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Thermo Scientific SII for Xcalibur Method

---- Overview ----
Name: New Instrument Method
Comment:
Run time: 10.000 [min]
Instrument: Vanquish_Flex on h34j7v3
Description:
---- Script ----
initial      Instrument Setup
    ColumnComp.PrehtLeft.ReadyTempDelta: 2.00 [°C]
    ColumnComp.PrehtLeft.TempCtrl: On
    ColumnComp.PrehtLeft.Temperature.Nominal: 40.00 [°C]
    ColumnComp.PrehtLeft.EquilibrationTime: 1.0 [min]
    ColumnComp.PCC.TempCtrl: Off
    ColumnComp.CC.Mode: StillAir
    ColumnComp.CC.ReadyTempDelta: 0.50 [°C]
    ColumnComp.CC.TempCtrl: On
    ColumnComp.CC.Temperature.Nominal: 40.00 [°C]
    ColumnComp.CC.EquilibrationTime: 1.0 [min]
    ColumnComp.Column_A.ActiveColumn: No
    ColumnComp.Column_A.SystemPressure: "Pump"
    ColumnComp.Column_B.ActiveColumn: No
    ColumnComp.Column_B.SystemPressure: "Pump"
    ColumnComp.Column_C.ActiveColumn: No
    ColumnComp.Column_C.SystemPressure: "Pump"
    ColumnComp.Column_D.ActiveColumn: No
    ColumnComp.Column_D.SystemPressure: "Pump"
    SamplerModule.Sampler.DrawSpeed: 1.000 [µl/s]
    SamplerModule.Sampler.DispenseSpeed: 5.000 [µl/s]
    SamplerModule.Sampler.PunctureOffset: 100 [µm]
    SamplerModule.Sampler.WashTime: 5.0 [s]
    SamplerModule.Sampler.WashSpeed: 60.0 [µl/s]
    SamplerModule.Sampler.InjectWashMode: Both
    SamplerModule.Sampler.Pump: "Pump"
    SamplerModule.Sampler.InjectMode: Normal
    SamplerModule.TempCtrl: On
    SamplerModule.Temperature.Nominal: 4.0 [°C]
    PumpModule.Pump.%B_Selector: %B1
    PumpModule.Pump.%A_Selector: %A1
    PumpModule.Pump.%A1_Equate: "%A1"
    PumpModule.Pump.%A2_Equate: "%A2"
    PumpModule.Pump.%A3_Equate: "%A3"
    PumpModule.Pump.%B1_Equate: "%B1"
    PumpModule.Pump.%B2_Equate: "%B2"
    PumpModule.Pump.%B3_Equate: "%B3"
    PumpModule.Pump.Pressure.LowerLimit: 0 [bar]
    PumpModule.Pump.Pressure.UpperLimit: 1000 [bar]
    PumpModule.Pump.MaximumFlowRampUp: 6.00 [ml/min²]
    PumpModule.Pump.MaximumFlowRampDown: 6.00 [ml/min²]
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Instrument Method: AcquireX_DDA_120KResMS1_30KResMS2_100-1100mz_NormHCD_Apex25_LC1step_Excl.method

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Thermo Scientific SII for Xcalibur Method

0.000 [min] Inject Preparation
    Wait ColumnComp.Ready And SamplerModule.Sampler.Ready And PumpModule.Pump.Ready
0.000 [min] Inject
    SamplerModule.Sampler.Inject
0.000 [min] Start Run
    ColumnComp.CC_Temp.AcqOn
    ColumnComp.PCC_Temp.AcqOn
    ColumnComp.PrehtLeft_Temp.AcqOn
    PumpModule.Pump.Pump_Pressure.AcqOn
0.000 [min] Run
1.000 [min]
    PumpModule.Pump.Flow.Nominal: 0.500 [ml/min]
    PumpModule.Pump.%B.Value: 5.0 [%]
    PumpModule.Pump.Curve: 5
7.000 [min]
    PumpModule.Pump.Flow.Nominal: 0.500 [ml/min]
    PumpModule.Pump.%B.Value: 99.0 [%]
    PumpModule.Pump.Curve: 5
8.500 [min]
    PumpModule.Pump.Flow.Nominal: 0.500 [ml/min]
    PumpModule.Pump.%B.Value: 99.0 [%]
    PumpModule.Pump.Curve: 5
9.000 [min]
    PumpModule.Pump.Flow.Nominal: 0.500 [ml/min]
    PumpModule.Pump.%B.Value: 5.0 [%]
    PumpModule.Pump.Curve: 5
10.000 [min] Stop Run
    ColumnComp.CC_Temp.AcqOff
    ColumnComp.PCC_Temp.AcqOff
    ColumnComp.PrehtLeft_Temp.AcqOff
    PumpModule.Pump.Pump_Pressure.AcqOff
```

Method Summary

Method Settings

Application Mode: **Small Molecule**

Method Duration (min): **10**

Global Parameters

Ion Source

Ion Source Type: **H-ESI**

Spray Voltage: **Static**

Positive Ion (V): **3500**

Negative Ion (V): **2500**

Gas Mode: **Static**

Sheath Gas (Arb): **50**

Aux Gas (Arb): **10**

Sweep Gas (Arb): **1**

Ion Transfer Tube Temp (°C): **325**

Vaporizer Temp (°C): **350**

APPI Lamp: **Not in Use**

Use Ion Source Settings from Tune: **False**

FAIMS Mode: **Not Installed**

MS Global Settings

Infusion Mode: **Liquid Chromatography**

Expected LC Peak Width (s): **6**

Advanced Peak Determination: **True**

Mild Trapping: **False**

Default Charge State: **1**

Enable Xcalibur AcquireX method modifications: **True**

Internal Mass Calibration: **EASY-IC™**

Mode: **Run Start**

Divert Valve A

Time (min)	Position
0	1-6

0.5	1-2
10	1-6

Experiment #1 [MS]

Start Time (min): **0**

End Time (min): **10**

Master Scan:

Full Scan

Orbitrap Resolution: **120000**

Scan Range (m/z): **100-1100**

RF Lens (%): **70**

AGC Target: **Custom**

Normalized AGC Target (%): **100**

Maximum Injection Time Mode: **Custom**

Maximum Injection Time (ms): **100**

Microscans: **1**

Data Type: **Profile**

Polarity: **Positive**

Source Fragmentation: **Disabled**

Scan Description:

Filters:

Intensity

Intensity Threshold: **1.0e4**

Dynamic Exclusion

Dynamic Exclusion Mode: **Custom**

Exclude after n times: **2**

If occurs within (s): **3**

Exclusion duration (s): **4**

Mass Tolerance: **ppm**

Low: **10**

High: **10**

Exclude isotopes: **True**

Perform dependent scan on single charge state per precursor only: **False**

Targeted Mass

Mass List

Mass List type: **m/z**
 Time Mode: **Start/End Time**
 Include Intensity Threshold: **True**
 Add Mass List Targets Determined by Xcalibur AcquireX: **True**
 Mass Tolerance: **ppm**
 Low: **3**
 High: **3**
 Set Collision Energy per Compound: **False**
 Perform dependent scan on most intense ion if no targets are found: **True**

Targeted Mass Exclusion**Mass List**

Mass List type: **m/z**
 Time Mode: **Start/End Time**
 Include Intensity Threshold: **True**
 Add Mass List Targets Determined by Xcalibur AcquireX: **True**

Compound	m/z	t start (min)	t stop (min)	Intensity Threshold
	113.963592529297	9.3859936173439	9.99687751687368	216389664
	144.982184057408	0.44152035074234	0.580542299715678	192040104
	124.086906433105	9.1329121486028	9.99687751687368	178299384
	141.958557128906	9.44271848357518	9.99687751687368	173859972
	111.020118713379	9.52562436815898	9.99687751687368	158359248
	110.01992189949	9.45144564863841	9.99687751687368	131441892
	144.982125968299	0	10	123627480
	122.963989257813	9.52126078364054	9.99687751687368	102527952
	391.284088134766	8.03768493490219	8.28203868227005	86899134
	247.166458129883	9.36853989915848	9.99687751687368	85181196
	274.27392578125	4.70400398330688	5.03126305100123	83797200
	570.45703125	6.82028013226191	7.23480811672211	83105112
	113.963704304581	0.455294765599569	1.24815018332799	79838436
	526.430908203125	6.79409946756363	7.25226229982376	77710308
	121.966228082034	0.44152035074234	0.584905900128682	75892218

	182.985042671869	9.55616825180054	9.99687751687368	75703710
	124.086893754851	0	10	71965590
	680.479675292969	9.14163926598231	9.66961871541341	71759448
	614.483215332031	6.80718988335927	7.21735454953511	71660622
	482.404907226563	6.81155298309326	7.2697155848821	70999980
	154.990179451305	9.46453583396276	9.99687751687368	65000706
	685.43505859375	9.13727574901581	9.665255631574	63050394
	496.420654296875	7.03845228509903	7.63624626553853	62662494
	663.453186035156	9.13727574901581	9.63471154925028	61131252
	438.378845214844	6.82028013226191	7.28716974811554	57668718
	146.980318568947	0	10	55788564
	226.951431274414	9.1503660495758	9.79615911798477	53524926
	540.446838378906	6.98609109875361	7.62315563119252	52465578
	184.985473632813	9.50380706545512	9.99687751687368	51203898
	452.39453125	7.06026971495946	7.65806435105006	48943779
	139.987854003906	9.53435081796646	9.99687751687368	48888945
	413.266021728516	8.04204826510747	8.28640225089391	48156498
	721.506225585938	9.12854858395259	9.66961871541341	46840218
	141.958717797393	0.455294765599569	0.611086564826965	46306833
	658.509460449219	6.75919186827342	7.19117320137024	44148792
	301.072784423828	3.25533904787699	3.46914920167923	43065633
	103.955570404319	0.44152035074234	0.728899083105723	41721381
	124.964363098145	9.52998749968211	9.99687751687368	40316982
	193.929931640625	9.7176165675799	9.99687751687368	39290040
	924.26873444678	8.56566303329468	9.01946221745809	37543218
	468.389284971846	6.22685068206787	6.93373008327484	35014158
	394.352541763708	6.04358653383255	7.30462329940796	34281750
	584.473022460938	7.04717931505839	7.59697488304774	34221903
	1037.74645028677	7.52279636618296	8.1162276005427	31941531
	424.363205463893	6.27921248432795	7.02536226666768	31586889

	121.966149517175	0	10	30931914
	512.415344238281	6.53229259805679	6.91627583262126	30620883
	644.493835449219	6.5410190319697	6.85518721497854	29322783
	287.888787436598	9.70016294873555	9.99687751687368	29059902
	408.36829066041	6.61519826806386	7.67115508473714	28851591
	556.441589355469	6.56283685124715	6.90318515059153	28582473
	600.467902704746	6.14394540147781	6.8682779009819	27906741
	125.986213999026	9.4950799003919	9.99251403169632	26341503
	368.425088985438	0	10	25715547
	776.231567382813	8.74020128405889	8.98019099788666	25354857
	302.305389404297	5.16216604865392	5.45888159828186	24748018.5
	443.334289550781	6.84646068172455	7.23917193171183	24378721.5
	115.964027404785	9.40781074918111	9.99251403169632	23943076.5
	165.99089050293	9.50817083276113	9.99687751687368	23432608.5
	1023.76703850223	8.18167969938914	8.88419543263117	23372277
	688.519963956307	6.03485971844991	6.8377334491094	22901385
	158.964019775391	9.30745146827698	9.78743194894791	22900179
	430.913665771484	9.23763510144552	9.76997858441671	22708504.5
	125.986243579383	0	10	22449898.5
	143.958969116211	9.50817083276113	9.99251403169632	22414456.5
	223.988340721578	6.56720026489894	9.99251403169632	22177312.5
	579.15625	3.26842936830521	3.35133569793701	22024935.8903356
	138.980072021484	9.47326284802755	9.99687751687368	21800832
	610.183959960938	8.84056101795832	9.32490486459732	21107658
	702.535707861094	5.90831839796702	7.14753893372218	20983309.5
	850.250305175781	9.31617788232168	9.54307788368861	20609817
	457.349945068359	7.05590618209839	7.59261154886882	20417014.5
	158.153945922852	4.891631767718	5.21016501741409	20415532.5
	977.725219726563	9.10673151569366	9.50380706545512	20179165.5
	963.746107721798	8.6878397679011	9.57362220045725	19994515.5

	103.95553381268	0	10	19952497.5
	1037.74633789063	8.1380448515892	8.46966775016785	19692879
	628.499206542969	7.02972601807912	7.57515758431753	19557055.5
	706.495361328125	9.10673151569366	9.61725691712697	19415248.5
	427.245487418851	7.04717931505839	7.64933706677755	19297494
	144.982116699219	1.67140461759567	6.49738486763636	19063483.5
	101.070877075195	9.1110951836586	9.97506031748454	18555679.5
	1072.30615234375	8.98891800003052	9.56489559965134	18326157
	159.969085693359	9.60853046731949	9.99251403169632	18220327.5
	750.406616210938	8.8492877816836	9.64343836463292	18086626.5
	550.628447158648	0	10	17988969
	105.9537205162	0	10	17987334
	377.326080322266	6.82028013226191	7.30025979833603	17835522
	476.328735351563	8.15113583164215	8.4522137339592	17644759.5
	163.990525786807	7.3788015818278	9.99687751687368	17474055
	338.341735255954	7.13444896694819	8.61802418387731	17362059
	256.263397216797	7.10390403426488	7.3831654683431	17187702
	331.247884817157	4.7694555814743	5.45015479879379	16595394
	355.281944100243	6.84209711707433	7.28716974811554	16224702
	362.926330566406	9.26817991491954	9.77870573358536	15954480
	977.7255859375	8.51330154892604	8.91910265045166	15924961.5
	144.982147216797	9.84852024869919	9.99687751687368	15664686
	702.213084686286	8.2951292649587	8.4740307823499	15635350.5
	763.516540527344	9.16782001810074	9.67834593213399	15535105.5
	380.336992116813	6.27048605041504	7.04281600074768	15415804.5
	498.901184082031	9.1503660495758	9.77434204972585	15415647
	399.250457763672	6.25303203420639	6.50174805081685	15094095
	399.307952880859	6.8595510339419	7.29589631713231	14707807.5
	111.521789550781	9.56925913251241	9.99687751687368	14554963.5
	200.972383178378	6.79409946756363	9.99251403169632	14540314.5

	566.888366699219	9.32926844911575	9.76997858441671	14512981.5
	246.242721557617	4.27202323433558	4.54255678412119	14404068
	126.959838867188	9.52562436815898	9.99251403169632	14356084.5
	182.961791992188	9.43399138209025	9.99251403169632	13781109
	295.22671900615	4.79127281662623	5.45015479879379	13492704
	123.964346979785	0	10	13435360.5
	949.766967773438	7.23480811672211	8.4085793153127	13131933
	140.995681762695	9.59980338172913	9.99687751687368	12978499.5
	111.968330383301	9.64343836463292	9.99687751687368	12859689
	429.261133375139	6.93373008327484	7.51843286511103	12843291
	450.378845214844	6.62392521457672	6.89882183230718	12796254
	429.318554115951	6.22685068206787	7.06026971495946	12790006.5
	110.521582584138	9.55180483417511	9.99251403169632	12672243
	110.521613034526	0	10	12672243
	732.546325683594	6.49302151756287	6.82464358167648	12671850
	149.023254394531	8.05513864911397	8.28203868227005	12637015.5
	159.969134327911	0	10	12608382
	576.410400390625	6.12649178263346	6.475567481486	12589192.5
	172.956283569336	9.665255631574	9.99251403169632	12274672.5
	125.070930480957	9.3379960512797	9.99251403169632	12044507.25
	122.964025093934	0.500978864796956	1.38341696815491	11965371.75
	122.964018015182	0	10	11965371.75
	991.777475215394	7.41807315107981	9.56053149855932	11892275.25
	391.341796875	7.10390403426488	7.66679103132884	11889768
	459.30224609375	8.15549916582107	8.43039683259328	11858762.25
	487.360412597656	6.8595510339419	7.20426405029297	11814860.25
	413.323760986328	7.00354515072505	7.67115508473714	11778929.25
	234.956512451172	9.75252450065613	9.99251403169632	11606445
	620.436584472656	6.09594758507411	6.45811371561686	11599698.75
	501.376220703125	7.06463320013682	7.63624626553853	11500288.5

	532.384338378906	6.15267256654104	6.47993106600443	11460375.75
	193.930039559669	0.50534225063324	0.624176734256744	11367332.25
	421.232482910156	6.23121433413823	6.50174805081685	10969503
	193.929969556977	0	10	10830279.75
	634.875671386719	9.39472065127691	9.76125148293177	10775019
	353.229843725451	4.79563591636022	5.44579126593272	10679534.25
	139.963256835938	9.63034779783885	9.99687751687368	10593208.5
	234.956497154629	0	10	10577286
	709.51461447517	9.22454513467153	9.56053149855932	10571804.25
	125.986358292559	0.43225050128301	0.816168464787801	10167963
	668.618638275489	0	10	10032331.5
	786.532582840259	9.14163926598231	9.69143618501027	9900561
	369.297576904297	7.04717931505839	7.7147889828364	9852734.25
	664.462829589844	6.13958213485082	6.4537505165418	9793808.25
	126.97193145752	9.69143618501027	9.99251403169632	9734229.75
	111.968310260737	0	10	9712467
	702.863037109375	9.40781074918111	9.76125148293177	9672957
	172.976989746094	0.50534225063324	0.942708533573151	9176697.75
	154.966918945313	9.67834593213399	9.99687751687368	9175683
	117.959495544434	9.62598480141958	9.99251403169632	9094755.75
	363.310465494354	6.17448968248367	6.99918138341904	9085995
	672.525573730469	7.02972601807912	7.54025039828618	9073676.25
	427.266603352278	4.54255678412119	5.18834680077235	9062334.75
	746.561947004766	6.31412015117009	7.15626593189239	9056654.25
	628.194519042969	7.86751010176341	8.12495424903234	9054436.5
	271.916473388672	9.79615911798477	9.99687751687368	9034173
	488.358062744141	6.13521843509674	6.46684088465373	8954645.25
	118.52759552002	9.67834593213399	9.99251403169632	8874545.25
	689.523585166378	0	10	8804956.5
	341.26620571904	6.62828875141144	6.98172791557312	8778959.25

	299.257999484268	5.69450874881744	6.03485971844991	8777982
	207.017425537109	9.58671276725133	9.99687751687368	8725751.25
	929.224487304688	8.66165896809896	8.94528348204295	8705675.25
	977.725524902344	7.17808288491567	8.24276784814199	8701398
	665.496032714844	8.38239863471985	8.60929738438924	8635659.75
	665.496033033823	8.09877348499298	8.36494505163829	8517627.75
	105.953720092773	9.01073504842122	9.85724741773605	8508609
	609.339605594994	0	10	8446227
	218.211395263672	3.65241383469899	4.04948725061417	8379748.5
	803.542644290874	8.08568278309504	8.18167969938914	8297695.77318406
	109.022270202637	9.55180483417511	9.99251403169632	8262423.75
	437.193481445313	5.46324488477707	5.77741420027415	8257953.75
	684.202575683594	8.85365131454468	9.30745146827698	8170907.25
	575.41259765625	6.82028013226191	7.19553686536153	8147351.25
	145.9854943604	0	10	8115265.5
	158.002884763062	0.500978864796956	0.624176734256744	8067113.25
	531.386535644531	6.81155298309326	7.15190221624374	8015613.75
	110.019952227646	0	10	7964438.25
	350.326519972644	6.92063891646067	7.27844274994532	7921072.5
	158.961288452148	9.73070706682205	9.99251403169632	7797534
	284.294835315338	7.6842449005127	8.07695591605504	7729857
	110.019905090332	6.87264121529261	8.91037583506902	7678490.25
	141.958599418435	0	10	7670888.25
	131.974212646484	9.665255631574	9.99687751687368	7564308.75
	770.850219726563	9.44271848357518	9.75252450065613	7487031.75
	156.990585327148	9.65216496543884	9.99251403169632	7449542.25
	158.961316637365	0	10	7438687.5
	177.957666077324	0	10	7412574.75
	364.342202977519	7.15626593189239	7.65370054798126	7389974.25
	177.95760196944	9.87033798453013	9.98815093196233	7364069.67573072

	313.237328993023	4.82181654926936	5.44579126593272	7332010.5
	551.631861505669	0	10	7300405.5
	113.963643035347	0	10	7248420
	140.961730957031	9.665255631574	9.99251403169632	7150452.75
	330.336669921875	5.60724024928411	5.8734104648908	7122143.25
	385.292387340109	6.13521843509674	7.01227175153096	7103913
	102.127652609847	0	10	7089423.75
	167.01271349363	9.52126078364054	9.99687751687368	7079190.75
