	0.032133
2068.134	3.219696	11.48118	2232.34	2191.221	795.6225	-65.1376	-3.27132	-0.05739
2096.118	20.39117	10.232	2227.626	2191.997	796.4199	-58.232	-6.52623	-0.05089
2127.614	44.62167	15.12206	2225.876	2193.794	796.9825	-75.7734	11.12202	-0.03748
2157.538	71.03704	22.74418	2228.826	2197.59	797.7322	-61.5194	25.14592	-0.03183
2163.948	67.25184	45.34996	2229.676	2200.313	798.4414	-66.8151	20.54442	-0.0388

2159.318	58.12435	60.97018	2228.995	2202.16	799.04	-71.319	8.43016	-0.03197
2156.408	10.16385	65.47108	2226.411	2202.904	799.5802	-77.7778	-10.849	-0.04055
2151.009	13.31321	45.18001	2223.94	2203.456	800.1027	-74.4813	-31.8398	-0.02017
2155.057	52.02613	27.20047	2229.103	2207.459	801.6593	-46.5323	25.25462	0.020962
2164.569	35.02568	25.16773	2230.664	2209.814	802.2674	-57.3503	-18.2222	0.003788
2168.874	29.62275	33.455	2231.093	2211.565	802.7989	-53.3169	-41.5601	0.023955
2183.831	32.97635	38.89152	2232.009	2213.452	803.2078	-50.7763	-31.1611	0.016056
2182.471	69.20557	32.54159	2239.5	2218.434	803.8828	-19.9718	22.22072	0.029081
2178.82	81.01264	43.93489	2246.885	2223.55	804.6752	-15.1729	76.55806	0.018908
2179.05	10.55046	61.06485	2240.672	2222.287	805.2458	-89.9123	-46.9282	-0.01246
2175.858	2.398283	53.58956	2230.691	2218.843	805.8441	-97.6897	-145.462	-0.02222
2168.3	14.14178	31.32046	2222.308	2215.685	806.7038	-86.3178	-159.006	-0.01627
2152.027	2.405207	9.030173	2212.092	2211.256	807.2053	-97.6715	-191.751	-0.02463
2129.441	13.96624	6.315089	2198.631	2204.837	808.1094	-87.2899	-209.454	-0.05887
2105.745	11.27205	10.17108	2184.526	2197.586	808.9084	-92.6835	-217.936	-0.05908
2088.645	16.01311	9.214499	2173.53	2191.324	809.5174	-89.8853	-167.978	-0.05391
2046.898	6.074485	13.75047	2151.31	2179.308	810.4385	-96.2872	-216.68	-0.09296
2012.009	15.7754	11.11988	2133.339	2168.581	811.3252	-90.1338	-191.906	-0.10795
1982.113	4.961501	12.621	2114.587	2156.942	812.0472	-97.8428	-166.861	-0.12068
1960.731	24.93057	8.937129	2101.097	2147.309	812.7825	-88.5303	-144.542	-0.0814
1948.569	57.23301	15.22249	2093.928	2140.434	813.6159	-79.7125	-104.408	-0.05575
1887.557	8.885613	29.0417	2060.624	2120.954	815.7956	-95.7526	-175.518	-0.13728
1840.182	6.652191	30.34973	2028.282	2100.913	817.6351	-96.15	-181.58	-0.1417
1833.18	33.95649	24.25694	2010.577	2087.008	819.3372	-80.1575	-143.959	-0.0995
1827.733	52.13042	16.4981	2002.026	2077.23	820.1665	-66.499	-96.7331	-0.07212
1830.586	94.70475	30.91303	2006.199	2073.668	821.7368	-45.629	-49.7497	-0.03971
1839.124	92.17612	60.26389	2013.046	2071.967	822.6046	-28.1094	-22.7341	0.010645
1847.648	97.84587	79.67043	2024.046	2072.899	823.5123	-16.8223	-4.42248	0.024601
1850.136	39.99997	94.90891	2019.916	2067.292	824.8497	-39.2543	-36.1903	-0.00708
1849.538	11.53846	76.67399	2013.775	2060.826	825.7615	-44.2478	-63.6439	-0.02314
1860.475	24.15386	49.79477	2011.102	2056.053	826.8113	-37.9377	-37.7281	-0.02828
1859.499	28.69235	25.23077	2009.748	2052.072	826.932	-35.6675	-32.6382	0.0665
1860.302	21.73077	21.46156	2007.21	2047.715	828.0212	-39.1497	-4.44415	0.0772
1858.082	21.69733	24.85899	2004.131	2043.232	828.7098	-41.4775	-45.2994	0.038679
1854.026	10.44484	24.04015	1999.365	2038.041	829.3383	-46.8834	-37.5433	0.009284
1855.335	2.368421	17.95883	1984.001	2027.778	830.5707	-75.7752	-113.526	-0.06389
1872.504	29.31576	11.50472	1978.878	2022.069	831.561	-72.15	-64.7638	-0.04876
1897.888	59.80951	14.04419	1976.597	2017.771	832.2406	-65.475	-46.6994	-0.05781
1903.123	45.73415	30.4979	1972.166	2012.588	832.9593	-73.6	-35.5231	-0.02473
1897.407	58.80552	44.95314	1969.156	2008.145	833.5218	-71.2	-47.8573	-0.01384
1887.424	11.74009	54.78306	1963.101	2002.341	834.5383	-82.6	-64.1218	-0.03336
1885.851	46.82045	38.75992	1961.84	1998.827	834.9675	-68.4737	-34.7998	-0.02367
1908.615	51.36274	39.12202	1961.272	1995.814	835.4499	-66.7631	-39.2266	-0.01761
1910.101	71.44064	36.64109	1961.699	1993.461	836.0621	-63.6579	-20.5294	-0.01165
1906.706	42.46231	56.54127	1959.399	1990.001	836.4628	-72.7632	-59.4142	-0.01338
1907.031	55.1419	55.08856	1959.215	1987.645	836.8594	-45.2577	-55.1161	0.030903
1908.952	74.13249	56.34828	1964.528	1988.098	837.8282	-17.1908	15.06107	0.022069

1902.898	92.69713	57.24557	1974.131	1990.976	838.4979	-4.93523	108.7036	0.032026
1902.007	71.42853	73.99051	1979.188	1992.163	838.8638	-23.8435	99.0426	0.030393
1905.803	66.94051	79.41938	1983.282	1993.173	839.4739	-27.6157	81.5302	0.027246
1917.805	46.93187	77.02206	1984.516	1993.034	839.8627	-40.0514	58.81022	0.031869
1919.535	17.23016	61.76697	1982.952	1991.65	840.2709	-54.5884	4.111319	0.009949
1921.703	20.09112	43.70085	1981.967	1990.532	840.6805	-52.7015	20.53498	0.009397
1925.437	31.85955	28.08438	1982.526	1990.166	841.1311	-48.541	56.20011	0.010972
1930.722	56.49362	23.06028	1983.914	1990.269	841.5409	-45.097	49.02508	0.023013
1931.956	50.64465	36.14809	1977.112	1986.523	842.478	-53.7894	-94.1535	-0.00945
1927.302	48.84555	46.3326	1970.895	1982.832	843.0686	-55.4309	-122.883	-0.02861
1923.983	53.13342	51.9946	1966.734	1979.945	843.4816	-51.5185	-86.1557	-0.041
1927.074	83.29837	50.87454	1970.952	1980.997	843.9377	-23.9945	28.95411	-0.0064
1931.73	88.78564	61.75911	1975.929	1982.649	844.3241	-18.9877	94.89383	-0.00125
1932.936	78.42536	75.07247	1978.101	1983.197	844.7376	-26.238	61.9713	-0.00063
1930.593	76.88751	83.50312	1980.778	1984.109	845.226	-23.2558	49.45469	0.010712
1934.47	54.64638	81.36617	1981.474	1984.197	845.6415	-22.009	43.02596	0.004427
1935.111	28.15068	69.98642	1982.401	1984.442	845.8623	-20.6897	28.13523	0.000957
1936.848	51.58002	53.22819	1983.701	1984.916	846.4012	-18.6807	16.87854	-0.00035
1936.333	18.06793	44.79236	1980.993	1983.522	846.9228	-33.5233	-49.7146	0.01361
1921.194	8.524568	32.59954	1970.725	1978.391	847.8891	-64.6177	-168.642	-0.01159
1907.387	6.4	26.05751	1961.559	1973.41	848.5562	-66.4767	-170.354	-0.01682
1901.527	30.45326	10.9975	1957.273	1970.469	849.128	-65.0714	-124.483	-0.03031
1891.587	5.214052	15.12594	1948.039	1965.045	849.8068	-96.2151	-146.713	-0.05294
1893.815	87.8232	14.02244	1949.425	1964.453	850.6677	-48.5657	-63.6744	-0.01658
1893.641	56.15534	41.1635	1947.791	1962.553	851.2264	-63.1075	-43.7822	-0.02841
1891.832	82.59553	49.73086	1949.761	1962.408	851.6831	-43.1553	-14.7242	-0.01244
1888.482	54.51786	75.52469	1947.867	1960.559	852.1144	-62.3535	-39.9108	-0.02518
1890.942	86.56019	64.42291	1953.418	1962.292	852.8651	-23.4088	23.49202	-0.00347
1887.55	87.02801	74.55786	1963.108	1966.3	853.577	-10.5415	129.2903	0.025584
1878.881	97.60779	76.03536	1977.199	1972.848	854.2782	-1.99399	164.9247	0.073371
1862.24	89.69737	90.39867	1995.999	1982.222	855.2082	-9.05499	243.755	0.098501
1859.428	64.20041	91.44439	2004.245	1987.213	855.9154	-30.945	151.359	0.059937
1856.876	4.787234	83.83519	1994.515	1983.79	857.068	-78.6813	-16.5066	0.02306
1849.384	3.017241	52.89501	1979.205	1977.213	857.9133	-96.9828	-119.39	-0.03171
1841.25	2.62002	24.00163	1963.412	1969.757	858.5838	-97.38	-126.619	-0.03211
1822.856	4.187821	3.474832	1944.726	1960.289	859.4193	-95.8793	-149.45	-0.06052
1819.55	31.86146	3.275027	1937.122	1955.475	860.0853	-77.4827	-106.626	-0.02176
1819.81	87.09095	12.88977	1935.38	1953.277	860.9113	-66.9655	-66.3177	-0.02931
1818.543	82.50002	41.04675	1934.652	1951.601	861.5259	-65.2931	-33.1329	-0.04253
1815.273	77.29512	67.15081	1933.06	1949.579	862.043	-67.4827	-36.7145	-0.06346
1813.447	72.83654	82.29537	1931.627	1947.666	862.4536	-67.6724	-27.8321	-0.08367
1811.366	84.61198	77.54389	1934.677	1947.946	862.8911	-58.1207	-0.11654	-0.04789
1807.962	62.66745	78.24788	1937.981	1948.554	863.3016	-56.5	21.61494	0.007805
1805.855	81.91497	73.37199	1943.568	1950.461	863.7444	-49.4305	11.89631	0.041847
1802.526	94.10541	76.39813	1960.819	1958.256	864.6857	-3.62938	100.4747	0.095468
1816.679	75.84603	79.56261	1973.247	1964.43	865.3678	-14.6774	104.3152	0.108391
1826.866	69.8739	83.95547	1982.378	1969.479	865.7191	-18.3065	87.36085	0.072442