	195.993362426758	9.68707278327942	9.99251403169632	7068915
	126.971912353406	0	10	7059707.25
	250.177734375	4.76072856740952	5.44142759796778	7040309.25
	1005.75680328145	7.9591432507515	9.63034779783885	7012132.5
	165.113425032186	9.32926844911575	9.99251403169632	6931108.5
	216.92268371582	9.17654726661046	9.76997858441671	6881370.75
	125.070887910846	4.54691978451411	8.84056101795832	6880007.25
	112.966743469238	9.65652854995727	9.99251403169632	6835456.5
	619.438720703125	6.754828617541	7.16062911507289	6757032
	101.070863389801	0	10	6720120
	553.389587402344	8.85365131454468	9.16345658458074	6718476.75
	998.287902832031	8.38239863471985	8.9409206167539	6710137.5
	158.961303710938	0.500978864796956	0.733262814648946	6700103.25
	453.167449951172	5.47633521712621	5.77305076675415	6569233.5
	855.205749511719	9.35108599818548	9.46017256733576	6568367.80838933
	1032.79113793548	7.64497336702347	8.1380448515892	6500411.25
	378.334289550781	7.17808288491567	7.30898688392639	6479355.75
	405.284708033249	4.54255678412119	5.17525683399836	6462664.5
	708.488952636719	6.12649178263346	6.43629665133158	6421224.75
	296.256011962891	4.76072856740952	5.0094455655098	6397251
	1051.72598303754	7.29589631713231	8.0333213821729	6387017.25
	319.284231927019	6.31848343369166	6.95991063273748	6334719

	182.98512493138	0.500978864796956	0.611086564826965	6332561.25
	182.985085983084	0	10	6332561.25
	545.402404785156	7.01227175153096	7.61442893501918	6149511
	149.023315429688	6.41011588331858	6.68937693195343	6145448.625
	473.3447265625	6.58465443210602	6.90318515059153	6119559
	149.987915039063	9.665255631574	9.99251403169632	6074313
	279.158996582031	8.05513864911397	8.27331171588898	6006517.5
	123.091668371191	0	10	5992085.625
	151.09647980224	6.89445854978561	7.5053426996549	5980856.25
	158.002829405062	0	10	5950150.875
	110.008575439453	9.68270909941991	9.99251403169632	5933954.625
	317.046722412109	3.26406578378677	3.37751696662903	5842012.71487241
	118.086251113941	7.3788015818278	9.99687751687368	5841760.875
	312.326019287109	8.31258390105565	8.69656676607132	5840668.875
	121.96614074707	1.71940243399938	6.47120381749471	5807436
	444.331970214844	6.17448968248367	6.50174805081685	5773831.125
	522.436401367188	7.12135826505025	7.3788015818278	5757588.375
	421.352203369141	6.8770050819397	7.26535240170161	5757542.25
	838.837524414063	9.46453583396276	9.75252450065613	5743126.875
	604.384462020274	6.64574251728058	9.81361281630198	5709205.125
	154.990239708104	0.487197432486216	0.597996315924327	5656446.75
	230.247848510742	4.77381923354467	5.37161245104472	5649266.25
	517.355285644531	8.18167969938914	8.43039683259328	5619591.375
	211.940505981445	9.87033798453013	9.99687751687368	5608208.75833226
	209.153603647948	5.02689951814016	6.27048605041504	5581843.5
	776.572326660156	6.49302151756287	6.8028262670517	5552121.375
	166.097427368164	9.26381636616389	9.99251403169632	5482939.875
	184.001434326172	9.56053149855932	9.99251403169632	5478179.25
	1077.26147460938	8.85801428314845	9.56489559965134	5470822.125
	126.971769761348	0.500978864796956	0.84671259876887	5466225

	235.169189453125	6.15267256654104	6.39702581720352	5436092.625
	389.268675996687	7.05154261744817	7.52279636618296	5419761.75
	333.299993380271	6.9250027314504	7.35262121515274	5417815.125
	131.929763793945	9.70888998266856	9.99251403169632	5405012.625
	781.187090065065	8.79256201740901	8.92346628265381	5398020.79488144
	387.274161638431	4.54255678412119	5.2537994002978	5390931.375
	151.035202026367	9.68707278327942	9.99687751687368	5322559.875
	297.239947926798	6.62392521457672	7.07335986452103	5314557.75
	281.247439781349	5.70323543306986	6.01304241574605	5304680.625
	965.295471191406	8.68347628272374	8.91910265045166	5274554.625
	153.138602770506	0	10	5265963.75
	330.20361328125	9.42962791678111	9.90960883455277	5247831
	230.139892578125	9.3379960512797	9.99251403169632	5223226.125
	138.995269775391	9.61725691712697	9.99687751687368	5155864.875
	117.981834411621	9.95760668274561	9.99687751687368	5148700.33793945
	131.974243740222	0	10	5140120.125
	279.159057617188	6.43193308270772	6.68064976689021	5104722
	137.98747253418	9.64343836463292	9.99251403169632	5083815.75
	284.331159834464	0	10	5082452.25
	131.961755485209	0	10	5054258.25
	131.961776733398	0.50534225063324	0.567452134259542	5054258.25
	114.964057922363	9.70016294873555	9.99687751687368	5041827
	378.321411132813	6.10467466669083	6.36648136533101	4956947.25
	420.884887695313	9.2987243350029	9.76125148293177	4927246.875
	182.029113769531	0.527828901576996	0.741990265814463	4893498.375
	125.090242185204	0	10	4889934
	247.166488868187	0	10	4885017.75
	131.961712252619	6.22685068206787	9.99251403169632	4822286.25
	228.195816040039	4.76072856740952	5.47197211739222	4802205.375
	554.176025390625	7.46607126550674	7.61006513195038	4759702.5

	311.255664378744	6.61519826806386	7.31335026578903	4731374.25
	111.968361275347	0.500978864796956	0.611086564826965	4708143
	141.958618164063	7.39189186649322	9.35544969793956	4707261.375
	139.982176437996	0	10	4706785.125
	670.467579153852	8.56129961566925	8.82747053461075	4638687
	522.597073616213	0	10	4624757.25
	241.883728027344	9.70016294873555	9.99687751687368	4610237.625
	131.533462524414	9.63471154925028	9.99251403169632	4604372.625
	226.180160522461	4.54255678412119	4.77818219817479	4579222.875
	110.008631376482	0	10	4562140.125
	906.82470703125	9.51253368215561	9.75252450065613	4494842.25
	711.538187171106	7.42243653294245	7.58388476527532	4491272.22399285
	120.968658447266	9.68707278327942	9.99251403169632	4475976.75
	110.02001209296	0.48249441541036	0.576178949642181	4433404.125
	328.915239628809	9.7176165675799	9.99251403169632	4430429.625
	179.03515349605	9.46017256733576	9.83106661793391	4412020.125
	226.951442378334	0	10	4405545.375
	111.020149230957	7.39189186649322	8.44785043156942	4365278.625
	716.551635742188	6.97736449794769	7.43989061670303	4352289.375
	142.959045410156	9.67398256616592	9.99687751687368	4300274.625
	663.465087890625	6.78973598238627	7.19553686536153	4285166.625
	402.357730263031	0	10	4283960.625
	102.01301574707	0.527828901576996	0.619813082186381	4260906
	963.746459960938	7.51843286511103	8.29949293292363	4250628.75
	373.294952392578	5.35415878451665	5.74250685132345	4234565.25
	180.989722290856	9.64780193325679	9.99251403169632	4222960.875
	127.111732270731	7.08208693421682	7.43989061670303	4215328.125
	594.494079589844	7.55770404891968	7.80642193314234	4183176.375
	488.872314453125	9.37290356712341	9.75688788251877	4177553.25
	365.135882552191	6.1657626326561	6.75046476678848	4175002.125

	413.287434693596	5.38470269994736	5.74250685132345	4172601
	121.966049194336	9.83979354855219	9.99687751687368	4148344.125
	291.889674168411	9.68707278327942	9.93142581539154	4141864.5
	463.316715028139	7.07772334969838	7.60133855101267	4123546.125
	371.182861328125	6.68501336730321	6.91627583262126	4119036.375
	152.994857788086	9.86597433245977	9.99251403169632	4103361.75
	159.969141167476	0.487197432486216	1.14779143489202	4100694.75
	161.969467163086	9.56925913251241	9.99251403169632	4023267.375
	473.264495849609	9.31617788232168	9.79615911798477	4007415.75
	318.30029296875	4.84363396720886	5.0487165148735	4005405.75
	195.122656720302	6.89882183230718	7.3788015818278	4000921.5
	531.407592773438	8.87546808478037	9.16782001810074	3988010.625
	482.405028808127	0	10	3972306.75
	540.53515625	7.41807315107981	8.12931791699727	3968447.625
	118.527632567639	0	10	3968104.875
	159.013137817383	0.527828901576996	0.676538166968028	3949601.625
	255.93879699707	9.76125148293177	9.99687751687368	3941959.125
	504.360076904297	8.20349701798757	8.43039683259328	3937914
	369.351745605469	0.50534225063324	0.527828901576996	3916977.33972909
	589.428466796875	7.07335986452103	7.60133855101267	3912355.5
	435.367980957031	7.10826769825617	7.57515758431753	3894504
	752.514770507813	6.08285739974976	6.44938671744664	3861822.375
	158.964009279296	0	10	3855406.875
	345.897542385195	9.50817083276113	9.76997858441671	3845372.625
	118.086240148066	0	10	3844029.375
	109.521545410156	9.68270909941991	9.99687751687368	3840802.125
	113.963676452637	7.60133855101267	9.25072561658224	3839617.125
	112.966753135597	0	10	3832203.375
	111.020152667853	0	10	3820702.875
	347.315673828125	7.04281600074768	7.63188295122782	3819665.625

	375.250427246094	6.46247711734772	6.87264121529261	3781663.875
	130.007970045334	0.500978864796956	0.968889416821798	3698963.625
	177.957691341133	0.50534225063324	0.645993818410238	3689530.125
	230.889907836914	9.70888998266856	9.99251403169632	3667427.625
	415.211513015857	5.03999016838074	5.77305076675415	3659563.125
	198.185211181641	5.58105938193003	5.86468341506322	3633423
	294.938873291016	9.27690644817352	9.76561505155563	3609214.5
	116.971855163574	9.65652854995727	9.99251403169632	3606615.75
	371.153730797752	0.496264200973511	0.554362151590983	3592266.80057282
	790.588134765625	6.70246728417079	7.13444896694819	3590340.75
	526.431206143251	0	10	3567861.375
	149.987958431381	0	10	3548419.875
	405.263387413076	7.12135826505025	7.61879208243688	3548058
	407.336552736277	6.63265185114543	6.99918138341904	3545199
	576.410355989035	0	10	3538623
	553.430805516023	6.8377334491094	7.10826769825617	3537713.25
	285.893449909174	9.75688788251877	9.99687751687368	3536009.25
	122.964023026264	4.84363396720886	7.97223346786499	3536007
	111.020175262497	0.48249441541036	0.597996315924327	3532425
	974.812438964844	9.50817083276113	9.74379789985021	3525435.375
	481.284118652344	8.19476999994914	8.44785043156942	3524044.125
	458.347503662109	6.45811371561686	6.8595510339419	3512069.625
	339.860168457031	9.86161083138784	9.97506031748454	3501398.9266018
	154.990222165786	0	10	3499090.125
	101.508607621797	9.66089211460749	9.98378741499583	3457383.75
	438.3788382151	0	10	3434410.5
	421.251251220703	0.50970589872996	0.532544765440623	3399501.85403593
	624.847045898438	9.43399138209025	9.76125148293177	3391986.75
	512.503723144531	7.26098886486689	7.64060978250504	3383638.875
	620.436565848923	0	10	3375635.25

	103.955505371094	9.85724741773605	9.99687751687368	3363641.625
	736.542358398438	9.22454513467153	9.56053149855932	3363042
	698.498875293606	8.9409206167539	9.36417641795476	3342509.625
	143.95898525579	0	10	3340922.25
	147.9836756941	0.50534225063324	0.56308861729304	3326653.09734683
	465.378509521484	6.85518721497854	7.2697155848821	3318697.5
	119.52783203125	9.65652854995727	9.99251403169632	3313161.75
	140.961708945203	0	10	3303036.375
	213.14608588231	4.41165309902827	4.98326511538823	3302225.25
	132.101906268921	0	10	3290053.875
	282.27910139446	6.09594758507411	6.89882183230718	3286851.75
	114.97147379838	0.48249441541036	1.32669248339335	3276751.875
	181.988098144531	9.68270909941991	9.99251403169632	3259922.625
	218.984187275393	0	10	3231630.75
	413.884851287389	9.54744141654968	9.77870573358536	3225550.5
	174.956573486328	9.69143618501027	9.99251403169632	3224536.5
	532.383973737633	0	10	3223883.25
	147.983672111293	0	10	3218660.25
	336.310868958071	6.39702581720352	6.97736449794769	3218334
	694.495300292969	9.23327161626816	9.4950799003919	3199542.375
	610.342978964856	0	10	3180945
	731.490539550781	9.24199866609573	9.55180483417511	3168090.75
	141.958526611328	3.26406578378677	3.37751696662903	3151384.5
	509.404510498047	6.89445854978561	7.08645016508102	3145060.6875
	556.859619140625	9.40781074918111	9.75688788251877	3136812.1875
	166.097417656302	0	10	3136465.3125
	304.894287109375	9.3859936173439	9.81361281630198	3136387.5
	218.984085083008	9.85724741773605	9.98815093196233	3117107.91263487
	120.968684531205	0	10	3101780.0625
	371.101348876953	7.47916145083109	7.66242755012512	3072619.5

	115.964072391224	0.491560532220205	0.624176734256744	3068896.875
	692.834228515625	9.45580896692276	9.76125148293177	3040541.8125
	186.956198146525	0	10	3023470.6875
	425.287384033203	7.27844274994532	7.47043473478953	3015742.6875
	407.279106020797	6.95554715153376	7.45734408454895	3000627.75
	402.357727050781	5.80795869983037	6.05231324987412	2998124.25
	282.910308837891	9.69143618501027	9.99251403169632	2997755.625
	605.423217773438	6.57156381762822	6.85082373377482	2989295.25
	246.862225929926	9.74379789985021	9.99687751687368	2985346.125
	137.987250623524	0	10	2972397.1875
	651.516779277981	8.85365131454468	9.01073504842122	2933599.125
	443.334241833991	0	10	2930739
	180.989735521904	0	10	2921963.625
	289.177093505859	9.34672269976934	9.99687751687368	2911028.625
	352.897583007813	9.25945265051524	9.76561505155563	2907408.1875
	570.457442426811	0	10	2904165.375
	114.016395568848	9.66961871541341	9.99251403169632	2882501.0625
	1042.79968261719	9.53435081796646	9.74816109892527	2878531.6875
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	561.397033691406	6.55847350117365	6.89445854978561	2866234.5
	414.3212890625	6.46684088465373	6.8377334491094	2857178.625
	481.872253417969	9.52126078364054	9.76997858441671	2853638.4375
	120.023607916902	0.500978864796956	0.702718434302012	2832815.4375
	649.449401855469	6.53229259805679	6.85518721497854	2807668.5
	195.993400966661	0	10	2800766.8125
	437.193373794524	0	10	2798577.75
	410.347572415529	6.33593770023982	6.66319604870478	2782508.4375
	182.985061645508	7.45298069871267	9.40781074918111	2772802.5
	396.331872845388	5.81668596820831	6.35339138266245	2772239.8125
	443.240213887646	6.475567481486	7.07335986452103	2750995.875

	142.966491699219	0.500978864796956	0.820531949965159	2731652.8125
	205.017028808594	9.62598480141958	9.99251403169632	2723910
	517.370849609375	6.53229259805679	6.87264121529261	2717637.75
	464.373474121094	0.50970589872996	0.532544765440623	2698041.19832625
	664.462911963008	0	10	2687980.3125
	355.284393310547	5.50687921600342	5.72505276756287	2686633.875
	479.394012451172	7.14753893372218	7.63624626553853	2685498.5625
	304.299862972448	0	10	2680196.25
	399.21412845304	6.69810353275935	7.31335026578903	2679396.5625
	108.022750854492	9.70016294873555	9.99251403169632	2669704.5
	703.548302636035	8.12495424903234	9.31617788232168	2662285.5
	151.096435546875	6.63701553500493	6.8682779009819	2648062.5
	152.994887966329	0	10	2627823.1875
	299.110137939453	4.41165309902827	4.73018438177109	2616429
	115.122947692871	8.94964715000788	9.87033798453013	2612940.75
	614.483621441684	0	10	2609216.4375
	549.859680175781	9.50817083276113	9.76561505155563	2608160.25
	354.931945800781	9.64343836463292	9.99251403169632	2593882.6875
	195.122650146484	6.60647168315252	6.81155298309326	2593815.9375
	123.964347839355	1.73249284979502	6.46247711734772	2583375.1875
	286.891815185547	9.73070706682205	9.99687751687368	2579981.25
	217.104564607874	0	10	2574482.625
	374.303035485865	7.07772334969838	7.53588693297704	2571709.875
	664.460998535156	9.39472065127691	9.82233991778692	2561302.79072852
	141.983340055756	0	10	2555730
	693.527221679688	8.43475994822184	8.76201834834417	2538421.5
	230.889935313034	0	10	2535218.0625
	707.16845703125	8.33876436707179	8.41294288393656	2534409.75727264
	1000.70147705078	8.6398414985021	9.19836426731745	2531193.5625
	310.310424804688	7.73660590009689	8.46530389941533	2527791.1875

	172.956261538197	0	10	2501190.5625
	325.27132591462	7.22171803471247	7.81951189991633	2493393.375
	139.963339673504	0.500978864796956	0.611086564826965	2490785.8125
	139.963302098813	0	10	2490785.8125
	597.456909179688	6.78537229852676	7.22608161525726	2487748.875
	183.123947143555	9.40781074918111	9.87470098492305	2486451.375
	154.966909966148	0.500978864796956	0.811805349159241	2478273.375
	154.966901006198	0	10	2478273.375
	154.978515625	9.70016294873555	9.99251403169632	2472916.6875
	1015.76461248011	7.64933706677755	8.1162276005427	2467556.4375
	979.732055664063	9.2812702313741	9.52998749968211	2464349.625
	110.520202636719	9.65652854995727	9.99687751687368	2463155.8125
	108.961357116699	9.71325363473892	9.93142581539154	2456767.3125
	415.211402245373	5.95195330139796	9.76997858441671	2456395.3125
	277.910034179688	9.48198993361791	9.79615911798477	2449299.1875
	419.276550292969	6.4537505165418	6.87264121529261	2444965.875
	391.305498696738	5.41524736639659	5.74250685132345	2440935.75
	760.821655273438	9.48635296579997	9.75252450065613	2439913.875
	242.925354003906	9.27690644817352	9.7830687180837	2403047.625
	485.112518310547	7.00354515072505	7.09954054908752	2392104.94568169
	399.307987005225	0	10	2381899.125
	185.114807128906	3.386243166097	4.40292643464406	2371497.75
	166.097396850586	3.71786533352534	8.11186394847234	2369276.625
	130.15902027005	0	10	2367727.3125
	420.331970214844	7.28716974811554	7.4966159995079	2349207.75
	168.013473510742	0.527828901576996	0.868529881604513	2346318.375
	123.967327500052	0	10	2343841.5
	224.988403320313	9.5168974017779	9.99251403169632	2343456.1875
	502.373565673828	6.48429458297094	6.80718988335927	2332573.125
	184.985459851709	0	10	2327240.25

	118.527636251227	0.500978864796956	0.580542299715678	2321692.875
	425.214492451667	6.77664563414256	7.14753893372218	2321154.1875
	366.372924804688	8.56566303329468	8.86237843192418	2312817.9375
	353.219635009766	9.61725691712697	9.99251403169632	2311338.1875
	142.977621898553	9.92269928213755	9.99687751687368	2310814.5
	137.987533135124	0.48249441541036	0.798714933363597	2305612.5
	356.352233886719	7.15626593189239	7.30025979833603	2302498.875
	191.934542967567	9.83106661793391	9.98815093196233	2299599.65746495
	223.988336602206	0	10	2295604.875
	100.50985189486	0	10	2283283.3125
	540.44681860218	0	10	2276987.4375
	828.808898925781	9.49944348491033	9.74379789985021	2276005.125
	693.475769042969	6.50611191746394	6.8377334491094	2273719.875
	123.040275887826	9.82233991778692	9.99687751687368	2270802.07167686
	487.360405425905	0	10	2270001
	155.993600011919	0	10	2269535.8125
	393.219940185547	0.48249441541036	0.532544765440623	2268897.91767442
	149.953028090822	0.44152035074234	0.650357200272878	2267255.0625
	131.974278120931	0.50534225063324	0.615449799664815	2266210.125
	493.313446044922	6.18758016583125	6.5192019001325	2265500.4375
	130.15901184082	9.34235918280284	9.76997858441671	2263467
	331.915954589844	9.65652854995727	9.99687751687368	2262650.8125
	167.033782958984	8.07259283221563	8.18604323225021	2246363.86882854
	496.420670686892	0	10	2245586.4375
	707.4912109375	6.78973598238627	7.11699418382645	2237830.3125
	200.97231642328	0.496264200973511	4.1934811170578	2225478.375
	468.389364399129	0	10	2221147.875
	488.35755373134	0	10	2215912.875
	449.287231445313	6.22248710152308	6.51047504898707	2211510.1875
	645.411193847656	9.31181479848226	9.76997858441671	2208592.875

	419.315734863281	0.50534225063324	0.580542299715678	2207051.25
	227.096740722656	9.08055054899851	9.09800450162887	2205245.12962307
	227.096858610237	0	10	2205239.4375
	405.261016845703	6.20503348267873	6.50174805081685	2195154.375
	132.531143188477	9.665255631574	9.99251403169632	2189569.3125
	288.253326416016	5.47633521712621	5.72505276756287	2185734.1875
	291.906891204424	0	10	2183347.5
	133.959927857404	0	10	2183223.9375
	891.276916503906	9.35981288509369	9.46017256733576	2180173.57700104
	108.96136941409	0	10	2175587.8125
	137.964157104492	9.53871431506475	9.99251403169632	2173056.1875
	149.952805576072	0	10	2157310.125
	394.352610887711	0	10	2157132.375
	1011.79400970838	9.06309718446732	9.32926844911575	2151621.94853604
	1009.71553615953	8.0595021501859	8.92782985127767	2148848.25
	188.457385751102	9.86161083138784	9.93578948335647	2144616.38832338
	125.962196350098	9.70888998266856	9.98815093196233	2137623
	288.921936035156	9.37726656751633	9.7830687180837	2128496.8125
	327.008178710938	5.30179710146586	5.64651109930674	2127534.1875
	709.379455566406	8.91473928448359	9.27254306631088	2126217.9375
	633.454528808594	7.07772334969838	7.61879208243688	2113761.1875
	158.002807617188	9.69143618501027	9.99687751687368	2109175.6875
	130.007938656733	0	10	2104166.0625
	272.258422851563	4.86545133349101	5.12725879904429	2103416.625
	305.899291992188	9.71325363473892	9.99251403169632	2101046.8125
	512.415509251824	0	10	2093056.3125
	178.990585327148	9.52126078364054	9.99251403169632	2088221.0625
	540.446716308594	8.9409206167539	9.79179570035934	2087830.875
	213.11344909668	9.25072561658224	9.99251403169632	2086953.9375
	150.995742797852	9.66089211460749	9.99251403169632	2086513.3125

	140.068161010742	3.23788561579386	3.73968253291448	2085799.125
	239.148854365735	6.8595510339419	7.3264405822436	2078893.3125
	995.735909883981	8.91473928448359	9.32490486459732	2076155.625
	157.988372802734	9.70016294873555	9.99687751687368	2071514.0625
	693.527404785156	8.91037583506902	9.15909303185145	2064858.375
	1018.81159807328	8.29076578375498	8.48275793151855	2057686.40214439
	143.03965135963	0.500978864796956	0.628540314801534	2052787.5
	317.902618408203	9.53871431506475	9.77434204972585	2048790.5625
	452.394500110005	0	10	2047529.4375
	422.290110180817	7.10390403426488	7.59697488304774	2046522
	182.961778715603	0.500978864796956	0.650357200272878	2045514.1875
	182.96175700737	0	10	2045514.1875
	200.200866699219	5.89522731459935	6.94245708144506	2033840.4375
	132.101867675781	9.77434204972585	9.99251403169632	2018829.375
	223.988299941996	0.50534225063324	0.650357200272878	2018244
	159.958090506841	9.87906479991277	9.99687751687368	2016143.89353593
	281.295166015625	5.61596706466675	5.97813445088069	2008642.5
	1032.79089355469	8.22531406637827	8.3082204158783	2008269.77793819
	493.313482408016	0	10	1999096.3125
	116.961898803711	9.70888998266856	9.99251403169632	1996680.5625
	191.934627234808	0	10	1996527
	327.250592526077	6.36648136533101	6.69810353275935	1979738.625
	760.577710622688	7.00790858424505	7.3744385178566	1973410.6875
	248.163833618164	9.43399138209025	9.88779148416519	1973036.4375
	1009.78863525391	9.02818883415858	9.12418533322016	1969878.375
	370.295043945313	6.48429458297094	6.84646068172455	1969577.25
	207.123982383264	9.23763510144552	9.98378741499583	1961167.875
	127.979358695486	0.500978864796956	0.624176734256744	1955812.3125
	972.770457620256	8.59620750106176	8.77074511604309	1951588.81532314
	206.139953613281	9.43399138209025	9.99251403169632	1951025.625

	820.598815917969	6.48429458297094	6.77664563414256	1946487.375
	717.563718817707	7.78024068431854	9.65652854995727	1938505.875
	167.97704621474	0	10	1932301.875
	337.104705810547	5.73814376748403	5.96940743284225	1929966
	349.294887241735	6.35339138266245	6.68064976689021	1926918.9375
	324.287414550781	5.23634539998372	5.45888159828186	1924444.6875
	247.1164855595703	9.39908411658605	9.83979354855219	1920567.75
	290.26904296875	4.8130900835673	5.07926083164215	1915982.625
	133.974655151367	9.665255631574	9.99251403169632	1908190.3125
	304.299835205078	5.96940743284225	6.44502374884287	1904407.3125
	450.321464263559	7.11699418382645	7.6886082148234	1903791.5625
	896.796020507813	9.51253368215561	9.74379789985021	1901962.5
	203.006607055664	9.97069680051804	9.99687751687368	1891368.9668568
	274.273986816406	9.22890859998067	9.90960883455277	1887824.8125
	995.735717773438	8.57875333385467	8.73147428191503	1884934.875
	225.13459777832	9.38163006461461	9.93142581539154	1882623.75
	641.483032226563	6.8333701824824	6.95554715153376	1882445.0625
	183.985549926758	9.87906479991277	9.99251403169632	1871552.0625
	303.883801856878	0	10	1870009.6875
	796.541137695313	6.07413053270976	6.41884286559423	1867800.9375
	972.770629882813	7.43989061670303	8.06822913246155	1866077.625
	189.113433837891	9.25945265051524	9.98378741499583	1865589.75
	708.489191272113	0	10	1863892.125
	361.234924316406	6.23121433413823	6.50611191746394	1861579.3125
	284.294860839844	0.496264200973511	0.5892694647789	1859424.1875
	451.362915039063	6.61519826806386	6.92936649875641	1857686.625
	195.96813620042	9.87470098492305	9.99687751687368	1851821.72615874
	143.959044595673	0.44152035074234	0.615449799664815	1850577
	283.224365234375	6.36648136533101	6.68937693195343	1850321.25
	322.271606445313	6.10467466669083	6.42756970084508	1849517.625

	523.420288085938	7.13881186800003	7.60570211566289	1846539.9375
	205.085861206055	6.38393541730245	6.70683043158849	1844485.125
	130.966400146484	0.500978864796956	0.532544765440623	1843158.1875
	130.96641923905	0	10	1843158.1875
	556.44140625	9.28563364899953	9.80052271839778	1842116.8125
	262.18009043723	9.27690644817352	9.81361281630198	1834469.25
	288.192962646484	9.62598480141958	9.97069680051804	1827557.25
	117.981879386314	0	10	1826175.75
	633.14990234375	7.92423534946442	8.00277741508484	1824835.25870976
	424.363196866692	0	10	1824093
	249.915069580078	9.46017256733576	9.78743194894791	1820952
	502.519287109375	7.02536226666768	9.25508901831309	1820096.625
	711.494079589844	8.61802418387731	8.81874346491496	1819504.125
	111.091623158694	0	10	1812299.8125
	725.517272949219	7.05154261744817	7.31771356817881	1811262.375
	457.349903554893	0	10	1808840.25
	112.017860412598	7.52279636618296	8.36058143135707	1807958.625
	556.441724749986	0	10	1799715.5625
	700.234069824219	8.05077551759084	8.2951292649587	1791120.1875
	972.770141601563	9.16345658458074	9.33363204952876	1778417.34037809
	1051.72595214844	7.04281600074768	7.23480811672211	1776078.1875
	126.95984743769	0	10	1775305.6875
	144.956854936423	0	10	1765535.8125
	589.851989746094	9.54744141654968	9.76125148293177	1764495.375
	277.859954833984	9.76125148293177	9.99251403169632	1752756.375
	358.367950439453	6.02613248186111	6.30102998174031	1745480.0625
	185.983245849609	9.68270909941991	9.99251403169632	1744273.3125
	323.887756347656	9.95324318167368	9.97942376689911	1743219.09885529
	214.917652210763	0	10	1739340.375
	214.917922973633	0.450931498972575	0.48249441541036	1739340.375

	609.339660644531	6.62828875141144	6.90318515059153	1738463.0625
	137.132475623264	3.08080065008799	4.4378338511467	1737484.3125
	366.321401109271	6.32721041596731	6.68501336730321	1733717.625
	502.344421386719	8.21222400026321	8.44785043156942	1733070.375
	282.279110531587	0	10	1730720.25
	139.987999827729	0.44152035074234	0.611086564826965	1713473.25
	429.318525894425	0	10	1713298.3125
	183.961944580078	9.53435081796646	9.99251403169632	1708134.5625
	121.015098571777	9.70016294873555	9.96197036660512	1704936
	117.959508834019	0	10	1704341.8125
	305.268646240234	6.43193308270772	6.57592713193893	1704180.5625
	144.997512817383	0.532544765440623	0.829258948135376	1701895.125
	201.972518920898	9.56489559965134	9.99687751687368	1700800.6875
	272.902191162109	9.67398256616592	9.99687751687368	1698021.9375
	117.979721069336	9.67834593213399	9.99687751687368	1690594.5
	165.11342620585	0	10	1690011.375
	658.509832559284	0	10	1689536.625
	261.130698206523	8.9583737508138	9.9052452659289	1682311.875
	473.264495849609	5.86031993385951	8.1380448515892	1681734.5625
	182.96174621582	6.51047504898707	9.32054163373311	1680134.8125
	355.282020166632	0	10	1676798.625
	282.279113769531	6.97736449794769	8.10750036792755	1675727.25
	295.190399169922	5.49815283374786	5.73377959884008	1675110
	377.229248046875	7.36134785172145	7.64497336702347	1672148.0625
	964.783020019531	9.51253368215561	9.74816109892527	1666458.5625
	200.972338754411	0	10	1660102.875
	153.993286132813	9.69579938408534	9.99251403169632	1649833.6875
	125.082138061523	9.34235918280284	9.98378741499583	1648820.625
	144.956802368164	9.70016294873555	9.99251403169632	1648026
	739.525451660156	9.11982160167694	9.30745146827698	1645772.4375

	147.05290222168	9.2987243350029	9.88779148416519	1641530.8125
	311.185394287109	5.30179710146586	5.52433383223216	1640286
	366.797943115234	9.74379789985021	9.99687751687368	1632843.75
	284.331115722656	5.91268196659088	6.34902763125102	1630966.5
	114.971472913505	0	10	1629972.375
	460.269317626953	5.48069893277486	5.74687006629308	1626330
	172.977355957031	9.70016294873555	9.99251403169632	1624750.3125
	726.4619140625	9.26381636616389	9.49071656621297	1610518.3125
	383.204010009766	6.4406602159818	6.53229259805679	1608069.01712036
	443.219411514387	7.12135826505025	7.54025039828618	1606750.5
	708.489074707031	9.34235918280284	9.82670358177821	1600270.875
	352.321105957031	7.06463320013682	7.23044475075404	1599925.875
	408.368283332616	0	10	1596255
	537.33968723285	0	10	1594058.4375
	261.109732211667	4.62546188192368	4.91344896710714	1579943.0625
	140.068222045898	9.49071656621297	9.94015286521912	1579482.375
	153.959030151367	9.69143618501027	9.99251403169632	1578533.625
	277.216156005859	5.17525683399836	5.44579126593272	1573808.8125
	141.113487315146	0	10	1573484.625
	301.141021728516	6.43193308270772	6.65883259929021	1572063.65625
	143.996765136719	9.83979354855219	9.99251403169632	1565339.90625
	406.329154733074	7.6842449005127	7.84132926619848	1564594.3125
	138.479965209961	9.97506031748454	9.99251403169632	1563649.94519586
	354.285034179688	5.74687006629308	5.84722986774445	1563218.36149481
	203.00663781989	0	10	1560098.625
	335.279275487302	5.86904683268865	6.38393541730245	1559808.375
	961.802978515625	8.84056101795832	9.55180483417511	1550701.6875
	584.473064567703	0	10	1549287.28125
	128.957397460938	9.70452648159663	9.99687751687368	1547784.28125
	537.339721679688	6.1701261496226	6.47993106600443	1546300.03125

	432.280334472656	3.18552409963608	3.44733186718623	1544518.21875
	440.869354248047	9.4950799003919	9.7830687180837	1544002.875
	181.927749633789	9.68707278327942	9.7830687180837	1543928.75993707
	313.234893798828	6.1134016330719	6.22685068206787	1543255.0123211
	600.468115319813	0	10	1542063.5625
	563.466934413614	8.69220348354975	8.82747053461075	1537337.35746785
	102.033767378974	0	10	1533420.75
	161.995086669922	9.67834593213399	9.99687751687368	1525648.40625
	1003.24353027344	8.48712106701533	8.74892776565552	1525120.875
	184.985382080078	0.446216282812754	0.611086564826965	1524570.46875
	244.190704345703	4.56001016454697	4.77818219817479	1517436.84375
	258.279083251953	5.24943586743673	5.48069893277486	1516025.25
	124.964467719363	0.50534225063324	0.602359431552887	1515832.6875
	729.563673772868	7.2697155848821	9.64343836463292	1514400.375
	140.068283081055	7.4311635152181	7.76278656479518	1513901.90625
	991.705585591507	8.43039683259328	9.52126078364054	1512742.5
	207.123962563746	0	10	1511834.625
	112.017877169936	0	10	1510869.65625
	703.453979492188	9.13727574901581	9.32054163373311	1510819.40625
	217.906500492671	9.91397235151927	9.97942376689911	1509027.99761769
	625.392211914063	7.43989061670303	9.77870573358536	1508802
	413.323615666587	0	10	1508725.5
	226.216488030913	0	10	1508113.3125
	194.153864289732	0	10	1507069.40625
	153.997810009374	0.527828901576996	1.47941339966456	1502274
	264.872839727826	9.75252450065613	9.99251403169632	1499608.21875
	476.306396484375	3.31206456578573	3.51278358456294	1499062.875
	440.358178391412	5.85595696525574	6.37084493395487	1495165.3125
	531.386659913937	0	10	1495066.40625
	143.996821068193	0	10	1493145

	446.887420654297	9.43399138209025	9.75688788251877	1493050.6875
	427.389373779297	0.496264200973511	0.532544765440623	1486724.62582759
	173.078384399414	0.667811268138886	0.995070415306091	1482099.375
	559.131353106683	7.48352484858831	7.57952163375219	1476694.88801477
	128.019180297852	9.75252450065613	9.99251403169632	1474821.65625
	1015.76422119141	8.1380448515892	8.33440119978587	1473080.625
	370.24609375	9.72197993354797	9.99687751687368	1471694.34375
	238.907302856445	9.59543990052541	9.82670358177821	1466618.53125
	155.974562842232	9.58671276725133	9.99251403169632	1463172.84375
	559.517136301186	9.1503660495758	9.63471154925028	1462868.4375
	287.888946533203	0.532544765440623	0.571815516122182	1461157.3125
	449.287317662572	0	10	1461084.9375
	393.297454833984	8.04641194896698	8.23840416825612	1459251.84375
	1046.77060564124	7.06026971495946	7.97659696496328	1458355.03125
	445.235058286954	6.96427430070241	7.50097950057983	1454861.0625
	314.849578857422	9.70452648159663	9.99251403169632	1454702.4375
	944.811828613281	7.50097950057983	8.19913343346914	1453068
	394.329010009766	6.23557786699931	6.46684088465373	1452280.3125
	239.148864746094	6.60647168315252	6.84209711707433	1451895.46875
	309.088317871094	9.56925913251241	9.81361281630198	1450989
	369.263592764069	4.53819301681519	5.15780323502223	1446938.0625
	955.742801803328	8.62238758163452	8.75329125083288	1445648.86830591
	248.900417725585	9.87033798453013	9.98815093196233	1445028.76404522
	200.995651245117	9.7176165675799	9.99687751687368	1437855.09375
	149.023315429688	5.89522731459935	6.15703588482539	1432216.3125
	215.070246300365	0.50534225063324	0.580542299715678	1430135.53125
	215.070265083257	0	10	1430135.53125
	439.78471873802	9.88779148416519	9.98378741499583	1426877.48447452
	200.000396728516	9.71325363473892	9.99251403169632	1424538.75
	559.365417480469	8.20786058263779	8.43475994822184	1424402.0625

	568.566284179688	7.86751010176341	9.31181479848226	1420822.78125
	306.263916015625	5.43270076669057	5.59851315177282	1418697
	432.238159179688	5.44579126593272	5.76432398316065	1417899.1875
	156.990594202199	0	10	1417560.65625
	279.093383789063	4.935266547966	5.17089330113729	1416666.9375
	113.132411642952	8.08568278309504	8.1598625834465	1414928.53607417
	288.892272949219	9.85724741773605	9.99251403169632	1413736.59375
	463.302978515625	6.47120381749471	6.8595510339419	1413679.40625
	118.967300415039	9.67398256616592	9.99251403169632	1412696.71875
	1005.65698242188	8.66165896809896	9.09364093300501	1411526.25
	1018.81144146593	8.5874804989179	8.70965684808095	1399532.4775427
	110.071228088112	0	10	1396665.5625
	125.070941504363	0	10	1396517.15625
	601.47119140625	6.69810353275935	7.00354515072505	1396221.5625
	139.987869262695	8.84492421703339	9.52562436815898	1395643.5
	195.968190153272	0.50534225063324	0.637266816266378	1391850.65625
	140.068197008474	4.85672448234558	6.46247711734772	1391508.1875
	176.949499601548	9.88779148416519	9.97506031748454	1391431.34904359
	627.46728515625	6.57156381762822	6.79846259908676	1389115.78125
	120.014823913574	9.70016294873555	9.99251403169632	1386021.46875
	399.358184814453	0.48249441541036	0.532544765440623	1382610.73062973
	198.087219238281	9.5168974017779	9.89215498126348	1382470.03125
	186.956100463867	0.500978864796956	0.536908047962189	1379799.5625
	675.423095703125	8.6398414985021	8.89292214867274	1379001.46875
	444.330956468449	0	10	1374044.34375
	318.792114257813	9.91833561814626	9.94451648152669	1372451.88560961
	216.922609749398	0	10	1372083.46875
	417.846424404804	9.90960883455277	9.96197036660512	1368993.69407587
	307.899780273438	9.74379789985021	9.99251403169632	1368792.28125
	254.247817993164	9.31181479848226	9.80924941457113	1364711.53125

	737.501892089844	6.54974588311513	6.6501060819308	1357750.47707818
	769.594578081104	8.39985256748199	9.66961871541341	1352386.59375
	473.344732175104	0	10	1348018.59375
	385.292369665287	0	10	1345259.625