1825.431	86.91655	79.94178	1994.243	1976.148	866.2027	-7.97911	93.78685	0.069426
1828.969	89.73326	77.54549	2007.936	1984.081	866.7467	-5.12198	101.6325	0.079041
1844.773	56.23655	82.17457	2017.131	1990.275	867.1742	-16.0584	96.40483	0.074521
1869.33	66.30709	77.62879	2026.849	1996.944	867.7108	-13.4836	96.321	0.081378
1886.107	11.59104	70.75897	2023.965	1997.77	868.2343	-49.3117	52.97813	0.02903
1899.333	25.12121	44.71156	2023.886	1999.672	868.7973	-45.0902	52.28685	0.034404
1914.113	58.21955	34.33978	2029.595	2004.215	869.0386	-26.1734	69.50048	0.043914
1924.197	95.129	31.64393	2047.25	2014.595	869.8639	-3.4045	129.1846	0.043124
1946.396	57.84786	59.48992	2053.181	2019.87	870.7314	-29.4615	98.21849	0.02165
1965.05	63.65604	70.39881	2060.645	2025.931	871.1387	-27.9833	88.49156	0.033996
1986.14	63.44854	72.21097	2067.623	2031.862	871.5388	-29.29	103.1924	0.022578
1983.583	88.69135	61.65082	2088.312	2044.473	872.3237	-7.91278	176.3416	0.05705
1982.034	72.01408	71.93198	2101.779	2054.204	872.8494	-19.582	162.3759	0.052305
1985.554	73.82467	74.71799	2113.613	2063.426	873.4778	-18.3152	156.6534	0.047301
1990.352	71.42867	78.1767	2125.534	2072.883	873.9637	-17.2187	160.6742	0.091131
1993.282	67.24148	72.42247	2135.614	2081.637	874.3371	-17.2399	129.2663	0.082829
1998.056	41.44189	70.83161	2142.742	2089.067	874.622	-21.0804	123.7083	0.058685
2005.095	12.68537	60.03735	2141.951	2092.662	875.0283	-43.1974	66.98991	-0.00315
2014.235	18.7582	40.45625	2136.866	2093.865	875.4168	-59.7813	5.765908	0.011075
2036.246	14.9332	24.29515	2131.287	2094.364	875.738	-77.5088	-6.13031	-0.00052
2043.849	11.25006	15.45892	2119.604	2091.474	876.167	-89.7103	-71.1547	-0.02405
2020.995	3.943515	14.98049	2102.604	2085.372	876.615	-96.492	-112.475	-0.08764
2018.305	59.72308	10.04226	2099.434	2085.122	877.5378	-60.1766	-78.181	-0.04313
2012.616	55.58651	24.97222	2093.736	2083.439	877.9486	-68.045	-71.1102	-0.05338
2010.291	82.50594	39.75104	2092.777	2083.74	878.3427	-57.9687	-35.8077	-0.04728
1993.161	50.82746	65.93851	2085.78	2081.041	878.714	-74.1068	-80.1696	-0.06561
1972.399	6.816319	62.9733	2071.268	2074.404	879.1804	-96.5275	-139.521	-0.08731
1953.612	15.40447	46.71657	2059.481	2068.497	879.6018	-91.3214	-143.999	-0.06687
1946.354	40.88243	24.34942	2054.838	2065.593	880.0395	-76.9677	-94.1073	-0.03774
1940.301	27.72278	21.0344	2046.878	2060.964	880.3854	-87.3657	-90.6024	-0.04642
1944.46	59.96263	28.00322	2043.027	2058.067	880.6351	-72.5171	-81.2608	-0.0163
1950.713	34.73807	42.85595	2035.269	2053.217	880.9447	-81.3911	-102.16	-0.00821
1950.187	25.28484	40.80783	2027.428	2048.112	881.2343	-84.9593	-102.415	-0.04693
1950.864	46.41234	39.99518	2023.647	2044.76	881.7483	-72.3916	-67.9216	-0.02887
1956.359	51.00233	35.47842	2020.832	2041.84	882.0715	-70.6978	-75.2116	-0.03935
1953.41	23.52602	40.89984	2014.865	2037.411	882.3619	-86.4837	-95.8775	-0.03187
1922.014	7.432678	40.31356	1998.909	2028.059	882.7687	-94.7959	-184.912	-0.04032
1912.092	21.51384	27.32034	1988.585	2020.928	883.1482	-82.4234	-170.968	-0.03151
1903.367	36.18074	17.49084	1981.772	2015.252	883.5371	-71.3496	-146.127	-0.04189
1905.296	30.01883	21.70908	1974.13	2009.093	883.8446	-78.717	-141.071	-0.03545
1896.052	16.38648	29.2378	1962.987	2001.138	884.1957	-92.683	-170.321	-0.05943
1881.745	15.70426	27.52868	1953.473	1993.731	884.5227	-93.0269	-143.065	-0.04589
1868.743	35.23138	20.70319	1946.231	1987.262	884.7968	-82.5499	-132.093	-0.03926
1864.575	37.77322	22.44071	1939.788	1981.121	885.022	-83.7544	-106.634	-0.04918
1862.179	71.68815	29.56962	1939.49	1977.915	885.4306	-64.0717	-57.1451	-0.03366
1868.037	92.90462	48.23092	1947.053	1978.711	885.8361	-34.2244	8.351623	0.00333
1868.217	91.85076	67.45533	1954.783	1980.088	886.1897	-16.9993	47.31904	0.045078

1862.697	86.28901	85.48118	1965.44	1983.344	886.5588	-12.1871	92.84709	0.047753
1863.176	62.40602	90.34813	1969.911	1984.17	886.9718	-29.7974	62.37357	0.025819
1866.53	19.57652	80.18193	1968.24	1982.31	887.4437	-50.9237	-8.05514	0.013949
1867.754	4.194739	56.09051	1960.295	1977.442	887.8678	-76.2217	-52.3963	0.007835
1867.783	8.831023	28.72576	1954.111	1973.195	888.106	-74.1359	-61.7098	0.009968
1866.798	18.85627	10.86743	1950.556	1970.069	888.3875	-67.64	-52.9559	0.012904
1866.535	34.73759	10.62735	1947.663	1967.231	888.6271	-67.1931	-25.9534	0.014388
1868.005	32.02606	20.8083	1944.361	1964.191	888.897	-70.5006	-34.5245	-0.00601
1873.19	54.12849	28.53998	1942.636	1961.892	889.1568	-74.6564	-39.1557	-0.02791
1875.32	13.35381	40.29738	1938.1	1958.282	889.4084	-95.2501	-57.2596	-0.04213
1880.523	63.04136	33.16945	1937.977	1956.727	889.6646	-77.4007	-29.5334	-0.04286
1885.884	94.60404	43.50788	1941.419	1956.996	889.8985	-60.7581	26.32233	-0.01712
1883.887	84.83434	56.99974	1948.577	1959.289	890.1442	-40.8304	100.618	0.014752
1882.642	82.43557	80.82658	1956.035	1962.086	890.4785	-29.9615	107.04	0.041975
1881.562	71.88779	87.29132	1960.552	1963.813	890.7118	-28.1122	89.95089	0.034009
1887.357	83.8467	79.71923	1967.014	1966.682	890.9335	-12.5848	94.29831	0.037053
1890.675	30.70875	79.39002	1969.881	1968.087	891.108	-27.8859	71.54626	0.027902
1893.849	5.580207	62.14775	1968.845	1967.721	891.4044	-48.2571	23.94783	0.019183
1900.074	19.74468	40.04522	1969.031	1967.894	891.554	-42.0099	16.56965	0.019088
1905.914	32.32924	18.67788	1970.118	1968.502	892.0931	-36.5324	29.28627	0.032904
1888.336	92.96555	19.21804	1989.3	1977.857	893.3163	-5.1256	204.0704	0.081299
1865.919	86.44803	48.34649	2015.608	1991.372	894.6842	-10.9905	299.1531	0.101997
1857.629	86.19391	70.58094	2039.191	2004.522	895.3452	-11.1825	260.6851	0.091023
1853.555	96.6633	88.53583	2064.123	2019.094	895.9334	-2.95593	225.1601	0.102251
1859.369	84.48073	89.76841	2086.512	2033.209	896.5184	-13.9138	197.3611	0.112949
1870.346	63.92845	89.11265	2102.51	2044.861	896.8655	-20.5172	143.824	0.093855
1877.382	78.16416	81.69083	2121.724	2058.382	897.2635	-7.79314	133.2143	0.121748
1887.353	61.93559	75.52445	2136.013	2069.954	897.4982	-12.2069	112.3462	0.128085
1903.116	18.52259	68.0094	2142.011	2077.735	897.7689	-25.8621	83.17501	0.104033
1922.23	29.80373	52.87411	2148.317	2085.532	898.1077	-23.1034	82.20224	0.104701
1942.446	65.6751	36.75397	2158.291	2094.986	898.4396	-12.8063	80.12482	0.056497
1970.56	86.68984	38.00047	2171.615	2106.09	898.9392	-4.51017	88.02332	0.039161
2011.67	78.70892	60.72289	2183.675	2116.75	899.318	-8.73988	93.81638	0.037392
2063.97	34.97699	77.02462	2187.971	2123.776	899.5808	-33.342	66.75306	0.004702
2130.521	37.63158	66.79192	2192.229	2130.582	899.9605	-46.1449	55.59266	0.002715
2158.323	48.15789	50.43916	2197.371	2137.624	900.6708	-41.7727	56.35877	0.016047
2167.35	60.36852	40.25549	2203.506	2145.003	900.9682	-32.1932	65.44859	0.004422
2174.52	56.53519	48.71933	2206.928	2150.985	901.284	-42.0264	73.53795	0.005035
2174.527	31.38121	55.02054	2206.685	2155.012	901.6873	-59.4697	56.85903	0.013954
2161.589	11.15702	49.42831	2198.503	2154.9	903.8144	-89.9926	-41.5633	-0.01351
2130.396	12.97936	33.02448	2184.033	2151.163	905.0411	-87.9516	-207.682	-0.04912
2101.245	2.7777778	18.50587	2168.951	2146.336	905.4842	-97.4213	-234.319	-0.07078
2081.264	4.009461	8.971387	2156.466	2142	906.0748	-96.493	-203.22	-0.07209
2069.449	22.19302	6.588866	2149.418	2139.678	906.5096	-84.7087	-144.855	-0.04565
2053.476	23.37924	9.660087	2141.5	2136.587	906.7846	-91.2584	-128.748	-0.05312
2044.454	92.58216	16.52724	2139.584	2136.028	907.0969	-73.3055	-92.1068	-0.0434
2043.301	95.17624	46.05147	2141.218	2137.078	907.3619	-61.5556	-49.7047	-0.03891