	211.940643310547	0.527828901576996	0.689628133742015	1342113.5625
	465.332116915307	6.96863724943797	7.47479793386459	1338782.25
	137.132522583008	4.94399348255793	5.8428668832461	1338610.875
	174.127656598017	0	10	1328507.71875
	422.311295769611	4.57746395028432	4.90472183383306	1326924
	101.011497497559	9.67834593213399	9.99251403169632	1323519.84375
	454.373826064173	6.32284728444417	6.61956166582107	1317354.375
	155.974630108235	0	10	1315905.09375
	621.440087240143	0	10	1312617.5625
	174.127563476563	9.28999723351796	9.79179570035934	1310661.46875
	958.79121157186	8.81001695152919	9.15909303185145	1310274.9375
	717.51433325884	6.02613248186111	6.88573151585261	1309535.15625
	112.966742963989	0.491560532220205	0.624176734256744	1309281.75
	194.115114872964	0	10	1305173.34375
	388.253997802734	3.03716621554693	3.27715644992193	1297014
	271.894287109375	9.73507081823349	9.99687751687368	1296126.09375
	179.092705529408	0	10	1293625.6875
	170.096343994141	6.95991063273748	8.1162276005427	1292653.59375
	722.509948730469	9.49944348491033	9.75688788251877	1292392.78125
	415.302856133003	6.28793970104853	6.68937693195343	1288522.5
	181.988244898464	0	10	1287471.28125
	131.929794278402	0	10	1284741.65625
	1039.31433105469	8.48712106701533	8.72711061792374	1280880.84375
	248.900419235002	0	10	1279471.875
	170.09635925293	8.67911274986267	8.80128979838689	1273859.625
	577.413906717233	0	10	1273791.09375

	274.27403942298	0	10	1270995.75
	352.305694580078	6.11776464935939	6.37957203146617	1268252.25
	100.932093828127	0	10	1268173.875
	238.419825690728	9.8834283844312	9.99687751687368	1267366.97497027
	172.992324829102	0.527828901576996	0.885983365345001	1265927.90625
	268.224731445313	4.33747461792628	4.44219716545741	1263294.28125
	110.520230595068	0	10	1263255.65625
	145.954432604713	0	10	1260972.65625
	346.331634521484	5.26689013398488	5.49378913399379	1260912.375
	1078.30212402344	9.04127933340073	9.47326284802755	1259884.875
	495.38916015625	6.58901753184001	6.89882183230718	1257927.09375
	313.905426025391	9.665255631574	9.90088168141047	1257185.8125
	527.434847093988	0	10	1255497.1875
	539.415213578647	6.60647168315252	6.75919186827342	1254338.90625
	567.446350097656	7.14317593332926	7.50097950057983	1253542.40625
	455.334136962891	6.65883259929021	6.88573151585261	1250623.3125
	271.916484945929	0	10	1248093.65625
	660.54060922061	8.12495424903234	8.24276784814199	1246817.40306892
	180.076675415039	9.45144564863841	9.99251403169632	1246198.96875
	266.172668457031	4.54255678412119	4.77818219817479	1244802.46875
	576.413208007813	6.95991063273748	6.98172791557312	1242786.92459272
	581.36572265625	6.18758016583125	6.48429458297094	1240946.4375
	283.175048828125	6.8770050819397	7.09517706788381	1240870.125
	109.969192504883	9.66961871541341	9.99251403169632	1240358.34375
	145.97919739249	0	10	1240331.8125
	628.499246052601	0	10	1238195.625
	704.639282226563	7.77151358283361	9.63907476819356	1233518.15625
	1040.31481933594	8.49148456808726	8.71402051604589	1230228.65625
	115.122932522134	0	10	1222979.71875
	698.5927734375	8.64856883443197	9.2987243350029	1221957.65625

	752.514980430654	0	10	1221446.15625
	350.266540527344	6.6937404648145	7.01227175153096	1219338.28125
	750.52190581079	9.26381636616389	9.39908411658605	1218521.26076969
	352.193603515625	0.496264200973511	0.532544765440623	1217995.63466653
	1032.77082360545	9.58234948472977	9.72634361740748	1217520.65802259
	263.236846923828	5.79923131621679	6.03485971844991	1216948.59375
	501.376028390731	0	10	1213582.59375
	106.991920471191	0.500978864796956	5.47197211739222	1209986.34375
	371.276772501486	6.32721041596731	6.71119393266042	1207480.21875
	221.99382019043	9.61725691712697	9.93578948335647	1205235.65625
	806.706665039063	8.73583769954046	9.74379789985021	1204513.5
	114.966977774729	0	10	1202870.8125
	930.264765199206	8.72711061792374	8.8492877816836	1202252.53017498
	655.599830831007	7.28716974811554	9.67398256616592	1201525.3125
	583.441101074219	6.59338101701736	6.86391441580454	1201190.90625
	979.732177734375	7.40061894810994	7.70606188135147	1198756.78125
	101.964569091797	9.70452648159663	9.99251403169632	1196582.71875
	179.990646362305	9.82233991778692	9.99251403169632	1194950.71875
	546.39990234375	6.45811371561686	6.79846259908676	1192454.625
	562.540344238281	9.01946221745809	9.45144564863841	1192374.09375
	437.206451416016	6.29666643298467	6.37520851847331	1190385.14146275
	140.961842245253	0.44152035074234	0.833622616100311	1189517.53125
	318.792053222656	9.95324318167368	9.97069680051804	1185679.96985956
	120.023565436295	0	10	1185473.71875
	192.932861328125	9.91833561814626	9.99687751687368	1183967.87095571
	644.4942077583	0	10	1183641.09375
	380.337022017515	0	10	1183603.6875
	162.998125958743	0	10	1183422.5625
	183.080429077148	5.45888159828186	5.72505276756287	1182908.71875
	170.096389770508	8.94964715000788	9.91397235151927	1180402.6875

	203.006591796875	9.91833561814626	9.93578948335647	1180394.98894861
	433.352203369141	6.67192309853236	6.77228213307063	1176490.67660559
	261.148386658888	8.08568278309504	8.16858973261515	1176485.0470641
	364.357358696112	8.14240806655884	8.50457505143483	1175781.75
	174.953346078263	0	10	1174798.59375
	666.463317871094	9.2812702313741	9.3859936173439	1172218.8889206
	575.412888063096	0	10	1171151.0625
	149.987948462561	0.50534225063324	0.615449799664815	1170112.21875
	136.931115786897	0	10	1169069.8125
	743.579387152553	8.12495424903234	9.67834593213399	1167115.96875
	156.138229370117	9.35108599818548	9.93578948335647	1166061.84375
	127.979263305664	9.70452648159663	9.99251403169632	1165831.78125
	200.200873006332	0	10	1163535.28125
	1000.80048955892	8.10750036792755	8.35185521599452	1162165.40625
	648.43115234375	6.57156381762822	6.82464358167648	1161841.21875
	248.86279296875	9.72197993354797	9.99251403169632	1158935.8125
	114.97135925293	9.74379789985021	9.99251403169632	1158521.0625
	665.466449715419	0	10	1153974.46875
	417.846466064453	9.97506031748454	9.99687751687368	1152553.71375416
	587.548767089844	9.31617788232168	9.75688788251877	1151344.40625
	427.266605257925	7.39189186649322	9.58234948472977	1151120.71875
	713.641371873048	7.35698444999059	9.70888998266856	1145900.53125
	140.981988069961	0	10	1142633.34375
	345.227211472609	3.73968253291448	4.42910659866333	1140444.5625
	315.929138183594	9.69579938408534	9.90960883455277	1135902.1875
	288.889251708984	9.94887966470718	9.99687751687368	1133141.73835486
	140.068221460059	0	10	1131782.4375
	660.613403320313	8.40421593345006	9.66961871541341	1129854.75
	377.326120841065	0	10	1129608.9375
	215.128925547121	3.25533904787699	3.34260853287379	1129488.9375

	701.40869140625	9.28563364899953	9.3859936173439	1123889.52542183
	140.97553140886	0	10	1123621.6875
	116.070572029862	0	10	1123080.09375
	308.890149516385	9.665255631574	9.79179570035934	1117467.65625
	683.630859375	7.83260248260498	9.75688788251877	1117136.53125
	453.167205810547	9.44708149986267	9.81361281630198	1116297.09375
	102.535442925901	0	10	1114417.78125
	645.410666026133	6.99045516805649	8.77510854956309	1112424.84375
	262.180077199666	0	10	1111210.875
	739.496320350645	6.02613248186111	6.90754883445104	1110158.8125
	283.263031005859	7.17371984875997	7.38752866741816	1109830.6875
	274.902557373047	9.70016294873555	9.9052452659289	1106769.09375
	452.337097167969	7.31335026578903	7.40934583501816	1104295.44152009
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	604.4052734375	6.57156381762822	6.86391441580454	1102608
	463.13056276023	7.00354515072505	7.06463320013682	1102133.99254004
	115.97924041748	9.73943466501236	9.99251403169632	1101806.71875
	119.957038879395	9.69579938408534	9.99251403169632	1100871.375
	401.287237827173	5.89959110177358	6.35339138266245	1098324.75
	179.990448933112	0	10	1097044.21875
	483.408451773227	0	10	1095879.375
	781.224060058594	8.80565341469447	8.87546808478037	1094546.18813069
	231.123931884766	9.32054163373311	9.93142581539154	1094314.6875
	650.644348144531	7.32207700169881	9.56925913251241	1094284.40625
	405.261064913634	0	10	1093611.5625
	269.208648681641	6.1134016330719	6.22685068206787	1093454.4375
	347.125370044151	6.11776464935939	6.23994134820302	1092054.23159992
	283.263153076172	6.47120381749471	6.76791883465449	1091456.71875
	192.138244628906	4.7694555814743	5.05308016694387	1087359.65625
	571.460797416019	0	10	1083603.65625

	132.003600632148	0	10	1081970.625
	318.886383056641	9.76561505155563	9.99251403169632	1080106.40625
	277.216142571506	4.79127281662623	5.14034896847407	1078722.09375
	163.990493774414	0.50534225063324	0.532544765440623	1077838.15209702
	484.384291512447	5.8908642824173	6.34030081586838	1074705.84375
	748.665649414063	7.33953108148575	9.54744141654968	1074111.1875
	128.019262980704	0	10	1072964.25
	382.316216616731	5.7206894015948	5.94758953409195	1072904.71875
	602.571899414063	7.3264405822436	9.58234948472977	1066387.21875
	625.391906738281	6.12649178263346	6.50174805081685	1065663.1875
	142.961914168388	0	10	1064426.34375
	136.931103308948	9.90960883455277	9.98378741499583	1064004.27592579
	751.517272949219	6.8028262670517	7.13008529898326	1061714.71875
	685.834310582407	9.69143618501027	9.73943466501236	1060916.72098902
	283.175170898438	7.10826769825617	7.47916145083109	1060907.71875
	186.980903143401	0	10	1055152.03125
	230.139972018412	0	10	1054878.65625
	702.53583399109	0	10	1053724.59375
	110.008685917366	0.532544765440623	0.768170517253876	1052862.75
	1001.78486086562	8.59184383309682	8.69656676607132	1052489.46063289
	142.983591280923	9.72634361740748	9.85724741773605	1050277.96875
	237.885069438721	0.487197432486216	0.567452134259542	1048376.24036453
	1037.74660706791	8.59184383309682	9.18527428464889	1046761.03125
	283.263305664063	0.496264200973511	0.536908047962189	1044928.875
	560.379089355469	6.62392521457672	6.88573151585261	1037465.34375
	834.6142578125	6.73737470067342	6.95991063273748	1036920.09375
	156.011993408203	3.26406578378677	3.3644262845993	1036782.88987366
	200.200775146484	9.45580896692276	9.99251403169632	1036452.09375
	533.387697628119	0	10	1034320.125
	166.474760844827	9.80488628304799	9.85288374977112	1033788.20053386

	671.493774414063	6.55410956697464	6.78100929813385	1033759.59375
	100.011006140248	0	10	1033304.25
	850.732971191406	8.33876436707179	9.67398256616592	1033064.53125
	764.573103732788	9.25508901831309	9.3379960512797	1031124.83661424
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	685.509159151709	6.82028013226191	6.92936649875641	1030280.33741604
	149.952728271484	9.76561505155563	9.99251403169632	1029375
	774.252490620424	9.46453583396276	9.60853046731949	1029311.84581786
	226.012054443359	9.68270909941991	9.9052452659289	1028892.46875
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	268.263348934616	9.31181479848226	9.79179570035934	1025688.09375
	338.341760375107	0	10	1025038.59375
	240.232128401547	0	10	1024173.84375
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	276.896635416613	9.86161083138784	9.99687751687368	1023423.89604542
	508.856628417969	9.54744141654968	9.77870573358536	1021127.0625
	151.096405206427	8.28203868227005	8.57875333385467	1020837.09375
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	108.96135657458	0.500978864796956	0.624176734256744	1018257.46875
	372.347106933594	6.22685068206787	6.61083483454386	1017962.71875
	424.896728515625	9.49071656621297	9.76561505155563	1016483.8125
	680.479553222656	7.28280616757075	8.57002661781311	1015970.90625
	167.99849454496	0	10	1015762.21875
	698.592296058157	7.24353523410161	8.60057056503296	1014416.90625
	669.418212890625	7.76278656479518	9.78743194894791	1014367.03125
	137.964208708037	0.50534225063324	0.84671259876887	1012177.3125
	357.956168453186	0	10	1012175.8125
	110.008804437493	0.44152035074234	0.487197432486216	1011305.90625
	234.95659160435	0.50534225063324	0.707082149950663	1011189.55397479
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	536.165139762903	9.47326284802755	9.55616825180054	1010016.59642735
	158.15391301517	0	10	1009145.8125
	355.245513916016	6.44502374884287	6.58465443210602	1008631.59375
	122.969501991621	0	10	1008618.46875
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	669.418151855469	6.1701261496226	6.44502374884287	1003875.1875
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	369.297485268256	0	10	992409.46875
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	298.346770539685	0	10	989354.53125
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	136.931118612132	0.500978864796956	0.654720617898305	986601.375
	927.783996582031	7.64497336702347	8.1380448515892	982421.8125
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	195.930450439453	9.74379789985021	9.99251403169632	978896.34375
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	432.238037109375	5.85159301516215	8.12059074796041	977965.21875
	102.012955458693	0	10	975675.5625
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	643.514098497351	8.42603336728414	8.5176651175499	974751.410382312
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	204.04358200876	3.26406578378677	3.35133569793701	973036.214296151
	117.959539285222	0.491560532220205	0.624176734256744	966661.96875
	582.862487792969	9.49944348491033	9.76125148293177	964594.03125
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	127.972131508712	0	10	944957.4375
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	101.508636836746	0	10	917010.09375
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	457.3037109375	6.29230286833445	6.51483833150864	915789.1875
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	576.844036858605	9.60853046731949	9.76561505155563	908308.670806489
	950.770751953125	8.1162276005427	8.36494505163829	907816.5
	134.039276123047	0.527828901576996	0.733262814648946	906562.125
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	536.165245493913	0	10	885600.5625
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	252.876312255859	9.41217446482976	9.76125148293177	884929.6875
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	460.268651152356	0	10	883474.5
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	692.457275390625	6.52792879896164	6.81155298309326	879223.125
	202.216552734375	4.34620148496628	4.44656083342234	879178.40625
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	466.410344873797	7.34825765050252	7.83260248260498	866527.3125
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	392.345184326172	7.33080418265661	7.53588693297704	864449.15625
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	190.993017773423	0	10	854853
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	745.5057780989	9.25945265051524	9.35544969793956	854613.828172124
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	153.032800615186	9.91397235151927	9.99687751687368	836576.385441369
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	168.963241577148	9.97069680051804	9.98815093196233	833448.79860932
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	235.959823608398	9.95324318167368	9.98378741499583	831905.966903633
	397.294677734375	6.50174805081685	6.90318515059153	831637.3125
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	136.021543454218	0	10	828084.75
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	321.263427734375	5.82104900039037	5.93449923353195	817932
	344.227905273438	2.79717648185094	3.63932364937464	817872.46875
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	138.102547747544	9.32926844911575	9.78743194894791	797085.09375
	232.96110534668	9.97069680051804	9.99251403169632	796377.140253006
	209.15364074707	4.51201214946111	4.78690921621323	796190.25

	343.295501708984	4.88290513512293	5.06617036816279	793557.46875
	454.292730657309	8.08568278309504	8.1598625834465	793102.654419728
	399.122772216797	0.496264200973511	0.532544765440623	792617.652076531
	878.282379535103	9.36417641795476	9.43399138209025	791415.690179406
	473.2646484375	5.48069893277486	5.81232241547902	791126.8125
	178.9906343245	0.500978864796956	0.772534248797099	790585.59375
	715.548408307598	7.16062911507289	8.75765530026754	789919.5
	848.270876817455	7.39189186649322	8.44348720070521	789478.5
	135.066536796304	0	10	788896.6875
	1000.79998779297	8.9714642182668	9.27254306631088	788813.8125
	181.927632104854	9.62162091490428	9.67398256616592	787684.399885851
	139.017918959017	0	10	787425
	408.310913085938	0.50970589872996	0.532544765440623	787297.109130806
	1001.78216552734	8.33440119978587	8.36930836594899	784966.504205614
	341.266198599558	0	10	784097.671875
	199.169246955908	3.66114086465836	4.27202323433558	783588.890625
	147.052878379382	7.3831654683431	8.12059074796041	781859.953125
	231.143294362579	0	10	781703.671875
	213.113356482674	0	10	779813.296875
	150.995791284078	0	10	778038.140625
	170.960891723633	9.75688788251877	9.99251403169632	777096.703125
	650.849792480469	9.52998749968211	9.74379789985021	776075.390625
	528.410497588536	6.03049605048497	6.32284728444417	775806.328125
	376.318437100932	6.82028013226191	7.09954054908752	775536.234375
	492.884338378906	9.63471154925028	9.76125148293177	775239.314374236
	109.075971338103	0	10	775043.390625
	238.927555047688	9.94887966470718	9.99251403169632	774718.989566981
	100.956732445248	0	10	774221.109375
	247.943475934662	0.500978864796956	0.597996315924327	773311.6875
	211.94052214511	0	10	773275.96875

	605.511147271428	8.36930836594899	8.41294288393656	772939.136888117
	161.99740976136	0	10	772678.59375
	561.397143882672	0	10	772633.078125
	464.722225643435	9.87906479991277	9.99687751687368	772315.624109755
	133.930155393915	9.80488628304799	9.88779148416519	770517.216043552
	110.521575927734	3.29461060123444	7.54025039828618	769289.53125
	231.123940455189	0	10	768946.265625
	713.444580078125	9.07182431774139	9.78743194894791	768271.5
	155.97883605957	9.76561505155563	9.83106661793391	767927.150907887
	644.831176757813	9.68707278327942	9.76125148293177	767007.273480929
	531.274108886719	7.2697155848821	7.48788861589432	764134.96875
	200.924689026125	0.500978864796956	0.615449799664815	762861.84375
	150.988128662109	9.72634361740748	9.99251403169632	762617.390625
	460.268981933594	6.17448968248367	8.10750036792755	761563.5
	126.989585380747	0	10	760733.8125
	515.357788085938	6.20067000147502	6.47993106600443	759465.515625
	326.920013427734	9.75688788251877	9.99251403169632	757727.578125
	310.235321044922	5.50251619971593	5.61160363512039	757618.6875
	410.855987548828	9.45144564863841	9.74816109892527	756469.40625
	167.012750843899	0.491560532220205	0.602359431552887	756241.078125
	420.404432042311	8.41294288393656	8.50893844919205	753491.93773556
	126.967376708984	9.70452648159663	9.92269928213755	753139.546875
	371.227264404297	6.86391441580454	7.13881186800003	752452.40625
	350.114990234375	9.58234948472977	9.81361281630198	752047.78125
	625.314147949219	9.47326284802755	9.82670358177821	751873.21875
	350.326468246664	0	10	751501.734375
	295.880676269531	9.75688788251877	9.77434204972585	751220.251258314
	546.830749511719	9.4950799003919	9.74816109892527	750875.8125
	122.96403503418	8.11186394847234	9.29436069882711	749601.796875
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	414.405395507813	7.19117320137024	7.26098886486689	748299.471718824
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	134.988922119141	9.95760668274561	9.98815093196233	744144.969274648
	408.310683235369	0	10	743149.078125
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	112.006202236429	0	10	740776.96875
	362.926340162587	0	10	739421.484375
	241.402587890625	9.95760668274561	9.97942376689911	739394.661611052
	564.35888671875	3.44296841777166	3.6567773516655	739014.65625
	115.962015053121	0	10	738776.15625
	109.995702106813	0	10	738266.765625
	581.365949483037	0	10	738152.25
	430.388946533203	6.22248710152308	6.35775498307546	737994.5625
	541.450806003348	0	10	737966.390625
	152.036056518555	9.90088168141047	9.91833561814626	736388.777074827
	139.017847167523	9.94451648152669	9.98378741499583	736038.430216838
	296.965576171875	9.9052452659289	9.92269928213755	734181.566298244
	804.604187011719	7.05154261744817	7.35262121515274	733478.71875
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	353.22998046875	7.44425411777496	7.56206761754354	730537.6875
	108.506871086849	0	10	730338.84375
	724.608152582728	7.48352484858831	8.77510854956309	729458.90625
	107.966740535563	0	10	728486.671875
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	199.126051699148	0	10	726906.796875
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	137.964170877852	0	10	726164.859375
	1073.81823513558	7.6842449005127	7.81078503287633	725208.577028083
	339.250447544543	5.7206894015948	5.99995165026983	724724.34375
	437.193481445313	5.20580115076701	5.45888159828186	724299.5625

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	152.036037049242	0	10	723036.84375
	605.511413574219	8.41730644858678	8.46530389941533	722525.369138219
	716.551408162931	0	10	721944.796875
	129.979096257643	0	10	721285.96875
	363.253112792969	7.57079409914017	8.09441040115356	720819.328125
	537.149597167969	7.49225226796468	7.55770404891968	720308.218301802
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	189.113418958494	0	10	717615.328125
	332.331176757813	5.97377096570333	6.15267256654104	717099.9375
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	657.839756310055	9.64780193325679	9.72634361740748	715704.066193374
	322.295227050781	6.43193308270772	6.53665594813029	714227.324976417
	688.520219160119	0	10	710911.640625
	392.388549804688	8.63111476656596	8.67474958257675	709956.344901548
	422.383819580078	6.94682016528447	7.13881186800003	709199.484375
	176.95388954075	9.73070706682205	9.83979354855219	709182.557436882
	504.498474121094	8.71402051604589	9.06309718446732	709126.59375
	312.326018292412	7.89805468476613	8.2296775674502	708735.28125
	761.589574157855	7.37007498499552	9.28563364899953	706820.671875
	672.525509390839	0	10	706285.125
	336.325972799706	6.81155298309326	7.11699418382645	705240.75
	153.948637898191	0.500978864796956	0.689628133742015	704321.671875
	363.253021240234	0.496264200973511	0.532544765440623	703829.578125
	753.51856006067	0	10	703812.328125
	248.169808199136	0	10	703099.734375
	228.19575980953	0	10	702358.453125
	157.973815447109	0	10	701484.421875
	326.378051757813	6.17885291732152	6.40138938185374	700520.765625
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	240.193374633789	3.73531905171077	4.05385063247681	699875.203125
	513.419268123151	0	10	699283.359375
	574.394865568761	8.05077551759084	8.09441040115356	698756.012657821
	310.310422908706	5.39779276606242	6.87264121529261	698383.96875
	722.504455566406	6.41884286559423	6.66755958156586	698053.21875
	212.200822002392	0	10	697922.015625
	178.990654513485	0	10	697364.484375
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	736.483703613281	6.47993106600443	6.80718988335927	695837.8125
	821.809258599788	9.62162091490428	9.7176165675799	695499.093433656
	295.226790975172	4.32002131697337	4.76509223140081	695303.8125
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	331.002258300781	5.32361448364258	5.6203302160581	694734.515625
	172.133176089733	0	10	694588.21875
	115.979289947481	0	10	693674.90625
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	226.911801054327	9.91397235151927	9.95324318167368	691650.229172369
	436.342082270599	0	10	690896.765625
	166.946594238281	9.93142581539154	9.95324318167368	690378.145829534
	295.870666503906	9.77870573358536	9.99687751687368	689078.578125
	153.948502923198	0	10	688833.46875
	589.428608653624	0	10	688438.125
	514.39482043973	5.70759904937744	5.92140906807582	688224.234375
	1041.73310264767	8.88419543263117	8.97582771536509	687970.553723427
	152.036010742188	9.92706273155212	9.94451648152669	687480.703125

	432.237823486328	9.32926844911575	9.59107645111084	687395.015625
	247.166488970631	0.50534225063324	0.602359431552887	687245.4375
	379.305389404297	6.12649178263346	6.2748490825971	687206.578125
	227.164184570313	4.53819301681519	4.79127281662623	687006.28125
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	169.045824000821	9.87906479991277	9.93578948335647	683212.979649834
	469.392858182799	0	10	683100.984375
	491.405334472656	6.66755958156586	6.754828617541	682360.945233901
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	299.258026123047	6.61083483454386	7.18244629856745	681969.328125
	148.086929658545	0	10	681680.4375
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	111.009521484375	9.90960883455277	9.92706273155212	679151.670247031
	134.988922119141	9.92269928213755	9.94451648152669	678479.295626899
	185.117156982422	5.14907593485514	5.42833751595815	677905.96875
	646.59814453125	7.00790858424505	8.57002661781311	677744.15625
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	163.990478515625	3.32079108314514	6.88136801478068	676119
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	607.32373046875	7.27844274994532	9.76997858441671	674265.421875
	607.324071295125	0	10	674265.421875
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	300.289611816406	6.77664563414256	7.01227175153096	672625.546875
	130.966369628906	3.24661253449122	4.73891138391495	672119.296875
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	284.910736083984	9.72197993354797	9.82670358177821	671201.671875
	148.953346434226	0.500978864796956	0.69399180170695	670858.921875

	112.006141662598	9.94451648152669	9.96197036660512	670134.378053901
	591.386575829067	6.89009504871368	6.98172791557312	669497.155974024
	227.125350952148	4.61673478441238	4.90035884933472	669347.671875
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	112.006187438965	9.89215498126348	9.93578948335647	668010.961725558
	453.167308803235	0	10	667747.3125
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	110.541436045066	0	10	667131.609375
	250.118530273438	5.55051421480179	5.64651109930674	666808.344865447
	491.182861328125	6.97736449794769	7.20426405029297	666681
	124.955863952637	0.523128781286875	0.881620066928864	666351.75
	472.326629638672	6.68064976689021	6.8377334491094	666256.3125
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	191.934768676758	0.527828901576996	0.615449799664815	664133.484375
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	140.981002807617	9.83979354855219	9.86161083138784	663485.209363807
	126.959910538601	0.50534225063324	0.593632500934601	661645.640625
	132.003540039063	9.97069680051804	9.98815093196233	661514.918111924
	113.107365026793	0.44152035074234	0.580542299715678	661437.984375
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	817.258117675781	8.80128979838689	8.86237843192418	655900.902003664
	152.477416761933	0	10	655225.6875
	181.979370117188	0.50534225063324	0.759444083340963	654637.96875
	241.40299987793	9.91833561814626	9.94451648152669	653860.701873174
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	115.962127685547	9.96633336699804	9.98378741499583	651043.573722737
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	851.251098632813	9.44708149986267	9.51253368215561	637189.013850946
	109.978652954102	0.527828901576996	0.615449799664815	637028.4375
	337.864776611328	9.91833561814626	9.94015286521912	636646.83676465
	301.075317382813	4.94835686839422	5.14034896847407	635390.859375
	410.373992919922	7.08645016508102	7.19117320137024	634681.125
	669.418222155867	0	10	634576.125
	357.8765556396484	9.78743194894791	9.81797658360799	634228.745227155
	127.979361504685	0	10	633243.703125
	471.331298828125	6.20939699964523	6.48865798470179	632589.9375
	665.568908691406	8.66165896809896	9.72197993354797	632490.609375
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	185.117172241211	4.8130900835673	5.0574432150205	631383.1875
	247.94321426626	0	10	631135.640625

	391.284140331195	0	10	630943.734375
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	284.294761762643	0	10	630352.5
	247.943163666894	9.89215498126348	9.99687751687368	629916.716025737
	391.284393310547	0.491560532220205	0.536908047962189	628971.046875
	290.268951416016	4.38983584798177	4.472741883564	628951.061461757
	705.642700195313	8.04204826510747	9.53435081796646	627795.140625
	523.469360351563	9.35544969793956	9.73943466501236	627560.4375
	275.257995605469	6.74610171473821	6.84646068172455	626436.787698861
	214.21647644043	6.44938671744664	6.5410190319697	626206.875218328
	910.623962402344	8.15113583164215	8.31258390105565	625872.813589261
	370.793579101563	9.79615911798477	9.82233991778692	625284.034397456
	978.729064941406	8.22531406637827	8.53075539824168	624786.140625
	104.958890944815	0	10	624329.625
	300.289703369141	5.31052390095393	5.55487818476359	623842.453125
	204.940875090836	9.76125148293177	9.98378741499583	623791.265625
	209.920392264449	9.96197036660512	9.99687751687368	623574.733438054
	427.305145263672	6.22685068206787	6.50174805081685	623129.25
	284.206779412779	0	10	621770.8125
	153.032730102539	9.87906479991277	9.90088168141047	620630.286541076
	286.310516357422	5.27998014844258	5.40651993509928	620289.46875
	598.489685058594	0.50534225063324	0.527828901576996	620076.480297836
	376.318598108841	7.2697155848821	7.81078503287633	619750.921875
	194.117462158203	0.707082149950663	0.859802700646718	619519.5
	166.946563720703	9.96633336699804	9.98378741499583	619435.634464059
	158.096405029297	8.73583769954046	8.82747053461075	619326.328125
	199.987740608745	0	10	618904.125
	338.34188872863	0.487197432486216	2.89317288157145	617643.421875
	458.353607768296	0	10	616927.734375
	160.974583248295	9.8834283844312	9.99251403169632	615594.094783393

	163.075332641602	6.2748490825971	6.51483833150864	614804.90625
	764.520181569542	9.44708149986267	9.66089211460749	614742
	375.211761474609	5.17525683399836	5.29743393417994	614518.96875
	282.279144287109	0.478131001758575	2.30410634832382	614154.46875
	456.353139578922	5.41961081581116	5.73814376748403	614072.90625
	340.282165527344	4.85236093358994	4.92654001471202	613156.093722359
	349.183929443359	0.446216282812754	0.48249441541036	612907.297341282
	399.271697998047	6.4537505165418	6.53229259805679	612401.63427914
	682.804870605469	9.51253368215561	9.74379789985021	612217.875
	251.046731369039	6.98609109875361	7.06026971495946	611305.993779538
	188.000376037848	7.15190221624374	7.22171803471247	610209.209201499
	136.061782836914	0.500978864796956	0.624176734256744	609490.03125
	158.986040593769	0	10	608914.3125
	494.441558837891	0.50534225063324	0.527828901576996	608159.105479114
	363.310492434251	0	10	607070.015625
	518.368208413299	7.7147889828364	7.78460374828974	606856.242308995
	168.98974609375	9.77434204972585	9.80488628304799	606717.466315786
	608.38525390625	3.50842005170186	3.59132565018336	606408.137347627
	299.258148193359	0.50534225063324	0.536908047962189	606381.9375
	198.0009765625	0.48249441541036	0.637266816266378	606019.828125
	153.993321577765	0	10	605994.140625
	120.96875	0.50534225063324	0.532544765440623	605992.033340798
	393.321075439453	6.42320638256073	6.52792879896164	604472.765625
	158.117530520735	0	10	603609.28125
	955.743896484375	7.70606188135147	7.93732603149414	603331.640625
	659.512878417969	9.04127933340073	9.73070706682205	603146.578125
	299.889526367188	9.72634361740748	9.96197036660512	602829.703125
	140.995775902256	0.44152035074234	0.624176734256744	602379.609375
	871.179755759785	9.36853989915848	9.42962791678111	602007.720924411
	715.519897460938	6.54538260059357	6.63265185114543	599849.603918073

	135.080420468943	0	10	598980.984375
	560.871444032891	9.665255631574	9.7176165675799	598826.343813686
	291.195526123047	3.74840953505834	4.2152983681043	598666.3125
	176.971821720003	0.527828901576996	6.91627583262126	598543.078125
	676.42626953125	6.29230286833445	6.56720026489894	598375.734375
	572.436807771046	5.82977609790166	6.34466431694031	597943.03125
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	266.873253741173	9.76125148293177	9.80924941457113	596461.110249993
	158.09635925293	9.31181479848226	9.81361281630198	596358.234375
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	734.526916976791	9.2812702313741	9.31617788232168	595263.337820815
	849.2724609375	7.35698444999059	8.11186394847234	594504.984375
	125.986099243164	8.75329125083288	8.92782985127767	594401.53125
	796.541434826822	0	10	593431.171875
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	159.967407226563	9.35544969793956	9.76125148293177	592103.8125
	235.913058353282	0.50970589872996	0.549998217391968	591747.987638763
	395.356064635795	0	10	591457.5
	109.022277832031	3.32079108314514	6.77228213307063	591173.0625
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	452.3370305657	6.97736449794769	7.16062911507289	590741.578125
	226.954391479492	9.94451648152669	9.97506031748454	590501.308591061
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	507.328826904297	6.50174805081685	6.84646068172455	587616.140625
	558.420858362477	5.71632606741587	6.03485971844991	587305.828125
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	205.195050310364	4.89599533236821	5.45888159828186	586118.25
	138.980086911243	0	10	585896.109375
	139.017852783203	9.89215498126348	9.93578948335647	585739.065238453
	436.305704359556	7.11263113177617	7.3264405822436	585697.640625
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	635.412414550781	6.86391441580454	7.13008529898326	585311.25
	143.996871948242	0.50534225063324	0.532544765440623	584081.25
	839.841452246974	9.56925913251241	9.62598480141958	583653.672650105
	490.343994140625	8.22531406637827	8.25585801757177	583136.384621412
	213.946228027344	9.76561505155563	9.86597433245977	583102.40625
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	411.265747070313	7.92859903332392	7.98096045014063	581606.125641826
	195.993209838867	0.50534225063324	0.532544765440623	581429.859375
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	785.538028292189	9.30745146827698	9.35981288509369	579924.438878315
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	258.242648082047	6.11776464935939	6.32721041596731	575351.296875
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	138.480041503906	0.527828901576996	0.602359431552887	573446.109375
	585.47632255915	0	10	573417.09375
	140.995714555039	0	10	573116.671875
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	218.925735473633	9.96633336699804	9.98815093196233	571851.910812861
	149.082170713944	0	10	571777.5
	318.850463867188	9.75688788251877	9.77870573358536	571413.150185949
	540.889343261719	9.50380706545512	9.75252450065613	571170.1875
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	145.035235464531	0	10	569655.421875
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	134.988876342773	9.88779148416519	9.90960883455277	566220.639604605