2044.641	54	70.37921	2138.692	2136.169	907.5873	-75.6666	-61.697	-0.04536
2038.722	28.21794	80.58613	2134.285	2134.234	907.8175	-83.8611	-77.2089	-0.04321
2031.464	15.9891	59.13139	2127.872	2131.15	908.0606	-93.5555	-87.522	-0.02828
2023.929	5.831739	32.73568	2119.153	2126.709	908.2536	-97.2359	-102.125	-0.0158
2028.332	21.73918	16.67959	2113.761	2123.553	908.4385	-87.8788	-84.2885	-0.00091
2040.371	54.50106	14.52001	2111.597	2121.786	908.5844	-61.5782	-68.9078	0.0057
2055.59	39.13463	27.35733	2107.659	2119.135	908.7688	-77.2442	-70.8314	-0.01168
2060.268	39.8773	38.45829	2103.766	2116.41	908.9719	-81.4179	-75.4016	-0.00744
2061.788	94.16125	44.50433	2105.094	2116.113	909.1647	-47.0557	-42.7782	-0.00782
2063.403	44.94495	57.72439	2104.149	2114.842	909.3471	-62.4358	-40.0317	-0.02383
2062.677	33.62648	59.66117	2102.557	2113.283	909.4931	-68.3248	-61.879	-0.01459
2063.472	92.74715	57.57756	2105.348	2113.833	909.6685	-37.5645	6.23711	0.005047
2061.907	43.01283	57.10619	2105.402	2113.23	909.8869	-52.174	33.97713	0.00626
2056.87	9.07658	56.46215	2101.009	2110.535	910.1537	-84.2721	-76.2814	0.002728
2055.276	14.06166	48.27885	2093.931	2106.422	910.3808	-85.9383	-191.616	-0.01396
2044.059	17.85109	22.05036	2085.226	2101.305	910.6459	-82.1489	-238.459	-0.02969
2039.548	31.30289	13.66311	2080.307	2097.746	910.9337	-68.6971	-142.492	-0.0157
2030.943	18.1862	21.07188	2073.383	2093.12	911.1683	-83.8832	-156.072	-0.02259
2030.177	83.39517	22.44673	2073.247	2091.593	911.398	-52.4111	-86.4384	-0.01889
2029.229	95.65217	44.29475	2075.478	2091.308	911.6499	-39.5093	-31.6136	-0.00534
2030.064	87.63571	65.74452	2079.828	2092.23	911.9354	-25.9729	51.62706	0.004752
2027.351	83.3872	88.89435	2088.2	2095.342	912.4074	-14.8322	154.6906	0.006389
2025.658	42.14696	88.89169	2088.331	2094.876	912.7683	-47.4558	60.70904	-0.00791
2025.902	14.29353	71.05662	2086.611	2093.563	912.9272	-56.0448	-30.8986	0.000144
2026.074	24.40548	46.60923	2086.832	2093.155	913.1829	-48.1775	14.65443	0.016083
2023.304	57.53117	26.94865	2091.52	2094.943	913.3825	-27.066	63.48993	0.039242
2025.193	54.69239	32.07672	2094.44	2096.096	913.5602	-31.974	80.68264	0.027883
2022.726	94.90407	45.54301	2102.318	2099.766	913.8442	-6.60422	131.708	0.054218
2017.828	77.17602	69.04254	2113.269	2105.228	914.3445	-17.1611	196.3047	0.048733
2021.77	67.60036	75.59083	2121.112	2109.6	914.6325	-22.5422	162.1541	0.036642
2029.78	69.03051	79.89348	2129.041	2114.27	914.8626	-18.752	149.3891	0.032751
2041.216	41.78631	71.26896	2131.996	2116.787	915.0746	-39.4452	98.33831	0.00656
2056.755	45.69158	59.4724	2136.666	2120.162	915.2968	-29.7801	95.5747	0.035088
2063.075	86.09706	52.16947	2143.902	2124.869	915.5688	-14.1392	119.5108	0.051296
2065.591	80.15974	57.85832	2152.933	2130.627	915.8811	-11.3354	143.6466	0.05486
2062.075	87.16699	70.64946	2164.858	2138.021	916.3236	-8.09975	166.0579	0.053441
2063.357	84.45824	84.47459	2174.48	2144.642	916.5733	-10.225	150.4608	0.05539
2067.033	95.34295	83.92832	2189.214	2153.946	916.9155	-2.90989	177.7997	0.058071
2080.732	75.30138	88.98939	2199.82	2161.665	917.5614	-14.3217	159.0418	0.038946
2093.975	70.64865	85.03419	2210.17	2169.475	917.8357	-14.0254	156.4179	0.047522
2102.045	85.39494	80.431	2223.129	2178.729	918.0827	-7.45902	149.085	0.056038
2094.498	95.89128	77.11499	2248.57	2194.267	918.8851	-2.47431	196.0704	0.111835
2083.1	77.11886	83.97829	2275.806	2211.403	919.8114	-15.6456	226.2422	0.121743
2077.838	82.62218	86.13502	2301.205	2228.403	920.288	-11.2454	189.973	0.117782
2083.941	78.37782	85.21077	2321.227	2243.436	920.679	-13.9919	159.4675	0.103855
2097.971	69.35217	79.37295	2337.285	2256.93	920.9232	-16.7694	135.0475	0.087494
2124.402	3.126397	76.78406	2342.556	2265.42	921.357	-36.162	97.49576	0.064717

2151.565	2.66299	50.28546	2346.54	2273.052	921.5915	-40.5637	76.69691	0.043255
2177.684	13.97733	25.04719	2351.426	2280.848	921.8309	-38.53	70.56178	0.053207
2200.948	86.56906	6.588905	2363.237	2291.763	922.1929	-21.2994	82.64614	0.07106
2224.658	27.32334	34.40312	2367.439	2299.08	923.1291	-37.6235	72.51195	0.041906
2250.989	31.55266	42.62324	2371.579	2306.137	923.4422	-38.0666	58.10654	0.002449
2272.219	42.43096	48.48169	2376.675	2313.438	923.707	-33.4667	59.04201	-0.00862
2300.975	71.46869	33.76899	2384.956	2322.11	924.0049	-27.8873	72.58536	-0.00426
2326.845	94.40937	48.4841	2401.101	2334.539	924.4466	-5.41992	117.7297	0.024081
2347.657	83.20413	69.43634	2413.655	2345.513	924.875	-16.3141	124.3496	0.023541
2338.597	96.2646	83.0274	2430.7	2358.768	925.3147	-3.32517	148.4406	0.064473
2327.05	89.88907	91.2927	2448.754	2372.789	925.8407	-8.47152	177.8986	0.07583
2324.052	66.14466	89.78593	2460.923	2384.275	926.1235	-20.6617	164.7215	0.062881
2324.347	48.21429	84.09944	2469.896	2394.273	926.5136	-24.8775	128.1668	0.037497
2329.842	51.10869	68.08267	2478.174	2403.86	926.7709	-22.8079	118.6262	0.055698
2341.141	76.58087	55.15588	2490.17	2415.141	927.0916	-8.99696	139.0047	0.067576
2349.817	97.6068	58.63462	2508.482	2429.516	927.497	-1.15705	146.6817	0.085042
2365.503	51.90086	75.09879	2516.385	2439.17	927.8019	-24.0448	115.8046	0.05322
2377.658	61.94472	75.36284	2525.003	2449.039	927.9905	-20.1526	106.1399	0.033134
2386.951	91.07573	70.48413	2547.502	2465.499	928.4784	-4.59546	150.9306	0.075946
2407.612	60.99036	68.3071	2563.679	2479.362	928.9423	-24.5356	157.7599	0.050783
2430.024	69.09415	71.33694	2579.697	2493.32	929.151	-21.0484	138.7153	0.046997
2445.618	83.55217	73.72008	2597.429	2508.256	929.4675	-10.237	151.087	0.066104
2455.096	85.8483	71.21223	2613.27	2522.489	929.7425	-8.71115	140.6075	0.071906
2468.059	63.9519	79.49821	2627.783	2536.201	930.1768	-14.96	129.0887	0.072869
2473.917	82.28884	77.78413	2643.793	2550.693	930.4629	-7.60678	136.5118	0.068736
2485.43	42.78476	77.36302	2652.502	2561.783	930.87	-19.8752	110.2951	0.034953
2502.383	13.02736	63.0085	2647.886	2566.28	931.5144	-60.126	50.92414	0.024474
2523.597	16.33475	46.03366	2644.734	2570.808	931.852	-60.7599	28.25044	0.021381
2540.988	17.53517	24.04896	2638.129	2573.103	932.3729	-74.6817	5.799783	-0.026
2555.33	52.70625	15.63242	2641.655	2579.618	932.6728	-49.1696	28.42311	0.003167
2561.841	36.32905	28.85872	2639.462	2583.157	932.9765	-68.3486	19.28054	-0.01514
2571.998	26.00009	35.52349	2633.176	2584.301	933.2742	-84.2293	-25.803	-0.03575
2552.165	19.37748	38.34513	2618.264	2580.742	933.686	-86.1606	-113.6	-0.06079
2529.22	23.91897	27.23554	2605.885	2577.561	934.1294	-83.0127	-136.738	-0.06271
2496.946	3.667188	23.09885	2589.718	2571.875	934.4292	-97.3955	-149.893	-0.08458
2463.916	12.77203	15.65455	2573.392	2565.336	934.7635	-92.2163	-162.142	-0.08028
2443.251	28.00601	13.45273	2561.924	2560.411	934.8113	-86.964	-134.156	-0.04715
2428.131	45.73294	14.81508	2552.697	2556.081	935.3797	-84.0929	-124.926	-0.04775
2421.074	71.28819	28.83699	2547.929	2553.534	935.8232	-75.9573	-95.5695	-0.03079
2432.189	92.02747	48.34238	2548.232	2553.265	936.1176	-58.1843	-66.2512	-0.04177
2447.1	86.02109	69.68286	2549.204	2553.36	936.4284	-56.1046	-45.6439	-0.02773
2448.06	96.03098	83.11225	2555.957	2556.304	936.6855	-37.9764	-16.0888	-0.00212
2452.023	78.81031	91.35985	2559.318	2557.896	936.8273	-44.9183	-11.4393	0.016382
2443.203	21.36186	86.95413	2552.946	2554.933	937.1507	-66.125	-62.3216	-0.00784
2441.724	2.124647	65.40105	2539.262	2548.198	937.4317	-94.7873	-116.525	-0.01472
2441.398	15.28098	34.09894	2529.114	2542.65	937.6653	-84.719	-114.784	-0.00415
2403.445	5.075638	12.9225	2503.673	2529.398	938.2917	-94.9244	-197.664	-0.05406