	130.958441018516	0.500978864796956	0.611086564826965	565990.160431471
	519.138851219752	7.4966159995079	7.56206761754354	565946.764368309
	160.964375207022	9.91833561814626	9.99687751687368	565398.832555868
	283.175079345703	2.38701171633403	3.29024703261058	565249.03125
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	234.933205006919	0	10	564432.65625
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	311.895660400391	9.76997858441671	9.79615911798477	561616.617636942
	136.979678809359	0	10	560314.359375
	151.035248394158	0	10	560239.03125
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	291.101654052734	0.50534225063324	0.532544765440623	559851.333117432
	737.515630991867	0	10	559430.296875
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	230.433731079102	9.96633336699804	9.98815093196233	558106.504138673
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	234.933197021484	9.97942376689911	9.99687751687368	556695.595945725
	124.967427519829	0.500978864796956	0.650357200272878	556330.453125
	124.967604996013	0	10	556330.453125
	181.032943725586	0.527828901576996	0.624176734256744	555622.133930483
	161.969527850124	0	10	555402.890625
	712.818720184315	9.62162091490428	9.76561505155563	555226.75108245
	109.995712280273	9.90088168141047	9.91833561814626	554916.771921801
	647.458557128906	8.9583737508138	9.22890859998067	554902.21875
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	307.187896728516	5.60724024928411	6.46247711734772	554592.84375
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	131.929803223773	0.50534225063324	0.637266816266378	553657.96875
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	533.350381262824	7.64060978250504	7.71915208257039	551135.407699734
	1029.74206542969	7.80205780026118	7.92859903332392	550803.9375
	198.18522644043	4.53382961508433	4.65164251483281	550076.484375
	152.903625488281	9.95760668274561	9.98378741499583	549194.934666901
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	608.876885423662	9.67398256616592	9.74379789985021	548620.814310113
	471.365608947451	7.39189186649322	7.80642193314234	548010.421875
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	759.520202636719	9.30745146827698	9.3379960512797	547547.427996699
	954.650538993544	8.12495424903234	8.19913343346914	547402.732311825
	303.883628962269	9.83543038126628	9.88779148416519	547289.466389302
	456.838201365729	9.65652854995727	9.75688788251877	546821.790160882
	147.971157861311	0	10	546690.84375
	503.347595214844	8.21658711589177	8.26022186832428	546122.238677993
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	209.190002441406	5.35415878451665	5.55487818476359	544981.640625
	125.070922851563	0.455294765599569	1.14779143489202	544854.84375
	872.831605791232	9.66961871541341	9.71325363473892	544796.915646353
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	117.981842041016	0.50534225063324	0.532544765440623	542700.375

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	355.876195285703	9.73070706682205	9.91833561814626	537729.28125
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	273.916874643985	9.72634361740748	9.83543038126628	537253.560615196
	154.14195653551	0	10	536801.203125
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	720.452758789063	6.30102998174031	6.55410956697464	536250.609375
	361.234937978289	0	10	536109.703125
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	757.470092773438	6.13958213485082	6.42756970084508	535305.09375
	973.773559570313	9.29436069882711	9.31181479848226	535004.808478568
	612.504577636719	0.50534225063324	0.527828901576996	534480.390891045
	108.52278137207	9.80052271839778	9.81797658360799	534463.994572935
	854.8125	9.66961871541341	9.69143618501027	534219.795371859
	134.071279559386	0	10	534142.5
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	125.082177036821	0	10	533863.734375
	539.830658022155	9.61725691712697	9.72197993354797	533658.527998224
	445.256042480469	6.22685068206787	6.46247711734772	533082.984375
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	217.959431528817	0	10	531576.421875
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	155.967046118543	0	10	531130.59375
	147.97734536767	0	10	530722.265625

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	198.185207437419	0	10	530339.859375
	586.452575683594	6.28793970104853	6.52356543299357	529777.5
	151.035248314645	0.50534225063324	0.532544765440623	529726.171875
	212.164474487305	4.28947668231328	4.51201214946111	529178.015625
	374.104678935784	8.08568278309504	8.14240806655884	529070.55414915
	173.078405360949	0	10	528742.546875
	780.509948730469	6.52356543299357	6.77228213307063	528710.4375
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	383.313328436381	7.47043473478953	7.72351575053533	527891.129373629
	228.232100268213	6.47993106600443	6.81591638482412	527678.625
	601.138245540448	3.28151951786677	3.32515483455658	527616.828333361
	172.169570922852	5.20580115076701	5.47197211739222	527315.953125
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	684.577758789063	7.84132926619848	8.54820968465805	525580.640625
	128.019275595261	0.500978864796956	0.824895633824666	525027.703125
	226.180120197078	0.491560532220205	0.597996315924327	524596.40625
	226.18012317342	0	10	524596.40625
	313.237452452552	4.33747461792628	4.51637556708654	524537.4375
	127.960151672363	9.81797658360799	9.88779148416519	522709.39057952
	552.483032226563	8.36930836594899	8.39985256748199	522621.060653921
	142.991152824545	0	10	522438.609375
	708.686401367188	7.40061894810994	8.77510854956309	522118.21875
	228.231887817383	6.89445854978561	7.0340892648379	521746.640625
	228.232133976506	0	10	521746.640625
	205.194961547852	6.34030081586838	6.50611191746394	521731.828125
	642.515441894531	0.50534225063324	0.527828901576996	521717.276171441
	371.101135253906	7.92423534946442	7.98532413400014	521715.255286155
	280.915588378906	9.84415713307063	9.87033798453013	521523.726107051
	392.37353515625	0.50534225063324	0.527828901576996	521490.433362214

	941.763916015625	7.69297189868291	8.0595021501859	519747.234375
	324.326066879109	0	10	519686.203125
	501.086303710938	7.00790858424505	7.07772334969838	519584.819219335
	383.167585827064	5.57233214931488	5.94758953409195	519584.625
	929.788696289063	9.64343836463292	9.70016294873555	519576.84601761
	279.856994628906	9.80924941457113	9.84852024869919	519178.855475511
	124.094906440498	0	10	518369.34375
	138.98599350909	0	10	517428.46875
	787.516174316406	9.2987243350029	9.36853989915848	517261.470648031
	650.591857910156	8.57875333385467	8.96710068143209	516448.265625
	582.382116369133	8.21658711589177	8.29076578375498	516410.411316969
	299.182906276865	5.08798744834264	5.18398374872208	516313.327700032
	171.137969970703	7.25662526842753	7.39625564969381	516039.421875
	214.121154785156	3.26842936830521	3.33824503180186	515880.305711071
	190.097429776464	0	10	515856.140625
	149.023284912109	6.6937404648145	6.8333701824824	515486.53125
	1006.76080322266	9.32054163373311	9.61289359884262	514901.15625
	922.80078125	9.67398256616592	9.69143618501027	514429.304498526
	663.466369628906	9.52126078364054	9.76997858441671	514300.125
	628.858626336228	9.665255631574	9.7176165675799	514251.142908348
	277.237213134766	5.79923131621679	6.00867833452225	514039.03125
	281.295081979679	0	10	512724.5625
	602.44743512443	5.73377959884008	5.90831839796702	512661.046875
	1061.81823730469	9.37290356712341	9.58671276725133	512486.296875
	699.625305175781	7.4049822663943	8.55257264928818	511428.84375
	196.126031734708	0	10	511410.984375
	408.331981020119	5.45015479879379	5.94322616812388	511199.109375
	582.369319989382	0	10	510274.078125
	125.983711242676	9.9052452659289	9.94015286521912	510199.011387294
	679.548246794234	9.45144564863841	9.52998749968211	509563.625179626

	143.997055053711	0.44152035074234	0.478131001758575	509243.671875
	304.299926757813	5.58105938193003	5.78177778479258	508715.53125
	696.483032226563	8.65729558226267	8.67911274986267	508544.994259508
	958.791442871094	7.70169830080668	8.09877348499298	506806.6875
	382.926680249495	9.70888998266856	9.76997858441671	506276.879530665
	297.242706298828	0.491560532220205	0.597996315924327	506180.484375
	150.014134287622	0.500978864796956	0.680901834932963	505871.4375
	150.01415617757	0	10	505871.4375
	218.919692993164	3.71350205100377	7.96786986745199	505613.765625
	753.47526398167	0	10	505475.90625
	392.838012695313	9.80488628304799	9.83543038126628	505468.162867523
	475.297157033169	7.64497336702347	7.72351575053533	505429.766187913
	164.929972211191	0	10	505233.421875
	251.971771240234	9.95324318167368	9.97506031748454	505095.014635536
	318.792175292969	9.79615911798477	9.83979354855219	505040.372081617
	126.989547729492	9.9052452659289	9.92706273155212	504918.820635536
	452.824829101563	9.73070706682205	9.76997858441671	504500.136841759
	238.927597045898	0.527828901576996	1.65395088351568	504352.96875
	130.932815551758	9.82670358177821	9.84415713307063	504351.13481798
	782.222290039063	8.8143804327329	8.8492877816836	504039.581305194
	177.949768066406	9.91397235151927	9.94451648152669	503921.350533981
	570.457702636719	0.496264200973511	0.532544765440623	503916.748939119
	530.838806152344	9.48198993361791	9.72634361740748	503891.765625
	443.24067693201	4.61673478441238	4.83054361499151	503800.546387617
	110.541450500488	9.89651863333384	9.94015286521912	502856.056230308
	721.506713867188	7.03845228509903	7.29589631713231	502771.59375
	286.310363769531	5.63778400179545	5.93449923353195	502647.65625
	312.326061991501	0	10	502446.65625
	180.964157104492	9.97942376689911	9.99687751687368	502178.168163379
	647.435852050781	6.19194350001017	6.44502374884287	501416.71875

	138.495132446289	9.86161083138784	9.87906479991277	500828.598944111
	197.000758419348	9.91397235151927	9.98815093196233	499902.627653412
	158.976669311523	0.532544765440623	1.65831444816589	499722.84375
	350.302955220435	6.68064976689021	6.71992063280741	499666.001923534
	120.014874286599	0	10	498986.109375
	331.224273681641	6.5192019001325	6.76355534947713	498446.671875
	292.887512207031	9.76561505155563	9.79179570035934	498364.157143796
	209.945905317037	0	10	497499.140625
	217.104543837884	0.667811268138886	1.33105604804357	497492.671875
	338.290008544922	5.81668596820831	5.90395473397573	497423.34375
	445.335223376483	0	10	496882.828125
	326.341766357422	7.24789889809291	9.64343836463292	496413.140625
	307.910247802734	9.97942376689911	9.99687751687368	496403.983423133
	239.148872019508	0.491560532220205	0.541271382141113	496188.234375
	420.787445068359	9.86161083138784	9.87906479991277	496124.565364166
	131.975769042969	9.87033798453013	9.88779148416519	495927.054485003
	211.132888793945	5.17089330113729	5.38033918298085	495757.078125
	206.953308105469	0.532544765440623	0.707082149950663	495675.461831351
	1065.77777686472	8.27331171588898	8.36930836594899	494793.853562114
	328.321129976707	7.39625564969381	7.46170773264567	494083.923604749
	331.216949462891	4.30693063494364	4.5643737490654	493521
	656.530700683594	0.50534225063324	0.527828901576996	493437.397270398
	115.967781066895	9.89215498126348	9.91397235151927	493137.678734972
	230.96208190918	9.97069680051804	9.99251403169632	493062.882873191
	133.101226806641	4.52510253346761	4.95708424803416	492515.484375
	388.833302674987	9.74379789985021	9.79179570035934	491974.737649591
	450.290731645741	0	10	491863.078125
	169.976141069733	9.72197993354797	9.76561505155563	491625.92463327
	180.033767700195	0.527828901576996	0.663447584279378	491514.5625
	199.987747192383	9.94015286521912	9.96633336699804	491449.9148793

	443.240600585938	4.87417798198064	5.18398374872208	491191.40625
	239.148910522461	2.35646774924596	3.27715644992193	490831.21875
	998.677030420778	8.1162276005427	8.16422616796494	490694.490415696
	1027.75463867188	8.02895798441569	8.37803521709442	490416.890625
	588.431555872411	5.44142759796778	5.74250685132345	489143.859375
	252.943786621094	9.97506031748454	9.99687751687368	488839.784032304
	136.46240234375	0.50534225063324	0.532544765440623	488693.469416511
	471.843414306641	9.66089211460749	9.74816109892527	488656.508610283
	574.416198730469	5.24070891695023	5.36288543300629	488156.759712717
	909.612731933594	9.32490486459732	9.38163006461461	487683.586281056
	866.597839355469	8.20349701798757	8.25585801757177	487195.381413338
	597.521362304688	8.77947211818695	9.71325363473892	487049.859375
	132.974670410156	9.95324318167368	9.97942376689911	486770.685725268
	817.505920410156	9.46453583396276	9.48198993361791	486673.190752524
	363.043334960938	3.26842936830521	3.30770100113551	486510.167760796
	364.342132568359	6.86391441580454	7.05590618209839	485751.515625
	273.167266845703	3.43860490080516	4.02767009890874	485379.796875
	207.1240234375	3.83131486730576	4.29384044961929	485366.578125
	393.261737789774	0	10	485334.515625
	152.962539672852	0.527828901576996	0.776897614765167	485313.703125
	632.400146484375	6.32284728444417	6.61083483454386	485204.578125
	250.17766262532	0	10	485042.0625
	255.944000502269	0	10	484904.203125
	403.940490722656	6.38393541730245	6.69810353275935	484757.390625
	307.910400390625	9.94015286521912	9.95760668274561	484711.809034407
	262.177581787109	5.07053388512929	5.14907593485514	483639.065519683
	237.14599609375	4.51201214946111	4.75636508223216	483138.984375
	148.953249620154	0	10	483112.875
	111.01207566774	0	10	482916.84375
	701.566955566406	8.19476999994914	8.23840416825612	482894.511719777

	148.018508911133	1.83721598145167	6.08722143328985	482591.25
	576.465881347656	8.92346628265381	8.9714642182668	482509.070854141
	399.250519135374	0	10	482470.546875
	524.826013438055	9.59980338172913	9.66961871541341	482386.798219648
	152.038562362323	0	10	482302.921875
	211.16926008203	4.74327478167216	5.81232241547902	482178.84375
	734.526611328125	9.3379960512797	9.35544969793956	482115.190562682
	147.977307687785	0.50534225063324	0.567452134259542	481989.452250057
	333.278747558594	7.16935614900589	7.22608161525726	481801.005538594
	352.318603515625	5.6596011654218	5.76868709878921	481789.405732573
	444.865234375	9.64780193325679	9.77434204972585	481130.480329353
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	104.030219587958	0	10	480628.78125
	201.992652939999	0.500978864796956	0.602359431552887	480252.28125
	527.391906738281	7.13881186800003	7.17371984875997	480050.413621369
	124.964347839355	3.51278358456294	6.92936649875641	480014.71875
	304.894349766262	0	10	479644.21875
	201.992770715633	0	10	479596.21875
	530.389831542969	5.21016501741409	5.32361448364258	479405.625
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	600.468688964844	0.496264200973511	0.532544765440623	478351.094025526
	412.214385986328	5.81668596820831	5.8908642824173	478144.144277602
	239.966369628906	9.95324318167368	9.98378741499583	476392.139738136
	247.166458129883	0.798714933363597	1.30051150080363	476209.59375
	690.623657226563	7.39625564969381	8.41294288393656	475981.5
	620.582153320313	9.3859936173439	9.7176165675799	475476.28125
	154.941685955215	0.496264200973511	0.755080133247376	475037.625
	307.910430908203	9.91397235151927	9.93142581539154	475024.13515488
	630.47855061655	6.29230286833445	6.55410956697464	474999.703125
	133.085912399718	6.60647168315252	7.18244629856745	474623.390625

	122.547088623047	9.94887966470718	9.97942376689911	473659.301008622
	632.188390310193	7.93296259797414	7.98532413400014	473412.866513623
	507.474700927734	7.72351575053533	9.08491431630453	473233.96875
	133.974643445966	0.50534225063324	0.584905900128682	472746.703125
	265.252380371094	0.496264200973511	0.536908047962189	472570.78125
	403.247650146484	6.51047504898707	6.8377334491094	472436.953125
	848.792256464987	9.665255631574	9.70016294873555	472132.14655098
	548.300720214844	7.26535240170161	7.33516766783396	472095.765662736
	430.913757324219	3.34697231607437	8.01586779909134	471538.03125
	316.929748535156	5.21016501741409	5.47633521712621	471239.859375
	154.978500366211	0.50534225063324	0.532544765440623	470586.812425364
	160.96435546875	9.83979354855219	9.85724741773605	470463.668146764
	357.956390380859	5.2232551987648	5.55487818476359	469916.4375
	388.254119873047	0.48249441541036	0.532544765440623	469327.550637402
	289.125762116449	0	10	468371.578125
	401.869079589844	9.93578948335647	9.95324318167368	468099.722262395
	666.468917455785	0	10	467613.703125
	527.339172363281	8.22095103419622	8.28203868227005	467451.601654806
	171.137924194336	2.84081099983851	3.70041169878642	467394.375
	598.488952636719	7.50970620072683	7.65370054798126	467308.921875
	748.520151197864	5.32797776616414	5.93449923353195	467135.0625
	156.042065355806	3.25533904787699	4.6734598850886	467010.09375
	224.963851928711	0.532544765440623	0.750716834831238	466962.9375
	371.153572816512	0	10	466805.90625
	595.130126953125	3.27715644992193	3.32079108314514	466634.078674897
	306.130980588544	7.26535240170161	8.87546808478037	466398.84375
	415.253414166726	6.86391441580454	6.9250027314504	466288.314028299
	813.694018173157	0	10	466115.25
	308.887512207031	9.81361281630198	9.83979354855219	465934.781883396
	253.252517700195	5.81668596820831	5.8908642824173	465463.195326108

	350.326385498047	6.64137894865672	6.85082373377482	465151.78125
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	220.890832531955	0	10	464779.453125
	138.102600097656	9.17654726661046	9.20709096746445	464244.84375
	144.101903756708	0	10	463942.59375
	484.354949951172	7.93296259797414	7.98968715028763	463381.297511155
	149.023345947266	5.19707454996109	5.49815283374786	462109.125
	156.965992190515	0	10	461845.5
	465.832977294922	9.72197993354797	9.75252450065613	461764.850075608
	1002.71740722656	9.08055054899851	9.58671276725133	461331.28125
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	647.340956897972	7.91987238483429	8.00277741508484	461104.593663691
	284.057922363281	0.50534225063324	0.532544765440623	461012.383595446
	793.813874351576	9.65652854995727	9.7176165675799	460093.749752499
	453.167327880859	5.28870691614151	5.46324488477707	459880.59375
	822.571166992188	8.21222400026321	8.27331171588898	459663.250814758
	139.963241577148	4.84799724973043	6.66755958156586	459644.15625
	337.176910400391	9.53871431506475	9.80052271839778	459508.21875
	330.203682984054	0	10	458741.8125
	198.000879060349	0	10	458587.453125
	349.258560028035	4.33747461792628	4.64727899786631	458082.140625
	688.499206542969	7.91987238483429	7.98532413400014	457921.975370751
	371.101227087468	0	10	457693.03125
	427.339343595006	7.52279636618296	7.67988113320668	457692.890625
	207.017445664424	0	10	456042.28125
	270.886444091797	9.81797658360799	9.83543038126628	456028.361962639
	592.813419596528	9.64780193325679	9.7176165675799	455775.030974953
	295.22681015405	0	10	455739.9375
	289.237365722656	5.44579126593272	5.55051421480179	455545.125
	156.120346069336	3.31642768141429	5.21016501741409	454962.9375

	423.812469482422	9.95760668274561	9.97506031748454	454867.356490691
	159.9647081091	0	10	454733.765625
	156.138258992331	0	10	454516.078125
	403.232513427734	6.82028013226191	6.87264121529261	454369.756630392
	223.063674926758	4.90035884933472	5.13598598397573	454108.359375
	166.946578979492	9.89215498126348	9.91833561814626	454024.607511906
	616.462889856768	5.83850286560059	6.33157401638031	453857.71875
	421.232594284724	0	10	453299.296875
	223.063523010868	7.93732603149414	7.98096045014063	453246.424098724
	291.907135009766	0.527828901576996	0.650357200272878	452884.875
	160.964469853649	0	10	452720.390625
	184.960250854492	9.66961871541341	9.90088168141047	452540.90625
	207.985589192411	9.95760668274561	9.99687751687368	452122.729673588
	633.45459301871	0	10	452049.984375
	645.497451250053	0	10	451680.09375
	184.00145125256	0	10	451647
	162.967315673828	9.82233991778692	9.84852024869919	451554.038170697
	138.102581629516	0	10	451261.78125
	531.459091907902	0	10	450063.9375
	749.501281738281	9.32054163373311	9.34672269976934	449940.781036285
	149.96650156479	0	10	449706.984375
	302.897760726755	9.70888998266856	9.78743194894791	449651.818707804
	172.956264616616	0.50534225063324	0.611086564826965	449568.84375
	227.127784769144	6.55410956697464	6.68501336730321	449501.34375
	227.127982781712	0	10	449501.34375
	201.18489889485	4.935266547966	5.70759904937744	449469.328125
	171.992951987803	0	10	449356.5
	349.183471679688	9.36853989915848	9.79615911798477	449320.6875
	327.201232910156	6.59338101701736	6.75046476678848	449313.046875
	394.830474853516	9.96633336699804	9.98815093196233	449165.858141738

	216.908813476563	9.94887966470718	9.98815093196233	449014.090144444
	165.990875244141	3.66550429817836	7.59261154886882	448810.078125
	405.357613418918	7.47916145083109	7.6973350818634	448779.84375
	397.845811902475	9.70888998266856	9.76997858441671	448463.878951766
	370.7939453125	9.76125148293177	9.78743194894791	448456.964428461
	824.536193847656	6.47120381749471	6.58465443210602	448367.25
	886.767197015688	9.65652854995727	9.69579938408534	448169.800749356
	934.623352050781	8.22531406637827	8.26894831813176	448082.647087494
	565.56591796875	9.35544969793956	9.59980338172913	447538.6875
	298.877258300781	9.96197036660512	9.99687751687368	447178.070644473
	175.954467773438	9.82670358177821	9.85724741773605	447151.82797131
	327.201355992232	2.68372613347371	3.31206456578573	447128.90625
	388.254079709477	0	10	447127.875
	442.337412184837	5.10980511662165	5.42397393143972	447080.015625
	334.911956787109	9.84415713307063	9.8834283844312	446711.955013653
	298.833740234375	9.96197036660512	9.98378741499583	446098.723153289
	265.252471923828	7.17371984875997	7.38752866741816	446047.125
	198.087219238281	4.85672448234558	8.71838396546046	445889.484375
	169.976196289063	9.77870573358536	9.80924941457113	444972.576522227
	361.294784977651	6.13958213485082	6.22685068206787	444941.174992789
	157.017807006836	0.532544765440623	0.637266816266378	444828.083994696
	193.158737182617	4.76072856740952	5.52869701541265	444004.640625
	141.975708007813	9.80488628304799	9.83979354855219	443587.295041523
	430.321919170501	0	10	443197.6875
	119.527826369332	0	10	443195.765625
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	255.156585693359	5.06617036816279	5.13162246700923	442605.889736453
	226.954442950393	0	10	442569.515625
	176.013356926544	0	10	442376.484375

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	734.800598144531	9.65652854995727	9.68270909941991	441505.051163062
	147.052882202891	0	10	441330.75
	732.546511977798	0	10	441227.625
	462.85191516746	9.58234948472977	9.72634361740748	440982.984375
	209.974243164063	0.527828901576996	0.807441748746236	440977.40625
	596.597555007934	0	10	440803.359375
	378.357818603516	0.496264200973511	0.532544765440623	440298.765558023
	160.972509422608	0	10	440144.296875
	766.530639648438	6.47120381749471	6.5410190319697	440037.476763512
	146.496810913086	9.89651863333384	9.91397235151927	439985.210640206
	592.813598632813	9.61725691712697	9.63471154925028	439323.587788494
	202.970744290868	9.66961871541341	9.77870573358536	438678.742609182
	341.860597028597	9.9052452659289	9.94887966470718	438571.336739214
	721.576477050781	9.35108599818548	9.66961871541341	438468.515625
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	112.519544864433	0	10	437547.9375
	1041.78002929688	8.02023131605784	8.0595021501859	437068.179278549
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	399.250701904297	9.32054163373311	9.61725691712697	436820.859375
	427.303836176883	0	10	436501.265625
	1051.76319264514	8.36930836594899	8.46966775016785	435259.24351672
	387.271763581552	5.81668596820831	5.89959110177358	435213.025300486
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	632.415487327795	0	10	435077.71875
	247.964660644531	9.93142581539154	9.97069680051804	435042.079704219
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	214.946273803711	9.7830687180837	9.80488628304799	434145.087991665
	391.352752685547	6.96427430070241	7.06899686810176	433880.295728285
	371.240386962891	4.34620148496628	4.42910659866333	433675.546875
	148.976976038116	0	10	433409.34375
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	193.998947143555	9.80924941457113	9.82670358177821	432936.281699009
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	498.400070269047	5.34979493376414	5.86468341506322	429999.046875
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	354.33681366683	7.31771356817881	7.73660590009689	429012.1875
	359.954130339071	0	10	428229.5625
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	364.342346191406	0.496264200973511	0.532544765440623	426515.016463327
	167.998430907947	0.50534225063324	0.576178949642181	426505.265625
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	117.981864929199	9.82670358177821	9.84852024869919	425358.353855219
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	327.141525337024	4.40728999929428	4.96581133362452	425164.640625
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	547.360961914063	6.90754883445104	7.15626593189239	424638.046875
	236.938593916451	0	10	424541.015625
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	355.876238936489	9.94015286521912	9.97506031748454	422550.515625
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	308.279541015625	6.12212823387782	6.22248710152308	416310.389648757
	169.485946655273	0.50534225063324	0.532544765440623	416214.146964969
	279.1591796875	5.92140906807582	6.15703588482539	416135.0625
	261.130762576773	0.450931498972575	0.48249441541036	415916.15625
	170.09638586831	0	10	415809.984375
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	197.925765991211	9.87470098492305	9.89215498126348	414396.111743477
	797.160927657462	8.80128979838689	8.86237843192418	414086.640654713
	557.474696132916	0	10	413858.34375
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	394.292709101112	7.20862744805018	7.25662526842753	412891.637483825
	133.926847024044	0	10	412552.5
	524.825889046946	9.69143618501027	9.73943466501236	412501.529782507
	102.074218609134	0	10	412346.859375
	367.209139789889	4.02330649849574	4.63855230169296	412326.984375
	377.232346778171	7.10826769825617	7.16499264793396	412273.621083907
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	1041.73294007973	9.2158181166331	9.29436069882711	411577.148491578
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	168.963287353516	9.8834283844312	9.92706273155212	410351.782685716
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	169.045772802431	0	10	405180.609375
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	119.025695800781	9.76997858441671	9.83106661793391	404359.146804567
	193.432830810547	9.96197036660512	9.97942376689911	404103.277656482
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	795.543550048555	6.53665594813029	6.89445854978561	403751.083836479
	289.177120707489	0	10	403540.21875
	193.929931640625	6.58465443210602	6.71555758473078	403497.703125
	497.474920054171	0	10	403330.828125
	210.148781369417	0	10	403047.65625
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	588.374084472656	6.32721041596731	6.55847350117365	397734.65625
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	922.800170898438	9.64780193325679	9.665255631574	395837.610245031
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	265.252532958984	6.49302151756287	6.6937404648145	389481.2109375
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	741.1943359375	8.80128979838689	8.82747053461075	386554.492107303
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	302.268981933594	4.93963008480072	5.17525683399836	384544.9921875
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	387.156646728516	6.71555758473078	6.78100929813385	384381.845625419
	392.837921142578	9.76125148293177	9.7830687180837	384284.257268377
	152.477447509766	0.50534225063324	0.532544765440623	384220.4765625
	211.109405517578	6.03049605048497	6.12649178263346	384080.477124544
	652.4111328125	3.56950858192444	3.65241383469899	383816.047236115
	514.279418945313	6.9250027314504	6.99481806513468	383552.7890625
	154.941674128752	0	10	383360.6953125
	385.167358398438	5.19707454996109	5.28434326804479	383014.763610074
	153.980773925781	9.94015286521912	9.96197036660512	382128.63409104
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	152.972438837054	0	10	381921.140625
	194.937850952148	0.527828901576996	0.803078064886729	381879.609375
	363.789894490656	9.87906479991277	9.96633336699804	381837.047524799
	414.269511277494	8.17731623408	8.22531406637827	381788.022459549
	177.979736747296	0	10	381591.6796875
	398.311128187514	5.18834680077235	5.2756166513443	381534.858888625
	239.888442993164	9.89651863333384	9.91397235151927	380528.775992712
	245.226269729771	5.81668596820831	5.90395473397573	380258.092876152
	321.166381835938	6.43629665133158	6.74610171473821	380038.4765625
	289.927154541016	9.91397235151927	9.93142581539154	380026.197793839
	111.521743774414	3.33388145125707	7.49225226796468	379961.53125
	459.308170133788	6.93373008327484	7.00354515072505	379823.005921266
	130.086250713407	0	10	379638
	446.253570556641	5.49815283374786	5.73814376748403	379535.9765625
	415.253703900126	0	10	379478.765625

	165.982757568359	9.97506031748454	9.99251403169632	379349.770286931
	152.081808293482	0	10	378865.3828125
	466.410064697266	6.93809363203049	7.00790858424505	378532.488384948
	258.885864257813	9.97506031748454	9.99251403169632	378245.595510338
	145.122314453125	6.68501336730321	6.74610171473821	378236.829431869
	277.128143310547	4.48583168344498	4.59491758502324	378173.390625
	181.950678273339	0	10	377975.90625
	679.438868237136	6.8377334491094	6.9250027314504	377924.909876123
	109.969156526228	0.500978864796956	0.715809016990662	377868.421875
	309.326397107134	0	10	377825.625
	298.877356449036	0	10	377570.671875
	298.346893310547	5.82104900039037	5.98686116692225	377376.5859375
	195.122710465756	0.427554251321157	1.20887934919993	377292.28125
	568.449819772107	7.16062911507289	7.19990106579463	377269.608081694
	441.320992189468	6.55410956697464	6.64574251728058	377120.9765625
	347.315536573505	0	10	376911.65625
	329.919158935547	9.93578948335647	9.96633336699804	376775.865225225
	543.458880945739	0	10	376699.4296875
	713.444313665017	0	10	376300.2890625
	457.292602539063	7.23480811672211	7.7147889828364	376173.4921875
	302.305336582942	0	10	376042.3125
	1022.74157714844	9.65652854995727	9.70888998266856	375994.754274877
	519.459001612315	0	10	375968.4140625
	294.865499714033	9.68270909941991	9.77870573358536	375938.724116391
	252.400314331055	9.97069680051804	9.99687751687368	375582.262695328
	196.993573689949	0	10	375563.90625
	179.063636967265	8.39548909819921	8.47839428342183	375181.78125
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	341.860504150391	9.85288374977112	9.88779148416519	374927.814048084
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	311.294482347163	0	10	374609.953125
	356.285489734738	0	10	374566.734375
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	648.431647241678	0	10	374102.0625
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	338.161224365234	9.78743194894791	9.84852024869919	373924.3828125
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	165.981869906062	0	10	373413.0234375
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	356.279374133644	0	10	372361.546875
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	143.081507599798	0	10	372009.46875
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	258.885955810547	9.9052452659289	9.92269928213755	371178.496065847
	1037.78594757961	9.62598480141958	9.70016294873555	370621.851314671
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	416.248902965796	0	10	364052.5078125
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	1062.82250976563	9.49944348491033	9.54744141654968	359430.832234842
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	761.443300082924	9.40344763355255	9.50380706545512	358430.41608549
	939.760925292969	9.03691593166987	9.08055054899851	358415.2265625
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	729.535095214844	6.81591638482412	6.89882183230718	357681.216276033
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	179.998413085938	9.70452648159663	9.72197993354797	357613.121743106
	319.284233468324	0	10	357443.3671875
	754.425415039063	9.30308771686554	9.32054163373311	357415.219222425
	148.970686926689	9.7830687180837	9.84852024869919	357149.292350004
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	740.499750122962	0	10	356940.703125
	302.268925498163	0	10	356692.2890625
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	128.970992730614	0	10	356293.03125
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	598.826102037563	9.59543990052541	9.72197993354797	355758.328125
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	335.219390869141	6.08285739974976	6.88136801478068	355263.0234375
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	381.340405885934	0	10	353425.40625
	154.48014831543	9.76997858441671	9.79615911798477	353334.163806387
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	253.140777587891	2.8757188653628	3.99712534901301	352195.453125
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	303.098999023438	9.70888998266856	9.77434204972585	350939.119899246
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	143.97452401282	0.50534225063324	0.549998217391968	346459.008996245
	116.976356506348	0.500978864796956	0.84671259876887	346065.1171875
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	167.033828735352	7.11699418382645	7.17808288491567	345658.887802103
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	338.161254882813	9.63034779783885	9.72634361740748	345225.46875
	393.209350585938	3.07207396583557	3.285883416303	345000.5859375
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	421.351827101082	0	10	344787.1875
	317.077676081601	6.43629665133158	6.52792879896164	344735.937790705
	267.978171601468	0	10	344569.2890625
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	510.436156950096	6.92936649875641	6.99481806513468	343747.773554752
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	369.383880615234	6.06540341533025	6.54974588311513	342689.015625
	148.970387382248	0	10	342643.6640625
	391.831146240234	9.94015286521912	9.97506031748454	342401.178592576
	542.426292506839	5.38033918298085	5.83850286560059	342318.46875
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	403.239685058594	8.20786058263779	8.26894831813176	342231.394096169
	167.944152832031	0.50970589872996	0.532544765440623	342042.548936368
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	336.802673339844	9.97942376689911	9.99687751687368	341921.648852433