2376.608	28.89101	7.493756	2485.547	2518.765	938.9385	-73.7892	-200.974	-0.0464
2346.796	22.32162	16.41588	2464.909	2506.367	939.3686	-85.5389	-172.519	-0.06753
2347.581	95.31086	18.76276	2469.223	2505.373	940.5142	-37.2613	-74.7526	-0.02233
2336.393	53.67881	48.84116	2460.511	2498.501	940.9339	-64.6657	-90.4363	-0.05557
2330.839	68.65285	57.10376	2457.587	2494.279	941.5883	-54.809	-62.0484	-0.05846
2318.534	39.03432	72.5475	2449.558	2487.695	942.4394	-67.1214	-79.511	-0.06688
2314.787	75.83709	53.78866	2452.241	2486.162	942.7123	-46.1119	-33.2197	-0.02022
2315.585	84.57047	61.17475	2456.95	2485.917	943.0613	-40.706	2.452861	0.00765
2308.112	17.45382	66.48063	2449.458	2480.164	943.5731	-62.688	-51.58	-0.0263
2306.676	3.855813	59.28713	2436.095	2471.455	943.8381	-72.2279	-109.461	-0.00049
2318.094	17.47448	35.29337	2427.75	2464.818	944.1263	-62.2538	-97.2911	-0.00168
2326.886	43.12002	12.92804	2426.265	2461.357	944.3562	-43.4715	-50.2911	0.028366
2326.568	70.25114	21.48344	2430.909	2460.994	944.7113	-23.6011	-7.20024	-0.01464
2335.363	86.45439	43.61521	2435.223	2460.843	944.936	-27.1695	-2.66073	0.019212
2341.951	43.21144	66.60852	2431.289	2457.05	945.2772	-63.7556	-31.6961	-0.01305
2343.29	6.650246	66.63899	2423.421	2451.354	945.6108	-83.8992	-101.645	-0.0105
2339.041	10.63258	45.43869	2415.695	2445.565	945.8501	-88.7644	-103.826	-0.03802
2347.273	37.87593	20.16475	2413.88	2442.479	946.1022	-66.9261	-56.8002	-0.0318
2330.225	13.27056	18.38625	2402.583	2434.921	946.6306	-88.5434	-126.405	-0.02815
2298.29	17.96319	20.59302	2383.317	2423.249	946.9707	-87.9674	-221.573	-0.03608
2277.791	38.09379	23.03656	2372.229	2414.953	947.2835	-74.4829	-142.795	-0.02964
2275.455	70.66512	23.10918	2371.286	2411.334	947.7252	-47.7611	-80.2699	-0.0215
2284.633	73.43069	42.2407	2370.358	2407.92	947.9543	-48.1343	-57.9615	-0.03713
2286.451	86.74951	60.72987	2370.734	2405.319	948.1534	-44.82	-51.9808	-0.03504
2285.893	78.20642	76.94844	2370.659	2402.721	948.2546	-45.9394	-51.804	-0.01635
2283.988	92.21462	79.46221	2374.927	2402.401	948.4183	-33.3481	-3.12355	0.007668
2281.509	79.74216	85.72352	2379.169	2402.408	948.8166	-31.5419	15.77472	0.012346
2283.863	26.45803	83.38773	2376.081	2399.2	949.5571	-34.8458	-40.3001	-0.01864
2294.987	30.72184	66.13827	2374.861	2396.9	949.7964	-29.5812	-30.0642	0.011835
2297.597	79.35978	45.64068	2379.321	2397.415	949.9352	-8.81321	23.98251	0.055547
2289.633	97.48708	45.51322	2391.441	2401.91	950.2224	-1.35573	119.5525	0.063537
2280.716	94.36841	69.18957	2403.465	2406.924	950.5345	-3.21875	141.5232	0.043743
2285.027	48.2906	90.40509	2405.471	2407.634	950.913	-32.7381	77.96613	0.021668
2294.682	63.86072	80.0487	2410.168	2409.735	951.2583	-26.4516	100.1985	0.026635
2319.252	46.57534	68.83991	2414.449	2411.829	951.5021	-27.967	104.4493	0.028583
2334.062	68.45595	52.90889	2420.773	2415.067	951.9343	-15.3818	126.2773	0.023828
2328.592	96.67973	59.63067	2436.208	2422.922	952.3415	-2.14656	180.8125	0.049365
2326.733	95.59679	70.57034	2451.453	2431.246	952.6728	-2.91707	177.5163	0.074689
2329.285	81.28922	86.91082	2464.921	2439.228	953.2349	-12.765	169.8732	0.072145
2333.197	88.62431	91.18858	2478.357	2447.6	953.4625	-6.78848	164.9073	0.061734
2340.159	55.52299	88.50344	2485.04	2453.096	953.6364	-21.9489	128.281	0.025914
2351.863	22.41114	75.14551	2490.665	2458.17	953.9078	-22.4294	103.8285	0.021056
2373.951	19.99104	55.51948	2488.632	2459.599	954.3539	-55.0215	44.39913	0.025222
2395.33	22.87619	32.64173	2486.973	2460.95	954.7135	-56.5066	35.12859	0.01718
2383.063	11.00111	21.75946	2470.193	2454.799	955.2778	-89.2555	-54.239	-0.02465
2362.954	28.79747	17.95612	2455.278	2448.758	955.885	-73.9802	-126.377	-0.03352
2338.254	16.15033	20.89159	2437.251	2440.561	956.3733	-87.3808	-140.624	-0.07259

2317.555	15.44435	18.64964	2421.651	2432.805	956.7338	-88.2386	-120.523	-0.07867
2309.642	40.85111	20.13072	2416.258	2429.382	957.04	-68.8906	-78.3289	-0.06002
2299.285	63.75423	24.1486	2410.48	2425.628	957.3725	-71.9024	-79.4307	-0.068
2285.643	66.1798	40.01657	2406.337	2422.511	957.6258	-70.0534	-68.2419	-0.05482
2271.045	26.41003	56.92838	2398.093	2417.344	957.8641	-81.6346	-84.41	-0.06696
2257.345	10.25121	52.11468	2387.817	2410.97	958.1329	-89.7804	-107.409	-0.05899
2245.218	10.4672	34.28034	2376.938	2404.017	958.3918	-94.8945	-101.672	-0.06487
2252.46	50.04907	15.70948	2373.724	2400.464	958.6864	-75.0915	-78.1494	-0.00919
2260.918	81.38936	23.58916	2375.228	2399.207	958.9738	-60.7009	-44.3438	0.004319
2279.53	83.84795	47.30188	2376.124	2397.862	959.2865	-61.9274	-38.6636	0.01837
2290.077	78.72099	71.76213	2376.166	2396.272	959.6829	-38.2354	-47.4369	0.01736
2314.405	33.31396	81.31943	2370.379	2391.997	959.943	-70.9775	-78.4158	-0.02013
2309.776	94.63485	65.2943	2377.698	2393.919	960.2263	-5.00417	-9.43216	0.016501
2309.716	83.29163	68.88993	2383.121	2395.329	960.4927	-15.6641	33.60949	0.012335
2307.927	91.96624	70.41348	2392.41	2398.897	960.8271	-7.60501	90.66104	0.038572
2309.206	77.68478	89.96424	2397.332	2400.786	961.003	-21.1361	105.0962	0.039935
2310.014	53.18971	84.31422	2397.727	2400.72	961.2861	-37.3184	65.28757	0.035734
2310.26	38.30673	74.28024	2396.384	2399.852	961.6228	-44.5178	3.724803	0.013985
2311.73	24.62256	56.39374	2392.948	2397.941	961.8058	-54.3923	22.20535	-0.00396
2283.375	5.798168	38.70633	2371.841	2387.408	962.3824	-94.2018	-212.788	-0.05262
2272.667	20.89131	22.90915	2358.319	2379.745	962.7228	-80.9624	-165.912	-0.0389
2276.712	71.26262	17.10401	2358.508	2378.249	963.2327	-45.3842	-87.8609	0.00898
2277.465	95.10853	32.6507	2364.669	2379.753	963.7665	-27.1087	17.9122	-0.00802
2277.341	78.73144	62.42082	2366.766	2379.645	964.0216	-36.5979	40.42331	-0.01436
2270.665	48.03608	81.70086	2360.425	2375.638	964.2824	-61.3167	-53.5217	-0.04827
2244.025	9.100358	73.95868	2341.829	2365.557	964.6914	-92.5128	-169.421	-0.07625
2215.496	23.6321	45.28929	2325.471	2355.924	965.1612	-79.9204	-192.095	-0.0685
2215.394	74.13244	26.92284	2329.875	2355.788	965.6465	-37.0115	-49.833	-0.01461
2213.913	94.33333	35.62163	2339.471	2358.489	966.0949	-17.5728	41.20436	0.007666
2218.903	94.87009	64.03262	2348.653	2361.501	966.4025	-6.6852	52.77195	0.063571
2221.157	97.72921	87.77862	2359.452	2365.749	966.6132	-2.27079	63.25351	0.059064
2222.232	66.71827	95.64421	2360.067	2365.579	967.0075	-26.0133	25.05951	0.001653
2222.691	71.75672	86.43919	2366.726	2368.377	967.2871	-9.9213	46.92388	0.002001
2221.352	89.97127	78.73474	2384.414	2376.771	967.8498	-4.94643	131.5506	0.043476
2233.688	80.83677	76.14876	2397.181	2383.484	968.1645	-9.4518	125.1337	0.060996
2231.274	98.04222	80.85492	2417.792	2394.423	968.7728	-1.07059	168.2385	0.130205
2223.586	86.33814	89.61675	2436.47	2405.147	969.1991	-6.66497	187.9985	0.135853
2214.943	96.74652	88.40571	2458.344	2417.999	969.5656	-1.36088	173.2325	0.095387
2213.663	88.61587	93.70896	2479.499	2431.173	969.9708	-4.62154	173.0382	0.085108
2225.996	95.57193	90.56684	2501.414	2445.305	970.2554	-1.9717	163.0959	0.092866
2264.186	87.92973	93.64477	2520.051	2458.434	970.5067	-5.19938	144.0394	0.084214
2302.031	91.54492	90.70584	2543.574	2474.324	970.9741	-4.33532	144.066	0.130953
2323.46	52.02703	91.68219	2557.601	2486.207	971.3614	-15.3392	116.1492	0.096282
2341.661	68.32522	77.16722	2572.716	2498.774	971.5938	-9.2611	104.9124	0.070174
2362.649	69.85109	70.63239	2586.714	2510.99	971.828	-7.81604	101.7979	0.079557
2391.356	12.62336	63.40111	2592.765	2519.513	972.2115	-22.7006	84.98842	0.037493
2439.184	36.34811	50.26656	2596.809	2526.886	972.5633	-27.6907	66.41559	0.031447

2477.871	5.416757	39.60752	2593.123	2530.291	972.9994	-49.1254	38.3681	-0.00225
2503.407	48.39122	18.12941	2596.589	2536.614	973.4304	-40.6461	45.49551	0.007627
2536.344	45.67789	30.05203	2598.683	2542.065	973.6951	-43.7079	49.33519	-0.00448
2544.73	6.795114	33.16195	2592.893	2543.471	974.0645	-95.739	11.79579	-0.02345
2545.938	6.609241	33.62141	2586.548	2544.077	974.3519	-95.6843	-5.73571	-0.04538
2535.754	18.88655	19.69408	2579.979	2544.06	974.625	-86.7328	-47.0064	-0.0345
2536.223	81.39538	10.76364	2589.336	2551.226	975.3759	-28.3995	52.16242	-0.00567
2527.161	92.67198	35.63039	2609.2	2563.613	976.1307	-7.32802	176.2498	0.020554
2504.959	97.4177	64.31797	2635.8	2579.797	976.8091	-2.5823	260.2308	0.059424
2499.478	84.58246	90.49502	2654.723	2593.057	977.2795	-15.4175	214.1834	0.053359
2499.286	57.36202	91.55738	2660.919	2600.608	977.7937	-38.187	105.5833	0.047476
2492.039	82.76644	79.78739	2678.57	2613.574	978.1734	-9.40403	153.2816	0.06117
2490.07	69.79016	74.90364	2693.921	2625.78	978.783	-16.2149	156.5956	0.06442
2486.981	83.37343	69.97287	2713.295	2640.155	979.6039	-9.4623	159.3451	0.101052
2495.438	65.76628	78.64334	2725.134	2651.273	980.1837	-19.7099	122.526	0.093508
2510.455	49.00642	72.97662	2733.644	2660.842	980.4806	-22.6409	88.04847	0.093009
2521.156	9.646854	66.04871	2727.491	2663.272	981.0632	-48.6018	33.50839	0.020013
2530.225	3.970513	41.47318	2714.169	2661.615	981.5682	-64.3787	-10.5816	-0.02853
2545.328	10.31983	20.87459	2699.782	2658.581	982.1296	-77.1878	-44.6565	-0.05803
2534.917	3.785611	7.979065	2671.862	2648.189	982.6197	-96.7636	-104.885	-0.08718
2504.344	5.015031	6.025317	2641.521	2635.335	983.1297	-95.8182	-135.305	-0.08176
2450.259	8.878459	6.37349	2611.949	2621.554	983.5544	-93.701	-143.474	-0.11758
2383.7	10.17298	5.893034	2579.249	2605.098	984.0591	-93.9525	-153.665	-0.13639
2343.476	24.92297	8.022155	2555.765	2591.876	984.5472	-88.3575	-117.042	-0.13946
2313.144	36.52613	14.65814	2535.985	2579.678	984.8871	-88.2341	-106.384	-0.13011
2295.281	93.67275	23.87403	2534.934	2575.935	985.3224	-67.2632	-71.5513	-0.09038
2290.284	84.17505	51.70728	2535.459	2573.151	985.788	-65.3707	-49.3956	-0.05765
2279.131	41.70711	71.45797	2526.904	2566.24	986.1705	-74.7761	-70.9962	-0.06098
2298.554	91.24042	73.18497	2541.911	2570.552	986.7766	-39.4167	-17.1066	0.00145
2317.144	78.94374	72.37419	2551.909	2573.244	987.2078	-34.1945	0.988719	0.035182
2346.589	79.89336	70.63042	2561.746	2576.4	987.5899	-14.9308	4.792664	0.057059
2359.709	76.55391	83.35917	2569.478	2579.037	987.9503	-15.5912	11.26721	0.066427
2364.947	55.00978	78.46367	2572.189	2579.635	988.4465	-24.2762	-4.55192	0.078228
2374.732	30.01719	70.48568	2572.637	2579.299	988.8999	-28.4618	-9.90719	0.061197
2372.86	93.12923	53.86029	2586.816	2585.632	989.2969	-3.0263	54.46577	0.097891
2382.344	66.72663	59.3854	2593.867	2589.115	991.3153	-17.5176	64.68803	0.040923
2401.796	67.33953	63.29102	2599.965	2592.403	991.5931	-17.2802	67.52396	0.037485
2426.131	95.76298	75.7318	2619.093	2602.173	992.2452	-2.71257	124.3202	0.098574
2444.094	83.03828	76.60972	2643.771	2615.308	992.9843	-10.7743	177.9897	0.059079
2469.877	75.30374	82.04693	2662.814	2626.585	993.3262	-14.1759	154.9772	0.061625
2479.507	77.82746	84.70167	2679.727	2637.412	993.7057	-14.143	137.0658	0.05998
2501.7	49.11372	78.72316	2686.546	2643.83	994.082	-33.652	106.0951	0.042898
2527.49	82.67342	67.41497	2703.808	2655.306	994.6117	-6.70878	123.1001	0.08181
2536.476	11.33333	69.87153	2705.415	2659.672	995.155	-37.1867	87.51637	0.054037
2544.67	24.95976	47.70682	2698.874	2659.911	995.6581	-55.7079	10.6014	-0.00071
2547.245	7.728907	39.6555	2687.986	2657.555	996.0747	-68.2597	-10.8808	-0.00173
2545.568	5.443798	14.674	2673.88	2653.017	996.3855	-94.8915	-49.6027	-0.01413

2539.14	2.543452	12.71082	2656.36	2646.127	996.8557	-97.7217	-72.9279	-0.06031
2536.462	30.30302	5.238719	2646.151	2641.969	997.527	-86.33	-77.3392	-0.06818
2514.387	14.5605	12.76342	2630.289	2634.642	997.8519	-92.5907	-104.295	-0.08112
2505.786	45.66874	15.80232	2623.183	2630.898	998.1688	-78.7342	-90.7593	-0.06804
2471.392	2.910532	30.17742	2605.093	2621.617	998.4473	-98.5303	-126.913	-0.08019
2427.935	11.09254	21.04659	2583.533	2610.012	998.9426	-94.4274	-153.265	-0.11927
2409.89	31.98723	19.8906	2570.689	2601.867	999.3087	-84.6229	-129.329	-0.07892
2394.081	32.10912	15.3301	2558.683	2593.776	999.7099	-86.69	-106.169	-0.06393
2396.539	72.99198	25.06296	2553.917	2588.882	1000.063	-76.022	-88.5447	-0.0382
2394.576	88.91441	45.69611	2557.953	2588.235	1000.578	-40.6717	-49.9909	-0.00622
2429.204	86.30831	64.67184	2563.752	2588.784	1001.211	-33.5906	-24.9057	0.013926
2412.281	17.41729	82.73823	2539.898	2575.445	1003.257	-85.1386	-122.413	-0.07
2395.573	19.41011	64.21333	2520.483	2563.464	1004.264	-83.4382	-152.67	-0.05086
2385.715	27.20208	41.04523	2507.062	2553.818	1004.698	-73.7349	-120.464	-0.05838
2371.548	18.67282	21.34316	2492.414	2543.302	1005.277	-81.4161	-131.042	-0.03742
2347.86	10.17625	21.76167	2476.366	2531.806	1005.833	-90.7931	-135.088	-0.03118
2337.535	25.60714	18.68372	2463.294	2521.405	1006.286	-89.4779	-126.619	-0.04346
2327.161	56.79658	18.15207	2457.234	2514.183	1006.618	-76.5245	-105.201	-0.02758
2331.771	70.11812	30.85999	2451.575	2507.239	1006.879	-77.8996	-83.5819	-0.04243
2320.845	10.83222	50.84061	2440.186	2497.633	1007.217	-94.998	-100.075	-0.07852
2310.551	38.95254	45.91564	2433.565	2490.19	1007.622	-87.1862	-83.89	-0.07647
2304.712	45.62421	39.96762	2428.678	2483.642	1007.851	-85.3328	-80.4314	-0.00286
2299.339	73.83814	31.80299	2427.689	2479.095	1008.215	-77.1821	-59.5081	0.003542
2297.663	86.62175	52.80496	2429.137	2475.984	1008.614	-68.2378	-38.2249	0.001582
2310.74	76.14015	68.6947	2440.501	2477.985	1009.228	-22.3923	73.61981	0.037793
2355.694	64.74279	78.86668	2447.547	2478.601	1009.645	-32.5797	41.48808	0.041121
2350.988	73.76837	75.8349	2456.093	2480.416	1009.925	-22.8405	65.58757	0.046709
2350.314	14.13492	71.55044	2450.602	2475.97	1010.485	-70.7827	-28.9749	-0.00144
2351.001	13.26165	50.88203	2446.125	2471.935	1010.758	-70.1449	-32.39	0.000434
2353.522	15.04807	33.72165	2441.983	2468.029	1010.966	-71.4783	-45.8791	0.017518
2359.97	48.20654	14.14821	2444.308	2467.219	1011.272	-50.3834	24.94606	0.025009
2360.29	93.35348	25.50542	2454.33	2470.348	1011.656	-19.4986	143.4623	0.044821
2347.722	93.05523	52.2027	2472.872	2478.089	1012.07	-6.1195	220.2936	0.062999
2344.39	88.75115	78.20509	2490.068	2485.982	1012.443	-10.3027	201.2884	0.060543
2348.241	98.06883	91.71995	2507.958	2494.898	1012.827	-1.67657	175.1276	0.04129
2359.55	70.1788	93.29174	2517.795	2500.602	1013.212	-21.0854	129.3907	0.034429
2374.096	23.96725	85.66626	2520.288	2503.076	1013.577	-38.8181	86.4682	0.012345
2385.478	44.27305	64.07163	2527.498	2507.822	1013.845	-23.4531	91.00563	0.06063
2391.604	61.17844	46.1397	2535.96	2513.354	1014.13	-16.3384	97.22023	0.066488
2393.947	70.6499	43.13958	2544.443	2519.113	1014.351	-12.3522	106.5045	0.071057
2393.746	92.70097	58.70046	2558.067	2527.549	1014.696	-3.48865	121.0992	0.071588
2399.239	95.24941	74.8431	2572.41	2536.716	1014.88	-2.35018	134.4849	0.056526
2419.704	90.19607	86.20009	2586.678	2546.229	1015.065	-4.59164	140.0232	0.03507
2448.011	83.86778	92.71548	2598.158	2554.753	1015.272	-7.32732	120.645	0.029656
2486.051	33.4215	89.77108	2600.572	2559.131	1015.531	-37.2415	79.82238	0.002878
2517.44	22.6624	69.16178	2601.5	2562.647	1015.788	-46.8822	57.27888	0.013492
2533.212	66.88681	46.65056	2608.469	2568.88	1016.054	-20.0733	74.68503	0.044515

2537.355	63.9881	40.99024	2613.282	2574.13	1016.342	-24.7749	92.61159	0.02828
2539.799	54.82149	51.1791	2616.169	2578.42	1016.559	-29.9099	80.75825	0.019187
2543.165	38.09524	61.8988	2616.451	2581.352	1016.853	-40.3701	59.70466	0.010382
2550.58	21.31578	52.30161	2613.558	2582.559	1017.39	-66.1244	27.83659	-0.01343
2570.139	65.68514	38.0775	2617.311	2586.662	1018.02	-38.8335	36.3641	-0.00504
2566.721	8.645236	41.69872	2608.555	2584.717	1018.546	-92.3138	-83.9489	-0.0393
2548.776	3.712333	31.88205	2596.547	2580.701	1018.883	-96.8254	-138.666	-0.04915
2541.343	34.10679	26.01424	2592.432	2579.894	1019.179	-70.8333	-92.9782	-0.01685
2537.265	59.51495	15.48812	2593.112	2581.15	1019.47	-50.6929	-29.4936	-0.00374
2532.211	69.80077	32.44469	2591.364	2581.194	1019.669	-61.1573	-53.3687	-0.02458
2531.929	74.3461	54.47417	2590.446	2581.506	1019.856	-58.6279	-54.5568	-0.02059
2534.025	51.58228	67.88727	2587.57	2580.783	1020.028	-68.0873	-64.8013	-0.02291

Aroon Up	Aroon Dow	MACD	BUY/SELL
32	88	-19.0424	0
28	84	-19.1592	-1
24	80	-17.845	1
20	76	-16.8154	-1
16	72	-15.511	1
12	68	-13.7275	1
8	64	-13.5467	-1
4	60	-13.8275	-1
0	56	-14.0974	-1
0	96	-14.251	0
0	96	-14.0726	1
0	96	-14.3927	-1
0	92	-13.8533	1
0	88	-13.1049	0
0	84	-10.7255	1
12	80	-9.16576	-1
8	76	-8.00526	-1
4	72	-7.23003	-1
0	68	-7.08355	-1
0	64	-6.16104	1
0	60	-5.06383	1
32	56	-3.943	1
28	52	-2.76508	1
96	48	-0.23418	1
96	44	1.820531	0
96	40	3.696057	0
96	36	5.719991	1
92	32	6.52535	1
96	28	7.771442	1
96	24	8.661138	0
96	20	9.615096	0
92	16	9.970417	-1
88	12	9.931693	-1
84	8	9.238966	-1
80	4	9.294246	1
96	0	10.5691	1
96	0	11.3408	0
96	0	12.07299	0
92	16	11.59437	-1
88	12	11.80438	1
96	8	11.9391	-1
92	4	11.65375	-1
88	0	10.10413	-1
84	0	8.520036	0
80	0	6.294814	-1
76	0	4.534987	-1

72	0	2.74497	-1
68	0	2.166676	1
64	88	2.180825	1
60	84	1.497335	-1
56	80	0.549663	0
52	96	-1.93759	-1
48	96	-3.1609	1
44	92	-4.14061	-1
40	96	-5.25019	0
36	96	-6.16241	0
32	96	-6.82665	1
28	96	-7.77502	-1
24	96	-7.44362	1
20	92	-5.25792	1
16	88	-3.94389	-1
12	84	-2.27083	1
8	80	-1.3747	1
4	76	-1.7692	-1
0	72	-3.12887	-1
0	68	-3.99846	0
0	96	-5.50148	-1
20	96	-6.565	0
16	96	-7.49727	1
12	92	-7.07149	0
8	88	-8.11923	-1
4	84	-7.96253	1
0	80	-7.18796	1
0	76	-5.93022	1
44	72	-4.5236	1
40	68	-4.75487	-1
36	64	-4.86213	0
32	60	-4.1104	1
28	56	-3.4588	0
24	52	-3.8354	-1
20	48	-4.53522	-1
16	44	-4.61102	1
12	40	-4.28992	1
8	36	-2.76262	1
4	32	-0.85889	1
0	28	0.745152	0
0	24	1.67137	-1
96	20	2.909423	1
96	16	3.172582	-1
92	12	3.789083	0
88	8	4.15582	0
84	4	4.19428	0
80	0	3.913865	-1

76	8	4.080237	1
96	4	5.2388	1
92	0	5.189895	-1
88	32	5.977494	1
84	28	5.989083	-1
80	24	5.641477	-1
76	20	5.279162	0
72	16	5.156398	1
68	12	4.197398	-1
64	8	3.538475	0
60	4	3.00363	-1
56	0	2.495046	0
52	0	2.781332	1
48	0	2.821815	-1
44	0	2.939913	0
40	36	2.584063	-1
36	32	2.003185	0
32	28	1.402771	0
28	24	1.131712	0
24	20	0.930154	0
20	16	0.81893	0
16	12	0.432046	-1
12	8	0.139813	-1
8	96	-1.36499	-1
4	96	-2.96698	-1
0	96	-4.20805	-1
0	92	-4.93884	0
4	88	-4.93356	1
0	84	-5.33548	-1
32	80	-5.94518	-1
28	96	-6.62971	-1
24	96	-7.34731	-1
20	96	-8.05101	0
16	96	-8.69432	-1
12	96	-9.52005	-1
8	92	-9.80168	1
4	88	-9.99756	0
0	96	-10.284	-1
0	96	-10.6303	-1
0	92	-10.2827	1
16	88	-9.44067	1
12	84	-9.13767	-1
8	80	-8.97395	0
4	76	-8.92516	0
0	96	-9.23368	-1
0	96	-9.64083	-1
0	96	-9.91514	0

0	96	-11.153	-1
12	96	-11.3241	1
8	92	-11.2797	-1
4	88	-11.5806	-1
0	84	-10.6195	1
0	80	-9.36426	1
0	76	-8.38076	0
0	72	-7.55619	0
0	68	-5.48263	1
96	64	-3.96744	-1
96	60	-1.7177	1
96	56	-0.47088	-1
96	52	1.578148	1
96	48	3.720662	1
96	44	5.109923	-1
92	40	5.54352	-1
88	36	4.935002	-1
84	32	4.560048	0
80	28	4.552138	0
76	24	4.031779	-1
72	20	3.5979	0
68	16	2.752705	-1
64	12	2.875059	1
60	8	3.331296	0
56	4	3.887852	1
52	0	5.113286	1
96	4	5.785944	-1
96	0	6.661892	0
96	0	8.044709	1
92	4	8.499074	-1
96	0	9.447682	1
96	0	9.52809	-1
92	0	8.745617	-1
88	48	8.313435	0
84	44	7.75958	-1
80	40	7.436753	1
96	36	8.371344	1
96	32	9.0141	0
96	28	9.752782	0
96	24	10.55623	1
96	20	10.82439	0
92	16	10.48639	-1
88	12	10.6651	1
96	8	10.56307	-1
92	4	9.637724	-1
88	0	8.425568	-1
84	0	8.950437	1

96	0	9.52834	0
92	0	9.742139	0
88	0	9.547725	0
84	0	8.405494	-1
80	0	6.701613	-1
76	20	5.007783	-1
72	96	2.667461	-1
68	96	0.90028	-1
64	96	-1.9446	-1
60	96	-3.51914	1
56	96	-5.37052	-1
52	92	-6.74205	0
48	96	-8.3937	-1
44	96	-10.2697	-1
40	92	-10.1981	1
36	88	-10.5315	-1
32	84	-10.5462	0
28	80	-9.55453	1
24	76	-8.87611	-1
20	72	-7.68039	0
16	68	-6.23723	1
12	64	-5.43848	0
8	60	-6.1751	-1
4	56	-5.12509	1
0	52	-3.53875	1
0	48	-1.72216	1
0	44	-0.33262	0
0	40	0.876399	0
0	36	1.8097	1
96	32	3.168283	1
92	28	3.520946	-1
88	24	3.889491	0
84	20	4.145763	1
80	16	4.123475	0
76	12	3.768611	-1
72	8	3.475297	0
68	4	3.308616	0
64	0	3.436658	0
60	0	3.375324	-1
96	4	4.138306	1
96	0	4.637557	0
96	0	5.363073	1
92	20	5.072245	-1
88	16	3.524193	-1
84	12	1.492793	-1
80	8	0.5579	1
76	4	-0.79138	-1

72	0	-2.38672	-1
68	96	-3.75167	-1
64	96	-4.89884	-1
60	96	-6.3226	-1
56	96	-7.77301	-1
52	92	-8.15106	1
48	88	-8.95494	-1
44	96	-10.0003	-1
40	96	-11.3297	-1
36	96	-13.4155	-1
32	96	-14.648	1
28	96	-16.387	-1
24	92	-16.5434	1
20	88	-15.5844	1
16	84	-15.5997	-1
12	80	-15.0764	0
8	76	-15.0399	-1
4	72	-14.8774	1
0	96	-15.1594	-1
0	96	-14.8006	1
0	92	-14.1592	1
0	88	-12.4324	1
4	84	-10.8411	1
0	80	-9.08354	1
0	76	-8.33005	-1
0	72	-6.82294	1
0	68	-4.43832	-1
96	64	-2.09273	1
92	60	-1.4738	-1
88	56	-0.89109	-1
84	52	-0.50342	-1
80	48	0.77803	1
76	44	1.320743	0
72	40	1.920549	0
68	36	2.165111	0
64	32	2.644188	1
60	28	3.341052	1
56	24	3.489397	-1
52	20	3.854292	1
96	16	5.135408	1
96	12	6.827376	1
96	8	8.464373	0
92	4	9.008401	-1
88	0	7.836461	-1
84	0	6.72229	-1
80	0	6.14219	1
76	0	6.155055	1

72	4	5.978433	-1
68	0	6.41596	0
64	0	6.650075	0
60	12	6.641155	0
56	8	6.943721	0
52	4	7.757533	1
48	0	7.804936	-1
44	0	8.31617	1
96	12	8.503405	0
92	8	8.442558	0
88	4	8.182118	0
84	0	7.173618	-1
80	0	5.566818	-1
76	8	4.89643	1
72	4	4.281812	0
68	0	3.285242	-1
64	20	2.565795	1
60	16	2.535924	1
56	12	3.064439	1
52	8	2.208862	0
48	4	1.189372	-1
44	0	-0.21758	-1
40	96	-1.85871	-1
36	96	-2.67487	1
32	96	-4.03454	-1
28	96	-5.87765	-1
24	96	-7.10653	0
20	92	-7.89747	1
16	88	-8.22564	0
12	84	-8.22109	0
8	80	-8.46166	-1
4	76	-8.36801	0
0	72	-8.59241	-1
0	68	-8.57153	0
0	96	-8.57602	-1
28	96	-9.44391	-1
24	96	-10.7591	-1
20	92	-11.1275	1
16	88	-10.9852	1
12	84	-11.2937	-1
8	80	-11.1558	1
4	96	-11.3059	-1
0	92	-10.1942	1
0	88	-8.74879	1
0	84	-7.77738	-1
0	80	-6.41403	1
0	76	-5.47231	-1

0	72	-4.50421	1
0	68	-4.34436	-1
16	64	-4.04516	0
12	60	-2.95465	1
8	56	-2.42417	-1
4	52	-1.79128	1
0	48	-1.65036	-1
0	44	-2.26792	-1
0	40	-3.28895	-1
80	96	-4.47815	-1
76	96	-5.87248	-1
72	96	-7.64079	-1
68	96	-10.3418	-1
64	96	-11.7317	1
60	92	-12.7995	-1
56	88	-12.5143	1
52	84	-12.1127	0
48	80	-11.6541	1
44	76	-11.1797	-1
40	72	-10.1216	1
36	68	-8.65372	1
32	64	-8.84919	-1
28	60	-8.64664	-1
24	56	-9.27645	-1
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8	96	-5.67819	-1
4	96	-5.93881	1
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48	92	-12.8722	-1
44	88	-13.4164	1
40	84	-14.1363	-1
36	96	-14.6083	0
32	96	-14.9757	-1
28	96	-15.6381	-1
24	96	-16.3206	0
20	92	-15.7033	1
16	88	-14.7148	1
12	84	-13.9287	0
8	80	-13.4622	-1
4	76	-14.2907	-1
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0	68	-11.4048	1
0	64	-8.8336	1
0	60	-7.37436	-1
0	56	-4.85699	1
0	52	-2.35521	1
96	48	0.380464	1
96	44	1.464502	-1
92	40	1.528631	0
88	36	1.717526	0
84	32	2.444546	1
80	28	3.416966	0
76	24	3.719096	-1
72	20	3.751428	0
68	16	4.92923	1
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92	8	3.389539	-1
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76	12	-1.08285	0
72	8	-0.73685	1
68	4	-0.4317	1
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52	64	-2.3953	1
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44	56	0.364015	-1
40	52	2.16947	1
96	48	3.45062	0
96	44	5.205277	1
92	40	5.212858	-1

88	36	4.610183	-1
84	32	4.998178	1
80	28	5.075303	0
76	24	4.961331	-1
72	20	5.240248	0
96	16	6.562669	1
96	12	8.474217	0
92	8	8.988263	-1
88	4	8.618855	-1
84	0	8.673742	1
80	24	9.17501	1
76	20	9.228088	-1
72	16	9.312678	1
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64	8	8.629135	1
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56	0	7.283213	-1
52	0	5.903422	-1
48	0	3.247751	-1
44	96	1.056988	1
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4	84	-11.7739	-1
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48	84	-10.0929	-1
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36	72	-8.06171	-1

32	96	-8.95772	-1
28	96	-10.3064	-1
24	96	-10.7082	1
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32	68	-5.72817	1
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92	52	5.415939	1
88	48	6.86271	1
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96	40	10.32233	1
92	36	10.85206	-1
88	32	12.0265	1
96	28	13.36671	1
96	24	14.18735	-1
92	20	15.0262	1
96	16	15.30278	-1
96	12	15.80143	0
96	8	16.55928	1
92	4	16.78455	0
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84	0	16.06195	1
80	16	15.63867	0
76	12	14.6448	-1
72	8	12.74305	-1
68	4	11.33505	0
64	0	11.10437	1
60	0	10.39604	-1
56	12	9.96758	1
52	8	8.7419	-1
48	4	6.160793	-1
44	0	4.662998	1
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36	0	3.746894	0
32	84	3.321251	0
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0	68	-2.34718	-1
0	64	-0.87629	-1
8	60	-0.67402	-1
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0	52	-1.36437	1
0	48	-1.18953	1
12	44	-2.29152	-1
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0	28	-5.08757	-1
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32	4	-3.52806	0
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24	68	-3.68534	-1
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8	52	-2.16287	-1
4	48	-1.85679	0
0	44	-1.87042	-1
0	40	-2.28652	-1
0	36	-2.37112	1
0	32	-2.4578	-1
4	28	-2.45029	0
0	24	-2.07075	1
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28	16	-1.56946	1
24	12	-1.37712	-1
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4	96	-4.71781	-1
0	96	-5.61789	0
32	96	-6.13855	1
28	96	-7.10476	-1

24	96	-7.76696	0
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4	80	-7.44983	-1
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28	68	-6.39174	-1
24	64	-5.63669	1
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12	52	-3.61201	1
8	48	-3.89664	-1
4	44	-3.77889	1
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96	28	-0.14956	1
96	24	0.44494	-1
92	20	0.933305	1
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84	12	1.118217	0
80	8	1.575686	1
76	4	1.605978	-1
96	0	2.344348	1
96	0	2.894152	0
92	0	2.553063	-1
88	40	1.952495	0
84	36	1.665175	0
80	32	1.709523	1
76	28	1.685276	-1
72	24	1.544343	-1
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64	16	2.538921	0
60	12	2.792361	0
56	8	2.87613	-1
52	4	3.08481	1
48	0	3.061033	0
44	0	2.88701	0
40	0	3.029907	1
36	44	2.5522	-1
32	40	1.973014	0
28	36	1.390072	0
24	32	0.990607	0
20	28	0.626835	-1
16	24	0.194417	0

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32	4	-0.14074	0
28	0	-0.63748	-1
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20	88	-0.20753	1
16	84	0.648208	1
96	80	1.435732	1
92	76	1.751893	0
88	72	2.098167	1
96	68	4.064305	1
96	64	5.467531	0
96	60	6.783174	1
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88	52	7.726865	1
84	48	8.199874	1
96	44	8.927451	1
96	40	10.05164	1
96	36	10.8159	0
92	32	11.21831	0
88	28	11.15091	0
84	24	10.44552	-1
80	20	9.283882	-1
76	16	8.475404	0
72	12	7.858003	0
68	8	6.966666	-1
64	4	6.238323	0
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56	0	3.707368	-1
52	0	3.365132	1
48	0	2.724779	-1
44	8	2.075467	0
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28	88	-15.248	0
24	84	-10.1359	1
20	80	-5.97361	0
96	76	-0.96134	1
96	72	4.240986	1
92	68	7.551416	-1
88	64	9.146284	-1
84	60	10.9949	1
80	56	11.76676	-1
76	52	12.37174	0

72	48	12.9023	1
68	44	12.58222	-1
64	40	12.47847	0
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56	32	12.179	1
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40	16	9.588276	-1
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24	0	6.05285	0
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16	0	4.046056	-1
12	0	3.399895	1
8	0	2.519052	-1
4	96	2.305973	1
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0	88	1.559472	0
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32	80	0.793881	-1
28	96	0.465662	0
24	96	0.266424	1
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16	88	-0.03022	0
12	84	-0.19158	0
8	80	-0.49757	0
4	96	-0.89956	0
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16	84	-16.8864	-1
12	80	-13.4808	0
8	76	-11.0127	-1
4	72	-8.72227	1
0	68	-7.03979	-1
20	64	-5.32924	1
16	60	-3.93229	0
12	56	-2.27342	1
8	52	-0.49344	1
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0	44	2.078317	1
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96	32	7.382947	1

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96	0	6.796625	1
96	0	7.240231	0
96	0	7.297839	-1
92	0	7.024715	-1
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84	48	6.46243	-1
80	44	5.714118	-1
76	40	5.364977	1
72	36	5.014489	0
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0	80	-4.83001	1
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0	92	-8.51873	0
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48	96	-9.60228	-1
44	92	-9.51316	1
40	88	-8.96746	1
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72	20	-0.37452	1
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88	4	2.040696	0
84	0	1.619628	-1
80	20	1.079644	0
76	16	1.46809	1
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96	8	3.27342	-1
96	4	3.583135	-1
92	0	3.684202	0
88	12	3.332212	-1
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80	4	0.41567	-1
76	0	1.087066	1
72	0	2.197324	1
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92	80	3.545871	-1
88	76	2.555716	-1
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80	96	-0.49229	-1
76	92	-0.81317	1
72	88	-1.45042	-1
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36	72	0.83101	1
32	68	0.285755	-1
28	64	-0.34818	-1
24	60	-0.84878	0
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92	32	6.632358	-1
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96	4	10.29652	1
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96	20	12.57469	1
92	16	12.36949	-1
88	12	12.08751	0
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44	92	0.137538	1
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36	84	-0.96927	-1
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28	92	-1.2428	1
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8	96	-7.6588	1
4	92	-7.63631	1
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88	36	3.677816	1
84	32	3.341964	-1
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96	20	3.894378	0
92	16	4.157384	0
88	12	4.017753	0
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80	4	2.704957	-1
76	0	1.332704	-1
72	12	0.307585	0
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56	88	-1.89585	1
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48	80	-1.97529	-1
44	76	-1.32441	1
40	72	-0.83493	0
36	68	-0.30956	0
32	64	0.380194	1
28	60	0.817485	-1
24	56	1.646644	1
96	52	3.277146	1
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80	0	3.911605	-1
76	4	2.4924	-1
72	0	0.905606	-1
68	0	-0.67192	-1
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32	96	-4.56229	-1
28	92	-4.54454	1
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8	72	-2.2624	0
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80	44	-0.41425	-1
76	40	-1.38548	-1
72	36	-1.31076	1
68	32	-1.47039	-1
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88	12	2.561625	-1
84	8	2.78547	1
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68	48	1.928451	-1
64	44	0.858613	-1
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52	32	-1.81179	0
48	28	-1.91424	1
44	24	-1.09355	1
40	20	-0.39464	0
36	16	0.313502	0
32	12	0.892403	0
28	8	1.280473	0
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20	0	0.463821	-1
16	56	0.427682	1
12	52	0.131744	1
8	48	-0.02852	1

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24	96	-7.28699	1
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96	72	5.807549	1
96	68	9.182858	1
96	64	12.33906	1

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88	52	16.33684	0
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96	44	18.36174	0
92	40	18.27739	-1
88	36	17.81929	0
84	32	16.94912	-1
80	28	16.77751	1
76	24	16.47162	-1
96	20	16.36627	1
96	16	16.07352	0
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96	68	14.51737	1
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96	56	18.88269	-1
96	52	21.67053	1
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88	44	21.98453	0
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8	80	-7.48644	0
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0	96	-3.76164	0
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24	76	-11.1288	-1
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52	0	0.230776	-1
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8	76	-1.06432	1
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80	28	3.006892	-1
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32	92	-5.04416	1
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84	0	7.981444	1
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96	72	6.366854	-1
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20	72	-6.14733	0

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96	40	4.648637	-1
92	36	5.190906	1
96	32	5.762065	0
92	28	5.486023	-1

88	24	5.54308	1
84	20	5.836753	1
96	16	6.051691	0
92	12	5.718471	-1
88	8	5.915762	1
84	4	5.550513	-1
80	0	4.987732	-1
76	0	4.620354	0
72	0	3.535078	-1
68	0	2.606967	-1
64	0	2.768748	1
96	12	3.377597	1
96	8	3.873416	0
92	4	3.14895	-1
88	0	2.95836	1
84	0	3.632723	1
96	68	3.688996	-1
92	64	3.23271	-1
88	60	3.026062	0
84	56	2.705213	0
80	52	2.302496	0
76	48	1.90542	0
72	44	1.969699	1
68	40	1.689422	-1
64	36	2.051156	1
96	32	3.478753	1
96	28	4.911225	0
92	24	5.724692	0
88	20	5.079831	-1
84	16	3.89045	-1
80	12	3.173062	0
76	8	2.485947	0
72	4	2.541584	1
68	0	2.996765	1
64	0	3.396282	1
60	12	3.601447	0
56	8	4.521254	1
96	4	5.607221	1
96	0	6.664808	1
92	24	7.093454	-1
88	20	7.271404	0
96	16	7.987798	1
96	12	9.005281	1
96	8	9.873679	0
96	4	10.57192	-1
92	0	10.21419	-1
88	0	9.098409	-1

84	0	8.565039	1
80	20	8.326132	0
76	16	8.267308	0
72	12	7.852401	-1
68	8	8.283393	1
64	4	8.455548	0
60	0	7.994245	-1
56	4	5.992872	-1
52	0	5.166535	1
48	0	3.788548	-1
44	0	3.473763	1
40	0	3.434496	0
36	0	3.372493	-1
32	0	2.36289	-1
28	96	1.509404	-1
24	96	0.726714	0
20	96	-0.16347	0
16	96	-1.07043	0
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4	96	-3.4538	-1
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24	96	-7.35356	-1
20	96	-8.19326	0
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96	0	2.02404	1
96	16	3.153051	0
96	12	4.167618	0
96	8	5.128373	1
92	4	5.63893	0
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92	0	6.153074	0
88	0	6.213174	1
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80	8	6.092241	1
76	4	5.658895	-1
72	0	5.877194	1
96	0	6.650972	1
96	16	7.288091	0
96	12	7.874104	0
92	8	7.364368	-1
88	4	7.286069	1
84	0	7.044887	0
80	0	6.884303	0
76	0	7.1601	1
96	0	7.144441	-1
92	0	6.942095	0
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84	0	6.379895	-1
80	0	4.450214	-1
76	96	2.543892	-1
72	96	1.066784	0
68	96	-0.41479	-1
64	96	-1.96201	-1
60	92	-2.70143	1
56	88	-3.64507	-1
52	84	-4.03467	0
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36	68	-2.24569	-1
32	64	-2.42577	-1
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20	52	-2.85143	-1
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8	40	-2.88675	0
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92	20	32.1001	-1
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76	4	30.88083	1
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68	8	29.32805	-1
64	4	27.57519	-1
60	0	25.21593	-1
56	0	22.91814	1
52	0	21.39407	1
48	0	20.48761	1
44	0	18.13536	-1
40	0	15.87437	-1
36	0	14.35271	0
32	0	13.55013	1
28	0	14.75236	1
96	0	17.6499	1
96	0	21.31321	1
96	0	24.86896	1
92	0	26.11098	-1
88	68	25.78884	-1
84	64	24.88696	-1
80	60	23.17171	-1
76	56	21.99051	1
72	52	21.88326	1
68	48	20.69442	-1
64	44	19.47184	0
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56	36	18.51373	1
52	32	19.0419	1
96	28	19.84719	-1
92	24	19.60593	-1
88	20	18.91886	-1

84	16	17.59995	-1
80	12	15.39209	-1
76	8	13.46909	0
72	4	11.32891	-1
68	0	8.349539	-1
64	0	5.649466	-1
60	0	3.823271	0
56	92	3.484876	1
52	88	3.197818	0
48	84	2.57692	-1
44	80	1.810195	-1
40	76	1.670896	1
36	72	1.416282	0
32	68	0.183237	-1
28	96	-1.12076	-1
24	92	-1.92023	0
20	96	-3.25962	-1
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12	96	-5.3782	0
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0	80	-1.53323	-1
0	76	-1.78332	0
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0	68	-2.13751	0
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12	52	-1.76913	-1
8	48	-2.14584	-1
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96	32	2.724801	0
96	28	4.950722	1
96	24	6.76074	0
96	20	8.483089	1
96	16	10.15663	0
96	12	11.4785	0
92	8	12.43471	0
88	4	11.51505	-1
84	0	10.43413	-1
80	48	8.96655	-1
76	44	7.756039	-1
72	40	8.335267	1
68	36	9.511977	1

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96	24	14.58951	0
96	20	15.91709	0
96	16	17.43764	1
96	12	18.86487	1
96	8	20.22839	1
96	4	21.77736	1
92	0	21.48432	-1
88	0	21.52552	1
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96	36	25.08953	1
96	32	26.0518	-1
96	28	27.32276	1
92	24	26.90281	-1
88	20	26.25338	0
84	16	26.26525	1
80	12	25.51689	-1
96	8	25.65128	1
96	4	26.29003	1
96	0	25.38653	-1
92	0	24.16019	-1
88	0	22.37879	-1
84	0	20.57991	0
80	0	18.36507	-1
76	0	14.91511	0
72	0	13.10108	1
68	0	11.25594	0
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56	8	7.43064	-1
52	4	6.150935	-1
48	0	5.947475	1
44	0	5.167132	-1
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36	96	2.456256	-1
32	92	2.138326	1
28	88	3.066021	1
24	84	4.374285	1
20	80	5.477841	0
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12	72	8.690533	1
96	68	9.520654	-1
92	64	9.96771	0
88	60	10.2834	0
84	56	10.87583	0

96	52	13.21137	1
96	48	14.48369	-1
92	44	15.15347	0
88	40	15.80187	-1
84	36	15.58058	-1
96	32	15.9053	-1
92	28	15.52012	-1
88	24	13.14887	-1
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76	12	6.916178	-1
72	8	3.489857	-1
68	4	0.327071	-1
64	0	-0.77567	0
60	0	-0.01083	1
56	84	1.007346	0
52	80	2.812982	1
48	76	3.68985	-1
44	72	5.326541	1
40	68	6.307128	-1
96	64	9.579668	1
96	60	12.32684	0
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96	48	19.57384	1
96	44	22.09524	-1
96	40	26.17773	1
96	36	28.64332	-1
92	32	30.6951	0
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92	24	32.23749	-1
88	20	32.62844	1
84	16	32.43252	0
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92	8	32.30417	-1
88	4	31.41819	-1
84	0	29.35452	-1
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76	0	20.45558	-1
72	0	17.38015	1
68	0	13.45683	-1
64	0	9.550052	-1
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88	52	14.54911	-1
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76	40	10.21198	-1
72	36	7.403762	-1
68	32	6.075396	1
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60	24	6.239859	0
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52	16	4.530718	-1
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44	8	2.845641	0
40	4	2.723293	0
36	0	2.45811	-1
32	0	2.321113	1
28	0	2.57849	0
24	0	2.134376	-1
20	44	1.351179	-1
16	40	1.310889	1
12	36	2.007203	1
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12	0	1.006504	0
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96	32	3.822354	0
92	28	4.420329	0
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96	20	6.698154	0
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88	12	4.287815	0
84	8	3.057267	-1
80	4	2.97499	1
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76	16	10.47978	1
72	12	8.956333	-1
68	8	4.539277	-1
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92	44	6.540149	-1
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96	28	9.550549	1
96	24	11.58629	0
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96	16	16.38135	1
92	12	15.89729	-1
88	8	16.07969	1
84	4	15.16219	-1
80	0	13.66605	-1
76	0	13.68546	1
72	0	13.23651	-1
68	0	13.49256	1
64	0	13.89105	0
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44	0	9.039671	-1
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96	36	32.02174	1
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96	28	36.80099	-1
92	24	36.82108	-1
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76	0	34.40893	1
72	0	30.06462	-1
68	8	29.03673	1
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96	8	3.977668	1
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92	16	24.67222	-1
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88	0	31.44577	-1
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88	20	40.42098	-1
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28	8	6.378656	1
24	4	8.413659	1
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96	4	38.15464	-1
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96	4	44.40017	1
96	0	54.30328	1
96	0	64.40283	1
96	16	72.80215	0
96	12	77.79135	-1
92	8	80.35507	0
88	4	77.13627	-1

84	0	73.48807	0
80	0	70.57808	0
76	0	71.47449	1
72	0	68.35887	-1
68	0	65.44198	1
64	12	63.23651	0
60	8	62.84606	1
96	4	66.56242	1
96	0	68.14119	-1
96	0	71.93206	1
96	0	75.96501	1
96	0	76.64764	-1
92	0	75.62294	0
88	0	74.31329	1
96	0	75.02894	0
96	0	78.96651	1
96	0	77.21486	-1
92	0	75.96367	-1
96	0	82.00319	1
96	20	84.31672	-1
92	16	86.37701	1
96	12	89.17264	1
96	8	90.7815	0
92	4	91.58182	1
96	0	93.09966	0
92	0	90.71904	-1
88	8	81.60581	-1
84	4	73.92671	0
80	0	65.02569	-1
76	0	62.03743	1
72	0	56.30487	-1
68	0	48.87448	-1
64	0	37.52218	-1
60	0	28.32398	0
56	12	17.84306	-1
52	96	8.056095	-1
48	92	1.512964	0
44	88	-3.38338	-1
40	84	-5.60549	1
36	80	-5.03301	1
32	76	-4.15618	1
28	72	-0.34662	1
24	68	1.421505	-1
20	64	-1.98777	-1
16	96	-8.9359	-1
12	96	-13.5359	1
8	96	-25.7246	-1

4	96	-33.2181	1
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0	88	-36.1507	1
0	84	-37.9898	-1
12	80	-36.6923	0
8	76	-38.1374	-1
4	72	-33.921	1
0	68	-28.9666	1
0	64	-30.7059	-1
40	60	-35.3602	-1
36	56	-37.0682	0
32	52	-35.0922	0
28	48	-30.0849	1
24	44	-25.6195	1
20	40	-25.7618	-1
16	36	-27.9329	0
12	32	-29.8701	0
8	28	-28.5984	0
4	24	-32.3377	-1
0	96	-39.9324	-1
0	92	-42.7234	0
0	88	-40.0476	1
36	84	-37.5627	0
32	80	-34.5854	0
28	76	-32.0621	0
24	72	-27.4742	1
20	68	-23.2395	0
16	64	-23.119	-1
12	60	-22.0392	0
8	56	-18.0942	1
4	52	-10.4695	1
0	48	-3.45904	0
92	44	-2.16302	-1
88	40	0.43259	0
84	36	2.620801	-1
80	32	5.705348	1
96	28	13.28606	1
96	24	20.20672	1
96	20	25.69376	0
96	16	30.7569	1
92	12	31.94419	-1
88	8	32.49441	0
84	4	29.03324	-1
80	0	26.02256	1
76	0	15.39397	-1
72	0	6.520366	1
68	96	-3.31017	0

64	92	-11.1539	-1
60	88	-13.1238	1
56	84	-15.1478	-1
52	80	-16.174	-1
48	76	-19.2506	-1
44	72	-23.1529	0
40	96	-27.0791	-1
36	92	-26.7395	1
32	88	-23.9789	1
28	84	-21.7383	-1
24	80	-20.106	0
20	76	-21.6174	0
16	72	-16.2213	1
12	68	-12.2076	-1
8	64	-6.48675	1
4	60	-3.45436	-1
0	56	-2.99361	-1
0	52	-3.46802	1
0	48	-4.99277	-1
0	96	-15.5675	-1
0	92	-21.4256	0
72	88	-19.7403	1
68	84	-15.0839	1
64	80	-12.8792	-1
60	76	-15.213	-1
56	96	-23.7286	-1
52	96	-30.453	1
48	92	-25.9134	1
44	88	-19.0181	0
40	84	-12.8486	1
36	80	-6.29708	1
32	76	-5.51172	-1
28	72	-1.65068	1
96	68	7.643295	1
96	64	13.69705	1
96	60	23.3694	1
96	56	31.3233	1
96	52	40.34504	1
96	48	48.32567	1
96	44	56.10962	0
96	40	61.6166	-1
96	36	69.24951	1
92	32	71.39326	-1
88	28	73.94243	1
96	24	75.72319	0
92	20	73.25202	-1
88	16	69.92274	1

84	12	62.83201	-1
80	8	59.9748	1
76	4	56.61802	0
72	0	49.42205	-1
68	0	42.4711	-1
64	0	35.91899	0
60	8	38.11013	1
96	4	45.58683	1
96	0	56.00265	1
96	0	61.66628	0
92	0	60.31139	-1
88	0	64.99617	1
96	0	68.14128	1
96	0	73.1394	0
96	60	73.86055	-1
92	56	72.80207	1
88	52	64.2189	-1
84	48	52.55437	-1
80	44	41.20121	0
76	40	23.67209	-1
72	96	6.186617	-1
68	96	-9.60554	-1
64	96	-25.8495	-1
60	92	-36.1118	0
56	88	-43.6927	0
52	84	-41.0015	1
48	80	-37.6918	0
44	76	-39.3359	0
40	72	-28.6407	1
36	68	-21.3349	-1
32	64	-14.6538	0
28	60	-9.55954	-1
24	56	-7.44566	-1
20	52	-6.66189	-1
16	48	1.183638	1
12	44	4.752249	0
8	40	7.561826	0
4	36	16.9202	1
0	32	28.46284	1
96	28	36.22859	0
92	24	42.31482	0
88	20	42.71612	-1
84	16	48.5027	1
80	12	45.74287	-1
76	8	38.96301	0
72	4	30.43109	-1
68	0	20.86298	-1

64	0	10.23312	-1
60	0	4.181423	1
56	0	-4.35288	-1
52	4	-7.71505	1
48	0	-16.5234	-1
44	96	-26.479	-1
40	92	-31.1772	1
36	88	-35.0931	-1
32	84	-34.9653	1
28	80	-30.2826	1
24	76	-25.0322	1
20	96	-35.5468	-1
16	96	-42.9808	1
12	92	-46.7558	0
8	88	-50.8877	0
4	84	-55.4396	-1
0	80	-58.1109	-1
0	96	-56.9489	1
4	92	-55.6648	1
0	88	-57.4466	-1
0	96	-56.6244	0
0	92	-54.964	-1
0	88	-51.4054	0
0	84	-46.8468	1
0	80	-37.4845	-1
36	76	-31.0544	0
32	72	-24.3224	0
28	68	-25.3681	-1
24	64	-25.8105	0
20	60	-26.0465	0
16	56	-22.9112	1
12	52	-16.0176	1
8	48	-5.21694	1
4	44	4.086285	0
96	40	13.05964	0
92	36	17.19305	-1
88	32	17.21219	-1
84	28	19.67548	1
80	24	22.60569	0
96	20	25.32987	0
96	16	30.51798	1
96	12	35.6948	0
96	8	40.44875	0
92	4	43.4053	0
88	0	41.44186	-1
84	0	38.85292	0
80	0	39.58862	1

76	24	39.15148	0
72	20	37.74857	-1
68	16	35.09845	-1
64	12	30.99878	0
60	8	30.64835	1
56	4	23.8382	-1
52	0	15.84578	-1
48	0	12.53837	1
44	0	11.96205	1
40	0	10.16963	0
36	80	8.940583	0
32	76	6.786885	-1