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	219.174270629883	6.26175913171768	6.45811371561686	341882.3203125
	270.315492547777	0	10	341816.625
	579.823680949075	9.68707278327942	9.73943466501236	341686.938755012
	230.247764598481	0	10	341542.265625
	559.395214430502	7.7147889828364	7.76278656479518	341494.801975757
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	284.910346961392	9.28563364899953	9.35544969793956	341281.3125
	133.993118286133	9.87906479991277	9.89651863333384	340891.741365403
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	387.273482410904	0	10	340209.703125
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	371.326782226563	5.336704768308	5.48942563292185	335917.616194381
	474.408660888672	9.05437009887695	9.08055054899851	335821.453125
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	817.506225585938	9.41653781490326	9.45144564863841	335350.6311268

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	125.959777832031	9.80488628304799	9.84415713307063	306134.114066012
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	437.235656738281	3.22043151613871	3.29024703261058	304973.523962816
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	736.483716643633	9.39035695152283	9.48635296579997	303658.383970641
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	316.796997070313	9.91833561814626	9.94451648152669	303426.915062048
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	105.519706726074	0.50534225063324	0.532544765440623	301584.561165204
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	377.289703369141	6.4537505165418	6.51483833150864	274939.828814714
	302.920837402344	9.84852024869919	9.87033798453013	274937.111829857
	385.219690889166	3.62623344815572	4.20220808343887	274925.2265625
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	580.839914904826	9.70452648159663	9.74379789985021	274846.364594949
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	368.884613037109	9.73943466501236	9.7830687180837	273295.227424705
	368.313537597656	5.2756166513443	5.34106833295822	273102.040847451
	181.992691040039	0.536908047962189	1.83285296516418	272796.703125
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	166.474639892578	0.50970589872996	0.532544765440623	272143.443881629
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	165.994110107422	0.527828901576996	0.597996315924327	257809.171875
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	435.211547851563	6.03922296520869	6.09158408400218	156971.250157855
	779.730529785156	9.23763510144552	9.25508901831309	156927.6796875
	830.692138671875	8.47839428342183	8.50021166559855	156918.2924695
	486.409545898438	9.42526490049362	9.45144564863841	156917.930862378
	577.469116210938	8.9321929828008	8.9583737508138	156915.05981873
	357.188201904297	9.36853989915848	9.39035695152283	156873.73828125
	151.08642578125	8.31694741802215	8.33876436707179	156856.160807059
	746.597900390625	9.35981288509369	9.37726656751633	156831.079452057
	611.18453824011	0	10	156825.09375
	242.284133911133	8.5874804989179	8.60929738438924	156803.231732611
	342.372802734375	6.07413053270976	6.10031130072276	156741.073772988
	227.098449707031	0.50970589872996	0.527828901576996	156702.402617417
	594.582458496094	8.41294288393656	8.44348720070521	156696.260173077
	546.405090332031	8.65729558226267	8.68347628272374	156681.427619281
	549.523864746094	9.46453583396276	9.48198993361791	156607.073257203
	612.46875	7.50970620072683	7.54025039828618	156520.336974096
	871.662780761719	8.20786058263779	8.23840416825612	156496.169567812
	792.568054199219	6.06540341533025	6.13958213485082	156462.609375
	353.138366699219	6.57592713193893	6.60647168315252	156454.344367624
	769.704345703125	9.08055054899851	9.1110951836586	156445.25390625
	1020.81359863281	8.51330154892604	8.53511896686554	156402.075918394
	786.738891601563	8.87110488173167	8.89292214867274	156368.592408559
	299.258026123047	5.48942563292185	5.60724024928411	156299.7890625

	508.396209716797	9.14163926598231	9.15909303185145	156287.970676892
	371.276458740234	9.62162091490428	9.63907476819356	156274.27734375
	297.298065185547	8.72711061792374	8.74892776565552	156270.358020655
	152.143295288086	9.24636218306224	9.27254306631088	156251.68923864
	720.452087402344	8.33876436707179	8.36930836594899	156248.208591246
	135.981750488281	9.01509854949315	9.0325523988088	156217.078125
	745.5947265625	7.98532413400014	8.0595021501859	156201.984375
	504.301025390625	9.3859936173439	9.40344763355255	156199.1953125
	707.490905761719	8.31258390105565	8.33003751592636	156170.350320288
	425.286682128906	7.97223346786499	7.98968715028763	156146.874367906
	453.412139892578	8.26894831813176	8.28640225089391	156137.90625
	332.331024169922	9.44708149986267	9.48198993361791	156054.09375
	927.794921875	8.13368123130798	8.18604323225021	155967.43886627
	615.531066894531	9.36417641795476	9.38163006461461	155963.465373237
	834.790893554688	8.66602256453832	8.69220348354975	155913.377378852
	189.997040214235	0	10	155850.1640625
	199.18855648027	0	10	155750.4140625
	731.691040039063	8.55693601525625	8.57875333385467	155719.273873516
	199.996502565298	0	10	155718.48046875
	241.2353515625	8.65729558226267	8.67474958257675	155714.882076204
	470.253204345703	8.14677239812215	8.16858973261515	155688.64644444
	193.12223815918	5.11416856603622	5.35415878451665	155667.1640625
	388.29931640625	8.75765530026754	8.78819921569824	155618.728979524
	254.21142578125	5.12289521452586	5.19707454996109	155590.139718745
	487.396789550781	8.8492877816836	8.86674136476517	155562.758055802
	189.979827880859	0.523128781286875	0.576178949642181	155511.69140625
	368.237365722656	8.47839428342183	8.49584813273748	155458.890833943
	382.243316650391	8.55257264928818	8.60057056503296	155436.1640625
	664.659973144531	8.12931791699727	8.16858973261515	155417.61328125
	448.846343994141	9.70016294873555	9.72634361740748	155415.151597295

	654.332702636719	7.36571143226624	7.39625564969381	155388.518375897
	839.781188964844	9.36853989915848	9.3859936173439	155387.778124454
	1035.7275390625	8.2951292649587	8.31694741802215	155366.711348709
	883.697509765625	8.81874346491496	8.84056101795832	155356.976839031
	382.243438720703	8.61802418387731	8.66165896809896	155356.58203125
	628.463195800781	9.47762655175527	9.49944348491033	155321.774497279
	750.623352050781	9.03691593166987	9.05873379863103	155320.30078125
	371.334106581687	8.41730644858678	8.4391234333992	155195.14453125
	412.25390625	8.98019099788666	9.00200808204015	155128.04296875
	547.508422851563	8.08131926612854	8.09877348499298	155071.3828125
	109.063446044922	9.55180483417511	9.58234948472977	155056.113875888
	226.180068969727	9.04564348217646	9.08055054899851	155029.875
	175.954116821289	8.99328121500015	9.01073504842122	155014.546875
	127.038973026081	0	10	154990.79296875
	871.661315917969	8.28640225089391	8.31258390105565	154984.915286202
	518.44677734375	8.50021166559855	8.53948249972661	154966.53515625
	312.362152099609	8.27331171588898	8.29949293292363	154958.179017545
	454.346252441406	9.12854858395259	9.1503660495758	154940.432056572
	801.49658203125	8.85801428314845	8.88419543263117	154939.255224173
	212.164367675781	7.84132926619848	7.87623653170268	154844.4375
	314.190277099609	8.20786058263779	8.23840416825612	154827.881381213
	211.169212096993	0	10	154794.55078125
	187.097785124997	0	10	154761.87890625
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	490.3642578125	8.97582771536509	9.00637201623917	154693.644160739
	369.195037841797	4.86981486635208	4.891631767718	154603.487680826
	837.720581054688	7.67551775134404	7.70606188135147	154571.28515625
	534.311767578125	3.42115113493601	3.4735127345403	154535.590010853
	1021.81646728516	9.42526490049362	9.45580896692276	154526.499262946
	188.029327392578	9.35981288509369	9.41653781490326	154517.707595106

	493.443664550781	9.46453583396276	9.48198993361791	154511.466212988
	632.399719238281	9.05437009887695	9.08055054899851	154471.67578125
	888.764404296875	9.52126078364054	9.55180483417511	154440.973471856
	925.819213867188	8.88419543263117	8.90164929784139	154429.260848552
	199.169357299805	4.70400398330688	4.935266547966	154420.69921875
	249.157424926758	8.88419543263117	8.90601231810252	154390.749303755
	698.6494140625	8.83183393236796	8.85801428314845	154341.346356871
	313.177307128906	9.2158181166331	9.25945265051524	154287.785681224
	854.655636874158	9.51253368215561	9.53871431506475	154263.01171875
	840.569213867188	8.09877348499298	8.1380448515892	154229.14453125
	209.114639282227	3.285883416303	3.66114086465836	154213.4765625
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	227.097244262695	8.32131043430964	8.34312780059179	154124.40234375
	725.640930175781	8.10750036792755	8.1380448515892	154086.84375
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	504.301361083984	8.70093043403625	8.74020128405889	154053.202576793
	1041.83020019531	9.40781074918111	9.43835543152491	154046.644493297
	785.736145019531	8.56129961566925	8.59184383309682	154028.94140625
	116.14331817627	9.17218359864553	9.19836426731745	154001.830392998
	442.316253662109	7.02536226666768	7.04281600074768	153995.427035082
	682.486694335938	9.08927774982452	9.11982160167694	153982.666835418
	419.276550292969	8.65729558226267	8.67474958257675	153980.668786354
	1074.72778320313	7.90678134915034	7.93296259797414	153971.740130553
	472.363098144531	6.84209711707433	6.8595510339419	153930.154450107
	740.659729003906	9.41653781490326	9.44271848357518	153928.971068676
	303.141387939453	8.9321929828008	8.9583737508138	153819.896862187
	400.25390625	8.17731623408	8.19913343346914	153814.6171875
	694.671264648438	8.05513864911397	8.08131926612854	153799.04296875
	210.977600097656	9.58234948472977	9.59980338172913	153748.112777764
	185.987609863281	0.597996315924327	1.64522404826482	153735.24609375

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	381.333740234375	8.46094081557592	8.48275793151855	153695.065956538
	656.49462890625	7.5053426996549	7.52716023283005	153681.2109375
	1067.69970703125	7.33953108148575	7.3788015818278	153656.344274171
	759.683236663843	8.24713108297984	8.29076578375498	153644.25
	213.141540527344	9.57798578497569	9.6041664337794	153641.53125
	225.109466552734	1.80667220112483	2.99353138364156	153634.18359375
	863.786254882813	9.17654726661046	9.19400056756337	153620.92900861
	400.254211425781	8.53075539824168	8.56129961566925	153563.671875
	397.208831787109	5.82104900039037	5.86904683268865	153507.221312099
	666.639099121094	8.98019099788666	8.99764508164724	153489.433702441
	466.373260498047	9.2158181166331	9.23763510144552	153463.619791403
	174.102432250977	8.31694741802215	8.34312780059179	153451.4296875
	241.235733032227	9.52126078364054	9.53871431506475	153438.891269714
	193.108332306945	0	10	153412.2890625
	369.156646728516	8.44785043156942	8.49148456808726	153398.092042455
	605.473815917969	8.43039683259328	8.4522137339592	153367.265625
	227.097991943359	9.09364093300501	9.11545818405151	153357.138438161
	899.766845703125	8.44348720070521	8.46094081557592	153335.19140625
	342.269805908203	9.61725691712697	9.63907476819356	153309.24609375
	1013.87030029297	9.14600269950231	9.17654726661046	153286.764970452
	483.248199462891	8.05513864911397	8.07695591605504	153232.585337201
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	114.09130859375	8.9321929828008	8.9583737508138	153131.484375
	883.69921875	8.60057056503296	8.62238758163452	153126.793441951
	215.125076293945	9.34672269976934	9.37290356712341	153108.9609375
	269.266784667969	9.10236803448995	9.13727574901581	153047.14453125
	696.687438964844	8.93655648387273	8.9714642182668	153039.22265625
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	291.231658935547	6.65446963466008	6.71992063280741	152985.27254761
	466.316070556641	6.88136801478068	6.92063891646067	152972.810048126
	446.253326416016	9.00637201623917	9.03691593166987	152958.0703125
	299.914855957031	0.527828901576996	0.56308861729304	152921.1328125
	229.19908415868	0	10	152896.23046875
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	342.269317626953	9.00200808204015	9.02818883415858	152795.82421875
	343.115386962891	4.61673478441238	4.83490714785258	152779.67578125
	984.79345703125	8.52202878154119	8.54820968465805	152703.477171203
	346.252777099609	8.90164929784139	8.92346628265381	152655.133094254
	446.377907405512	8.46094081557592	8.48712106701533	152616.2109375
	881.75537109375	9.42090141531626	9.44708149986267	152603.25
	218.974624633789	0.532544765440623	0.554362151590983	152556.785824042
	164.081817626953	9.48635296579997	9.50380706545512	152460.92578125
	376.305755615234	4.90472183383306	4.92217658119202	152416.608246779
	504.301177978516	8.83619760033289	8.87983174877167	152370.84375
	957.769897460938	8.48712106701533	8.50457505143483	152366.89453125
	110.977096557617	0.532544765440623	0.558725215562185	152349.553166319
	227.219650268555	8.38239863471985	8.4085793153127	152325.50390625
	278.893188476563	9.68270909941991	9.70888998266856	152309.352523688
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	558.478820800781	8.66602256453832	8.69220348354975	152304.793455664
	851.784606933594	9.45144564863841	9.48635296579997	152230.27473568
	433.234100341797	7.39625564969381	7.44861776587168	152215.605723843
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	267.143707275391	8.23840416825612	8.26022186832428	152128.49299342
	192.101858977372	0	10	152110.37109375
	579.457458496094	9.08491431630453	9.11545818405151	152096.146755924

	101.107223510742	9.51253368215561	9.53871431506475	152073.38194648
	960.719421386719	8.94964715000788	8.96710068143209	152031.71484375
	785.625549316406	9.16345658458074	9.18091063257853	152009.410905671
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	346.880920410156	9.69143618501027	9.72634361740748	151971.741501326
	858.758056640625	8.57439023412069	8.60493379987081	151909.34765625
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	696.437255859375	3.62186949806213	3.68732111609777	151827.72915224
	565.566833496094	8.32131043430964	8.34312780059179	151808.71875
	791.723876953125	8.4391234333992	8.45657728271484	151806.83726107
	274.216278076172	7.74969628410339	7.78460374828974	151798.83426986
	661.438903808594	9.26817991491954	9.29436069882711	151708.564713632
	340.321228027344	7.10390403426488	7.14753893372218	151684.767125396
	388.209075927734	8.70093043403625	8.71838396546046	151620.358622493
	620.380126953125	8.51330154892604	8.53511896686554	151594.748503391
	607.489929199219	8.02895798441569	8.04641194896698	151510.150091132
	255.231811523438	6.28357625163396	6.38829886671702	151346.6015625
	195.137918101532	0	10	151326.17578125
	207.174224853516	6.27048605041504	6.52356543299357	151317.87890625
	207.174293542263	0	10	151317.87890625
	349.294860839844	5.336704768308	5.52869701541265	151294.171875
	717.228637695313	8.35621826804479	8.38239863471985	151284.491152567
	419.276336669922	9.17218359864553	9.2027278160731	151230.878389129
	745.594970703125	8.08131926612854	8.09877348499298	151222.83984375
	572.35986328125	7.47479793386459	7.50970620072683	151135.771831909
	314.190155029297	7.92859903332392	7.95041618502935	151116.65625
	178.097457885742	9.45144564863841	9.49071656621297	151095.55078125
	327.250732421875	8.9583737508138	8.97582771536509	151075.914175078
	753.6201171875	8.1380448515892	8.16858973261515	151060.92425556

	152.903747558594	0.527828901576996	0.650357200272878	151013.61328125
	983.861389160156	9.24199866609573	9.26817991491954	150978.624452662
	384.268493652344	9.13727574901581	9.16782001810074	150916.37109375
	855.704406738281	8.4391234333992	8.46530389941533	150867.917008968
	237.221343994141	5.97813445088069	6.08285739974976	150866.58984375
	983.821594238281	8.84492421703339	8.86237843192418	150860.21226144
	215.164138793945	4.76072856740952	5.29743393417994	150831.73828125
	227.096771240234	8.64856883443197	8.6703859503746	150789.90234375
	428.269134521484	8.81001695152919	8.84492421703339	150783.586797061
	459.329223632813	5.37161245104472	5.84722986774445	150748.06640625
	311.219024658203	5.46760844942729	5.56360529816945	150590.110780491
	516.35302734375	6.87264121529261	6.89445854978561	150563.26171875
	446.253204345703	8.85365131454468	8.87110488173167	150474.46875
	456.362335205078	8.23404086586634	8.25149493373235	150395.0859375
	283.180206298828	9.37290356712341	9.41217446482976	150378.17578125
	182.153876062497	0	10	150287.98828125
	719.522372562298	8.36494505163829	8.43039683259328	150195.28125
	722.527038574219	9.47762655175527	9.5168974017779	150130.03125

Exclusion mass width: ppm

Low: 3

High: 3

Apex Detection

Desired Apex Window (%): 25

Isotope Exclusion

Isotope Exclusion: Assigned and unassigned

Exclusion window (m/z) for unassigned isotopes: 3

Data Dependent

Data Dependent Mode: Number of Scans

Number of Dependent Scans: 10

Scan Event Type 1:

Scan:

ddMS²

Multiplex Ions: **False**

Isolation Window (m/z): **1**

Isolation Offset: **Off**

Collision Energy Type: **Normalized**

HCD Collision Energies (%): **25,35,50**

Orbitrap Resolution: **30000**

Scan Range Mode: **Define First Mass**

First Mass (m/z): **50**

AGC Target: **Custom**

Normalized AGC Target (%): **100**

Maximum Injection Time Mode: **Auto**

Microscans: **1**

Data Type: **Profile**

Scan Description: