Keuwl Accelerometer Data File

2024-04-24 17:11:31

Time (s), X (m/s2), Y (m/s2), Z (m/s2), R (m/s2), Theta (deg), Phi (deg)

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0.0100614,-0.470489,9.291330,3.166602,9.827388,71.202637,92.898834

0.0125779,-0.482453,9.293723,3.139982,9.821687,71.355286,92.971657

0.0150944,-0.472882,9.348758,3.132803,9.871036,71.495857,92.895683

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0.0301908,-0.427119,9.286545,3.089732,9.796367,71.615295,92.633369

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0.0352237,-0.376870,9.296116,3.106482,9.808671,71.536064,92.321533

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1.0390314,-0.451047,9.315259,3.221637,9.866937,70.943024,92.772110

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1.4994607,-0.463011,9.281759,3.130410,9.806371,71.384109,92.855774

1.5019768,-0.467797,9.260223,3.144767,9.790818,71.264755,92.891937

1.5044929,-0.458226,9.303294,3.173780,9.840434,71.184341,92.819771

1.5070089,-0.463011,9.310472,3.164209,9.844363,71.250969,92.846985

1.5095248,-0.448654,9.267402,3.151946,9.799020,71.236702,92.771645

1.5120410,-0.463011,9.284152,3.151946,9.815530,71.269432,92.855042

1.5145569,-0.480060,9.274581,3.183352,9.817435,71.079559,92.963036

1.5170760,-0.496810,9.305687,3.207280,9.855418,71.008179,93.055992

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1.5246243,-0.496810,9.274581,3.185744,9.819044,71.068016,93.066223

1.5271406,-0.506381,9.286545,3.197708,9.834718,71.025642,93.121162

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1.5372080,-0.455833,9.279366,3.173780,9.817704,71.139137,92.812294

1.5397242,-0.455833,9.305687,3.171387,9.841813,71.201790,92.804352

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1.5447567,-0.451047,9.288938,3.200101,9.835063,71.011597,92.779953

1.5472729,-0.448654,9.245867,3.197708,9.793503,70.942719,92.778091

1.5497891,-0.446261,9.243474,3.188137,9.788012,70.990883,92.764008

1.5523052,-0.417548,9.265009,3.178566,9.803980,71.082176,92.580414

1.5548215,-0.465404,9.248260,3.180959,9.791088,71.041512,92.880890

1.5573381,-0.443869,9.260223,3.176173,9.799838,71.088661,92.744247

1.5598541,-0.422333,9.267402,3.159423,9.800258,71.192986,92.609276

1.5623704,-0.405583,9.272188,3.173780,9.808713,71.121193,92.504631

1.5648866,-0.436690,9.276974,3.154338,9.808302,71.240356,92.695068

1.5674028,-0.410369,9.250652,3.147160,9.779959,71.228371,92.540039

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1.5749514,-0.410369,9.272188,3.130410,9.794966,71.361641,92.534149

1.5774332,-0.417548,9.279366,3.142374,9.805892,71.309387,92.576424

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1.5824639,-0.458226,9.257831,3.166602,9.795139,71.138420,92.833603

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1.5925252,-0.439083,9.281759,3.168994,9.817657,71.168556,92.708412

1.5950406,-0.427119,9.238688,3.149553,9.770132,71.193962,92.646988

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1.6177020,-0.515952,9.312865,3.144767,9.843029,71.367805,93.171066

1.6202177,-0.470489,9.272188,3.123232,9.795377,71.406754,92.904808

1.6227334,-0.475274,9.312865,3.144767,9.840981,71.363785,92.921509

1.6252493,-0.470489,9.312865,3.183352,9.853149,71.150734,92.892143

1.6277649,-0.513560,9.346365,3.135196,9.871562,71.482231,93.145096

1.6302806,-0.489631,9.298509,3.104089,9.815161,71.563431,93.014236

1.6327964,-0.494417,9.303294,3.123232,9.826001,71.466820,93.042084

1.6353121,-0.487238,9.322437,3.125625,9.844530,71.488281,92.991852

1.6378565,-0.470489,9.296116,3.106482,9.812715,71.543945,92.897346

1.6403730,-0.460618,9.303294,3.149553,9.832758,71.318192,92.834473

1.6428894,-0.487238,9.281759,3.147160,9.812903,71.293739,93.004936

1.6454059,-0.484846,9.281759,3.149553,9.813553,71.280273,92.990204

1.6479224,-0.506381,9.255438,3.171387,9.796798,71.112152,93.131630

1.6504388,-0.463011,9.272188,3.151946,9.804214,71.247009,92.858719

1.6529552,-0.422333,9.262616,3.132803,9.787179,71.331482,92.610619

1.6554717,-0.441476,9.253045,3.135196,9.779734,71.301941,92.731590

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1.6781104,-0.487238,9.228818,3.195316,9.778473,70.927132,93.022141

1.6806266,-0.501595,9.233903,3.195316,9.783998,70.938316,93.109314

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1.6856591,-0.465404,9.236296,3.130410,9.763464,71.299278,92.884613

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1.6982338,-0.499203,9.224032,3.116053,9.748937,71.359444,93.097816

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2.0001583,-0.482453,9.274581,3.171387,9.813680,71.145874,92.977776

2.0026743,-0.427119,9.288938,3.185744,9.829331,71.088585,92.632690

2.0051904,-0.419940,9.312865,3.176173,9.848548,71.185715,92.581863

2.0077064,-0.434297,9.296116,3.164209,9.829476,71.221512,92.674805

2.0102222,-0.391227,9.298509,3.192923,9.839211,71.064110,92.409248

2.0127385,-0.391227,9.279366,3.190530,9.820346,71.041107,92.414215

2.0152543,-0.400798,9.303294,3.151946,9.830904,71.299812,92.466850

2.0177703,-0.407976,9.286545,3.149553,9.814583,71.282310,92.515503

2.0202837,-0.400798,9.279366,3.188137,9.819954,71.055077,92.473206

2.0227995,-0.391227,9.257831,3.178566,9.796110,71.066399,92.419823

2.0253155,-0.400798,9.214461,3.192923,9.760209,70.904922,92.490601

2.0278313,-0.415155,9.238688,3.168994,9.775901,71.085068,92.572945

2.0303473,-0.412762,9.243474,3.228815,9.799869,70.763069,92.556808

2.0328634,-0.419940,9.202497,3.221637,9.759162,70.724304,92.612785

2.0353792,-0.443869,9.197711,3.221637,9.755709,70.717209,92.762871

2.0378952,-0.446261,9.226425,3.190530,9.772695,70.945107,92.769112

2.0404065,-0.446261,9.197711,3.235994,9.760569,70.637886,92.777740

2.0429223,-0.451047,9.188140,3.243172,9.754154,70.579941,92.810402

2.0454381,-0.448654,9.180962,3.233601,9.744102,70.618774,92.797699

2.0479538,-0.458226,9.195318,3.192923,9.744671,70.873291,92.852829

2.0504696,-0.458226,9.241081,3.212065,9.794127,70.855103,92.838730

2.0529854,-0.475274,9.228818,3.192923,9.777102,70.939186,92.948067

2.0555015,-0.422333,9.204889,3.180959,9.748172,70.954834,92.626968

2.0580170,-0.463011,9.226425,3.202494,9.777386,70.880409,92.872871

2.0605509,-0.492024,9.286545,3.168994,9.824690,71.182541,93.032837

2.0630672,-0.448654,9.322437,3.168994,9.856554,71.245651,92.755310

2.0655835,-0.463011,9.296116,3.130410,9.819961,71.410820,92.851372

2.0680997,-0.434297,9.327223,3.164209,9.858900,71.279640,92.665901

2.0706160,-0.463011,9.332008,3.197708,9.875530,71.107040,92.840424

2.0731323,-0.424726,9.315259,3.151946,9.843231,71.324104,92.610573

2.0756485,-0.386441,9.353543,3.123232,9.868773,71.550049,92.365822

2.0781648,-0.429512,9.315259,3.118446,9.832764,71.509438,92.639946

2.0806668,-0.427119,9.303294,3.147160,9.830480,71.328423,92.628632

2.0831828,-0.436690,9.310472,3.120839,9.829305,71.487984,92.685379

2.0856986,-0.480060,9.322437,3.139982,9.848745,71.408394,92.947853

2.0882146,-0.448654,9.305687,3.164209,9.839172,71.240707,92.760262

2.0907307,-0.446261,9.262616,3.123232,9.785182,71.386673,92.758308

2.0932465,-0.453440,9.312865,3.139982,9.838422,71.388168,92.787506

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2.0982783,-0.480060,9.257831,3.176173,9.799284,71.087555,92.968384

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2.1083395,-0.494417,9.226425,3.195316,9.776575,70.923286,93.067375

2.1108556,-0.496810,9.241081,3.197708,9.791309,70.938286,93.077316

2.1133714,-0.511167,9.250652,3.214458,9.806560,70.865517,93.162796

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2.1184030,-0.496810,9.293723,3.204887,9.843344,70.998726,93.059921

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2.1234393,-0.501595,9.260223,3.192923,9.808063,71.001671,93.100494

2.1259553,-0.501595,9.238688,3.197708,9.789295,70.934212,93.107704

2.1284714,-0.446261,9.281759,3.180959,9.821848,71.103142,92.752625

2.1309874,-0.455833,9.250652,3.209672,9.802262,70.886414,92.821007

2.1335032,-0.439083,9.241081,3.224029,9.797180,70.787224,92.720322

2.1360192,-0.463011,9.238688,3.207280,9.790525,70.877426,92.869064

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2.1485956,-0.470489,9.243474,3.262315,9.813555,70.583702,92.913818

2.1511116,-0.436690,9.245867,3.247958,9.809484,70.664215,92.704117

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2.1561432,-0.439083,9.231211,3.192923,9.777668,70.940338,92.723221

2.1586592,-0.455833,9.233903,3.219244,9.789600,70.801422,92.826118

2.1611722,-0.463011,9.241081,3.204887,9.792000,70.895233,92.868324

2.1636882,-0.472882,9.253045,3.195316,9.800638,70.971924,92.925583

2.1662037,-0.477667,9.241081,3.233601,9.802138,70.738068,92.958961

2.1687195,-0.496810,9.219247,3.216851,9.776986,70.790527,93.084587

2.1712356,-0.484846,9.224032,3.192923,9.773055,70.930992,93.008888

2.1737511,-0.492024,9.262616,3.185744,9.807503,71.044891,93.040657

2.1762671,-0.503988,9.257831,3.190530,9.805147,71.010590,93.116058

2.1787829,-0.489631,9.236296,3.202494,9.787996,70.901947,93.034500

2.1813033,-0.475274,9.255438,3.207280,9.806919,70.910629,92.939606

2.1838193,-0.511167,9.250652,3.221637,9.808914,70.825905,93.162796

2.1863351,-0.506381,9.291330,3.224029,9.847822,70.889870,93.119553

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2.1963990,-0.499203,9.207282,3.212065,9.764252,70.794228,93.103439

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2.2014272,-0.499203,9.214461,3.173780,9.758503,71.020348,93.101021

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2.2114904,-0.482453,9.245867,3.183352,9.790431,71.025383,92.987007

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2.2341502,-0.460618,9.281759,3.190530,9.825615,71.051659,92.841042

2.2366662,-0.458226,9.286545,3.200101,9.833135,71.007729,92.824852

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2.2492046,-0.484846,9.315259,3.207280,9.863862,71.025063,92.979477

2.2517200,-0.489631,9.375079,3.207280,9.920609,71.137711,92.989662

2.2542350,-0.463011,9.336794,3.212065,9.884708,71.037277,92.838966

2.2567503,-0.463011,9.332008,3.212065,9.880188,71.028267,92.840424

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2.2618155,-0.453440,9.320045,3.190530,9.861456,71.123138,92.785362

2.2643318,-0.431904,9.250652,3.212065,9.801963,70.871002,92.673149

2.2668476,-0.427119,9.276974,3.183352,9.817250,71.079193,92.636078

2.2693639,-0.386441,9.274581,3.207280,9.821092,70.939247,92.385941

2.2718799,-0.369691,9.272188,3.231208,9.826029,70.801514,92.283226

2.2743959,-0.374477,9.243474,3.176173,9.781111,71.051071,92.319931

2.2769120,-0.333799,9.233903,3.176173,9.770592,71.029892,92.070297

2.2794280,-0.350549,9.243474,3.233601,9.799025,70.731705,92.171837

2.2819250,-0.319442,9.255438,3.226422,9.806884,70.792175,91.976723

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2.3725216,-0.386441,9.228818,3.281457,9.802468,70.442162,92.397758

2.3750379,-0.396012,9.195318,3.243172,9.758528,70.588989,92.466019

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2.5008364,-0.472882,9.228818,3.247958,9.795097,70.634682,92.933250

2.5033510,-0.487238,9.257831,3.262315,9.827895,70.613167,93.012688

2.5058672,-0.513560,9.279366,3.276671,9.854286,70.578667,93.167763

2.5083833,-0.535095,9.238688,3.276671,9.817142,70.502213,93.314804

2.5108993,-0.511167,9.257831,3.312564,9.845902,70.339821,93.160347

2.5134153,-0.525524,9.257831,3.300600,9.842640,70.406975,93.248924

2.5159316,-0.530309,9.276974,3.286243,9.856108,70.523392,93.271698

2.5184479,-0.539881,9.248260,3.264707,9.822428,70.587143,93.340935

2.5209637,-0.530309,9.276974,3.262315,9.848155,70.654640,93.271698

2.5234799,-0.547059,9.284152,3.293421,9.866174,70.499847,93.372192

2.5259962,-0.578166,9.284152,3.283850,9.864757,70.555893,93.563461

2.5285122,-0.578166,9.274581,3.286243,9.856547,70.524300,93.567131

2.5310285,-0.551845,9.241081,3.274279,9.819522,70.521942,93.417442

2.5335445,-0.537488,9.260223,3.300600,9.845537,70.412979,93.321869

2.5360606,-0.537488,9.226425,3.259922,9.800148,70.570908,93.334015

2.5385768,-0.535095,9.195318,3.259922,9.770737,70.510063,93.330406

2.5410931,-0.537488,9.209675,3.288636,9.793984,70.379951,93.340065

2.5436084,-0.563809,9.207282,3.274279,9.788403,70.457504,93.504135

2.5461247,-0.559023,9.188140,3.271886,9.769322,70.432671,93.481689

2.5486410,-0.520738,9.202497,3.267100,9.779114,70.482811,93.238716

2.5511570,-0.535095,9.176176,3.259922,9.752724,70.472603,93.337341

2.5536730,-0.499203,9.200104,3.274279,9.778140,70.436157,93.105858

2.5561893,-0.511167,9.157033,3.271886,9.737442,70.365982,93.195068

2.5587053,-0.523131,9.207282,3.259922,9.781349,70.532059,93.251884

2.5612216,-0.501595,9.173783,3.276671,9.754305,70.371475,93.129646

2.5637395,-0.477667,9.202497,3.250350,9.771330,70.570816,92.971344

2.5662556,-0.515952,9.185747,3.245565,9.755914,70.568680,93.214859

2.5687718,-0.494417,9.171391,3.228815,9.735712,70.631256,93.085747

2.5712881,-0.503988,9.224032,3.279064,9.802502,70.457069,93.127449

2.5738041,-0.489631,9.291330,3.224029,9.846975,70.888161,93.016563

2.5763204,-0.434297,9.228818,3.235994,9.789349,70.697067,92.694283

2.5788364,-0.448654,9.233903,3.235994,9.794790,70.708214,92.781685

2.5813527,-0.446261,9.250652,3.231208,9.808895,70.766663,92.761871

2.5838628,-0.429512,9.253045,3.255136,9.818311,70.637894,92.657669

2.5863791,-0.400798,9.241081,3.245565,9.802649,70.665016,92.483437

2.5888948,-0.393619,9.272188,3.235994,9.828533,70.777054,92.430840

2.5914109,-0.391227,9.253045,3.240779,9.811959,70.713699,92.421074

2.5939269,-0.393619,9.284152,3.233601,9.839034,70.813133,92.427711

2.5964427,-0.369691,9.320045,3.207280,9.863394,71.024124,92.271515

2.5989590,-0.364905,9.346365,3.209672,9.888866,71.060211,92.235832

2.6014750,-0.321835,9.341579,3.190530,9.876647,71.153267,91.973167

2.6039608,-0.336192,9.365508,3.176173,9.895142,71.277611,92.055855

2.6064763,-0.352941,9.372686,3.159423,9.897160,71.383919,92.156532

2.6089914,-0.326620,9.375079,3.190530,9.908495,71.216118,91.995331

2.6115067,-0.305085,9.382257,3.231208,9.927766,71.005836,91.862442

2.6140220,-0.317049,9.403793,3.224029,9.946165,71.086037,91.931000

2.6165373,-0.305085,9.399008,3.240779,9.946712,70.985092,91.859123

2.6190524,-0.283549,9.372686,3.281457,9.934566,70.712585,91.732826

2.6215677,-0.283549,9.353543,3.245565,9.904689,70.872002,91.736374

2.6241128,-0.297906,9.327223,3.231208,9.875552,70.901535,91.829376

2.6266403,-0.305085,9.269794,3.250350,9.827867,70.687035,91.885025

2.6291566,-0.309871,9.262616,3.240779,9.818082,70.726204,91.916054

2.6316729,-0.293121,9.243474,3.238386,9.798718,70.701431,91.816307

2.6341889,-0.314656,9.221640,3.245565,9.781173,70.620872,91.954262

2.6367054,-0.307478,9.226425,3.243172,9.784663,70.642914,91.908722

2.6392217,-0.295514,9.209675,3.233601,9.765326,70.662575,91.837837

2.6417379,-0.276371,9.183354,3.250350,9.745520,70.517281,91.723785

2.6442440,-0.297906,9.168997,3.259922,9.735827,70.437332,91.860924

2.6467597,-0.324227,9.185747,3.247958,9.748451,70.538292,92.021515

2.6492758,-0.314656,9.164211,3.252743,9.729445,70.468834,91.966499

2.6517918,-0.302692,9.147462,3.262315,9.716500,70.381851,91.895241

2.6543081,-0.324227,9.166604,3.262315,9.735217,70.421112,92.025734

2.6568239,-0.343370,9.154640,3.255136,9.722204,70.438736,92.148033

2.6593399,-0.340977,9.180962,3.259922,9.748508,70.463814,92.126968

2.6618559,-0.357727,9.176176,3.226422,9.733446,70.641495,92.232506

2.6643679,-0.329013,9.207282,3.259922,9.772890,70.514526,92.046539

2.6668837,-0.374477,9.195318,3.271886,9.767260,70.428368,92.332069

2.6693997,-0.400798,9.207282,3.264707,9.777166,70.493645,92.492538

2.6719158,-0.376870,9.204889,3.274279,9.777164,70.434120,92.344513

2.6744313,-0.372084,9.221640,3.276671,9.793551,70.453339,92.310577

2.6769474,-0.384048,9.202497,3.274279,9.775189,70.430008,92.389740

2.6794634,-0.422333,9.214461,3.305385,9.798481,70.285316,92.624245

2.6819794,-0.453440,9.243474,3.286243,9.820734,70.450394,92.808403

2.6845033,-0.424726,9.279366,3.247958,9.840542,70.727654,92.620659

2.6870193,-0.424726,9.248260,3.259922,9.815182,70.601860,92.629456

2.6895356,-0.412762,9.248260,3.243172,9.809120,70.693092,92.555489

2.6920516,-0.400798,9.276974,3.274279,9.846004,70.576439,92.473839

2.6945679,-0.405583,9.262616,3.257529,9.827108,70.641129,92.507217

2.6970842,-0.410369,9.293723,3.245565,9.852684,70.767082,92.528282

2.6996000,-0.398405,9.310472,3.255136,9.871147,70.745628,92.450249

2.7021163,-0.393619,9.327223,3.262315,9.889121,70.737946,92.416512

2.7046120,-0.376870,9.315259,3.257529,9.875605,70.739952,92.316765

2.7071276,-0.398405,9.286545,3.257529,9.849373,70.686630,92.456558

2.7096431,-0.393619,9.300901,3.235994,9.855626,70.831963,92.423340

2.7121589,-0.379262,9.310472,3.200101,9.852380,71.046242,92.332657

2.7146745,-0.352941,9.355937,3.247958,9.909963,70.867935,92.160393

2.7171900,-0.355334,9.363115,3.281457,9.927847,70.699013,92.173355

2.7197058,-0.333799,9.389436,3.228815,9.934695,71.034187,92.036034

2.7222211,-0.374477,9.353543,3.221637,9.899897,71.008904,92.292656

2.7247612,-0.362513,9.351151,3.224029,9.897969,70.990417,92.220055

2.7272775,-0.343370,9.365508,3.195316,9.901549,71.173187,92.099709

2.7297938,-0.324227,9.351151,3.255136,9.906818,70.817673,91.985794

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2.7348261,-0.329013,9.269794,3.274279,9.836576,70.557076,92.032745

2.7373424,-0.326620,9.243474,3.267100,9.809303,70.545303,92.023720

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2.7423749,-0.297906,9.195318,3.267100,9.763021,70.449333,91.855598

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2.7474058,-0.329013,9.164211,3.221637,9.719565,70.642654,92.056145

2.7499220,-0.350549,9.188140,3.221637,9.742882,70.690819,92.184906

2.7524383,-0.321835,9.157033,3.216851,9.710971,70.654762,92.012901

2.7549543,-0.331406,9.161819,3.224029,9.718184,70.624840,92.071632

2.7574706,-0.340977,9.140284,3.226422,9.699013,70.570015,92.136421

2.7599869,-0.355334,9.183354,3.228815,9.740919,70.642021,92.215858

2.7625031,-0.336192,9.176176,3.212065,9.727928,70.719688,92.098228

2.7649829,-0.326620,9.149855,3.231208,9.709131,70.561134,92.044403

2.7674983,-0.348156,9.173783,3.221637,9.729259,70.662704,92.173401

2.7700133,-0.348156,9.183354,3.204887,9.732755,70.774384,92.171135

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2.7750440,-0.376870,9.152247,3.212065,9.706855,70.676170,92.357986

2.7775595,-0.362513,9.173783,3.202494,9.723460,70.770218,92.262932

2.7800746,-0.374477,9.226425,3.238386,9.785413,70.674149,92.324211

2.7825899,-0.386441,9.214461,3.257529,9.780957,70.546112,92.401489

2.7851350,-0.398405,9.204889,3.274279,9.778017,70.435898,92.478325

2.7876594,-0.396012,9.238688,3.286243,9.813745,70.435898,92.454453

2.7901757,-0.407976,9.226425,3.274279,9.798687,70.478844,92.531868

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2.7977242,-0.403191,9.255438,3.262315,9.821832,70.600716,92.494377

2.8002405,-0.379262,9.274581,3.286243,9.846882,70.504410,92.341675

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2.8908179,-0.257228,9.265009,3.214458,9.810163,70.872818,91.590317

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2.9260328,-0.405583,9.241081,3.274279,9.812389,70.507210,92.513054

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2.9990029,-0.276371,9.224032,3.207280,9.769636,70.834946,91.716187

3.0015190,-0.271585,9.231211,3.247958,9.789701,70.623581,91.685173

3.0040352,-0.271585,9.253045,3.240779,9.807918,70.705437,91.681198

3.0065589,-0.288335,9.253045,3.188137,9.791128,70.997169,91.784821

3.0090752,-0.305085,9.255438,3.190530,9.794677,70.989517,91.887947

3.0115917,-0.309871,9.274581,3.204887,9.817595,70.946968,91.913582

3.0141077,-0.314656,9.312865,3.168994,9.842306,71.217484,91.935127

3.0166240,-0.319442,9.267402,3.190530,9.806439,71.013191,91.974167

3.0191402,-0.326620,9.255438,3.219244,9.804762,70.832268,92.021103

3.0216568,-0.297906,9.255438,3.214458,9.802277,70.856834,91.843552

3.0241730,-0.317049,9.231211,3.202494,9.776079,70.877762,91.967072

3.0266480,-0.305085,9.221640,3.231208,9.776114,70.699623,91.894859

3.0291631,-0.314656,9.233903,3.224029,9.785619,70.763626,91.951668

3.0316784,-0.333799,9.233903,3.190530,9.775268,70.950317,92.070297

3.0341935,-0.357727,9.241081,3.257529,9.804950,70.595627,92.216843

3.0367091,-0.362513,9.241081,3.255136,9.804331,70.609177,92.246468

3.0392241,-0.364905,9.245867,3.219244,9.797078,70.816650,92.260109

3.0417395,-0.352941,9.226425,3.245565,9.786990,70.632851,92.190681

3.0442545,-0.357727,9.228818,3.233601,9.785460,70.703934,92.219788

3.0468042,-0.352941,9.250652,3.250350,9.811418,70.653366,92.184952

3.0493202,-0.357727,9.279366,3.269493,9.845009,70.603928,92.207703

3.0518363,-0.379262,9.241081,3.233601,9.797836,70.729279,92.350151

3.0543523,-0.369691,9.180962,3.233601,9.740786,70.611908,92.305893

3.0568686,-0.398405,9.221640,3.264707,9.790591,70.521477,92.473824

3.0593846,-0.384048,9.224032,3.247958,9.786700,70.617401,92.384163

3.0619006,-0.367298,9.243474,3.264707,9.809945,70.561447,92.275505

3.0644169,-0.369691,9.253045,3.224029,9.805605,70.804375,92.287949

3.0669343,-0.367298,9.238688,3.214458,9.788821,70.829491,92.276680

3.0694506,-0.338584,9.219247,3.252743,9.782101,70.578201,92.103287

3.0719666,-0.362513,9.245867,3.228815,9.800138,70.763618,92.245308

3.0744829,-0.348156,9.265009,3.233601,9.819256,70.772964,92.152016

3.0769992,-0.331406,9.226425,3.247958,9.787031,70.618080,92.057137

3.0795150,-0.319442,9.265009,3.233601,9.818279,70.770981,91.974678

3.0820313,-0.321835,9.253045,3.200101,9.796074,70.933105,91.992027

3.0845475,-0.350549,9.245867,3.247958,9.806027,70.657127,92.171280

3.0870683,-0.300299,9.286545,3.238386,9.839575,70.784721,91.852127

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3.0921009,-0.331406,9.233903,3.240779,9.791702,70.672218,92.055473

3.0946174,-0.324227,9.265009,3.247958,9.823174,70.692230,92.004242

3.0971334,-0.307478,9.241081,3.291028,9.814428,70.407661,91.905693

3.0996497,-0.305085,9.236296,3.226422,9.788363,70.754395,91.891853

3.1021659,-0.309871,9.221640,3.209672,9.769169,70.819138,91.924561

3.1046822,-0.290728,9.267402,3.240779,9.822011,70.734215,91.796837

3.1071887,-0.312263,9.262616,3.231208,9.815002,70.779099,91.930840

3.1097050,-0.295514,9.260223,3.252743,9.819338,70.654793,91.827812

3.1122208,-0.300299,9.228818,3.214458,9.777219,70.805855,91.863708

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3.1172528,-0.305085,9.238688,3.202494,9.782761,70.891327,91.891365

3.1197691,-0.302692,9.236296,3.197708,9.778861,70.913078,91.877029

3.1222849,-0.278764,9.248260,3.231208,9.800445,70.749420,91.726501

3.1248009,-0.293121,9.245867,3.202494,9.789175,70.904335,91.815834

3.1273153,-0.281157,9.260223,3.188137,9.797704,71.010406,91.739067

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3.1348636,-0.302692,9.272188,3.185744,9.808876,71.047646,91.869766

3.1373794,-0.285942,9.288938,3.216851,9.834341,70.906914,91.763184

3.1398954,-0.319442,9.303294,3.200101,9.843473,71.028442,91.966560

3.1424115,-0.314656,9.293723,3.207280,9.836613,70.970482,91.939117

3.1449275,-0.338584,9.303294,3.226422,9.852701,70.884972,92.084305

3.1474478,-0.357727,9.276974,3.188137,9.816029,71.047211,92.208275

3.1499636,-0.355334,9.265009,3.226422,9.817151,70.813049,92.196350

3.1524799,-0.362513,9.241081,3.219244,9.792473,70.807274,92.246468

3.1549959,-0.340977,9.207282,3.216851,9.759018,70.753769,92.120888

3.1575122,-0.331406,9.236296,3.216851,9.786068,70.809052,92.054939

3.1600280,-0.352941,9.197711,3.209672,9.748048,70.775948,92.197517

3.1625443,-0.345763,9.204889,3.195316,9.749850,70.868965,92.151184

3.1650603,-0.374477,9.185747,3.178566,9.727357,70.927422,92.334496

3.1675801,-0.372084,9.159426,3.235994,9.721377,70.556694,92.326248

3.1700959,-0.364905,9.212068,3.226422,9.767555,70.711777,92.268394

3.1726122,-0.376870,9.190533,3.188137,9.735098,70.883560,92.348167

3.1751285,-0.381655,9.176176,3.216851,9.731187,70.696548,92.381668

3.1776447,-0.364905,9.224032,3.209672,9.773327,70.827614,92.265457

3.1801610,-0.369691,9.255438,3.190530,9.796902,70.993996,92.287354

3.1826773,-0.352941,9.286545,3.200101,9.828791,70.999016,92.176514

3.1851933,-0.388834,9.262616,3.171387,9.798211,71.114983,92.403801

3.1876807,-0.372084,9.272188,3.204887,9.817495,70.946770,92.297989

3.1901960,-0.396012,9.291330,3.269493,9.857749,70.629997,92.440567

3.1927116,-0.400798,9.267402,3.274279,9.836985,70.557915,92.476395

3.1952271,-0.381655,9.272188,3.245565,9.831217,70.723427,92.357040

3.1977425,-0.391227,9.288938,3.267100,9.854510,70.638123,92.411728

3.2002580,-0.388834,9.298509,3.235994,9.853178,70.827019,92.394531

3.2027733,-0.386441,9.308080,3.259922,9.869994,70.713860,92.377365

3.2052889,-0.386441,9.288938,3.264707,9.853528,70.650864,92.382263

3.2078309,-0.386441,9.267402,3.240779,9.825310,70.740944,92.387787

3.2103469,-0.419940,9.291330,3.269493,9.858740,70.632019,92.587837

3.2128632,-0.388834,9.276974,3.314957,9.859126,70.352509,92.400085

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3.2254438,-0.384048,9.341579,3.247958,9.897567,70.843040,92.354202

3.2279551,-0.384048,9.260223,3.231208,9.815290,70.779686,92.374863

3.2304714,-0.352941,9.253045,3.235994,9.808928,70.737122,92.184387

3.2329874,-0.376870,9.243474,3.224029,9.796846,70.786537,92.334740

3.2355032,-0.398405,9.262616,3.212065,9.811837,70.890999,92.462898

3.2380192,-0.386441,9.241081,3.235994,9.798907,70.716644,92.394585

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3.2430513,-0.381655,9.260223,3.197708,9.804220,70.964355,92.360077

3.2455671,-0.384048,9.188140,3.224029,9.744935,70.680138,92.393471

3.2480795,-0.400798,9.233903,3.235994,9.792714,70.703964,92.485367

3.2505956,-0.388834,9.212068,3.212065,9.763746,70.793198,92.416969

3.2531114,-0.417548,9.204889,3.200101,9.754229,70.848129,92.597244

3.2556274,-0.396012,9.190533,3.197708,9.738997,70.831909,92.467300

3.2581432,-0.360120,9.197711,3.231208,9.755423,70.657051,92.242165

3.2606592,-0.393619,9.197711,3.240779,9.759891,70.606705,92.450500

3.2631750,-0.362513,9.245867,3.245565,9.805670,70.671211,92.245308

3.2656910,-0.355334,9.216854,3.214458,9.767774,70.786560,92.207809

3.2682123,-0.350549,9.265009,3.216851,9.813838,70.865471,92.166794

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3.2732446,-0.372084,9.233903,3.243172,9.793956,70.662010,92.307510

3.2757607,-0.352941,9.245867,3.204887,9.791931,70.895096,92.186081

3.2782767,-0.333799,9.236296,3.204887,9.782223,70.875397,92.069763

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3.2833087,-0.345763,9.238688,3.200101,9.783331,70.907310,92.143326

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3.2933879,-0.338584,9.253045,3.195316,9.795076,70.960709,92.095612

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3.3034537,-0.331406,9.255438,3.214458,9.803351,70.859016,92.050690

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3.3135047,-0.355334,9.334401,3.235994,9.885796,70.892738,92.180038

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3.3185368,-0.367298,9.324830,3.195316,9.863945,71.098701,92.255676

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3.3235691,-0.424726,9.355937,3.228815,9.906523,70.978180,92.599236

3.3260851,-0.429512,9.329616,3.228815,9.881875,70.928909,92.635887

3.3286035,-0.398405,9.320045,3.255136,9.880176,70.763916,92.447739

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3.3336358,-0.388834,9.317652,3.245565,9.874387,70.811005,92.389618

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3.3437004,-0.412762,9.212068,3.235994,9.772626,70.662720,92.565514

3.3462164,-0.415155,9.228818,3.276671,9.802041,70.470963,92.575691

3.3487358,-0.431904,9.212068,3.231208,9.771870,70.690903,92.684326

3.3512518,-0.439083,9.202497,3.216851,9.758426,70.752556,92.731705

3.3537681,-0.434297,9.183354,3.259922,9.754471,70.476242,92.707603

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3.3588006,-0.439083,9.228818,3.216851,9.783251,70.803314,92.723930

3.3613167,-0.396012,9.204889,3.221637,9.760418,70.726883,92.463455

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3.3663492,-0.405583,9.168997,3.204887,9.721436,70.751122,92.532784

3.3688564,-0.393619,9.231211,3.216851,9.783574,70.803970,92.441620

3.3713725,-0.388834,9.197711,3.176173,9.738437,70.964851,92.420738

3.3738885,-0.422333,9.255438,3.221637,9.809202,70.826485,92.612640

3.3764043,-0.396012,9.226425,3.228815,9.783097,70.728790,92.457710

3.3789203,-0.391227,9.207282,3.233601,9.766436,70.664856,92.433090

3.3814366,-0.352941,9.238688,3.202494,9.784369,70.894592,92.187782

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3.3889902,-0.331406,9.216854,3.216851,9.767720,70.771591,92.059273

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3.4116302,-0.352941,9.279366,3.161816,9.809602,71.196808,92.178200

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3.4972444,-0.417548,9.322437,3.178566,9.858269,71.190277,92.564537

3.4997613,-0.419940,9.286545,3.212065,9.835325,70.938400,92.589172

3.5022783,-0.400798,9.312865,3.202494,9.856271,71.039307,92.464317

3.5047951,-0.362513,9.288938,3.171387,9.822091,71.162628,92.234909

3.5073121,-0.398405,9.312865,3.183352,9.849971,71.144417,92.449623

3.5098035,-0.403191,9.320045,3.178566,9.855408,71.184608,92.477104

3.5123196,-0.369691,9.329616,3.185744,9.865463,71.160461,92.269188

3.5148358,-0.336192,9.360723,3.195316,9.896777,71.163765,92.056900

3.5173523,-0.355334,9.360723,3.214458,9.903642,71.060272,92.173912

3.5198686,-0.338584,9.310472,3.240779,9.864187,70.819824,92.082703

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3.5249014,-0.357727,9.312865,3.197708,9.853059,71.062309,92.199768

3.5274174,-0.348156,9.286545,3.195316,9.827064,71.025055,92.147034

3.5299289,-0.345763,9.293723,3.202494,9.836098,70.998932,92.130646

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3.5374775,-0.340977,9.274581,3.195316,9.815506,71.001854,92.105515

3.5399938,-0.348156,9.243474,3.231208,9.798149,70.744736,92.157028

3.5425100,-0.362513,9.233903,3.207280,9.781770,70.859642,92.248215

3.5450263,-0.345763,9.245867,3.161816,9.777662,71.133064,92.141663

3.5475423,-0.407976,9.262616,3.171387,9.798989,71.116539,92.521988

3.5500872,-0.379262,9.241081,3.188137,9.782926,70.980621,92.350151

3.5526099,-0.410369,9.226425,3.212065,9.778174,70.822647,92.546700

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3.5651951,-0.441476,9.228818,3.192923,9.775517,70.935982,92.738754

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3.6733789,-0.501595,9.267402,3.120839,9.791627,71.414146,93.098091

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3.9904017,-0.542273,9.305687,3.202494,9.856258,71.039284,93.335045

3.9929132,-0.530309,9.298509,3.176173,9.840303,71.169365,93.264137

3.9954295,-0.520738,9.310472,3.166602,9.848017,71.243484,93.201241

3.9979455,-0.499203,9.322437,3.137589,9.848934,71.423447,93.065178

4.0004616,-0.520738,9.284152,3.161816,9.821595,71.220627,93.210297

4.0029778,-0.496810,9.286545,3.159423,9.821848,71.235870,93.062279

4.0054941,-0.470489,9.284152,3.130410,9.808991,71.389267,92.901070

4.0080099,-0.484846,9.265009,3.173780,9.805527,71.114822,92.995605

4.0105262,-0.467797,9.305687,3.147160,9.834595,71.336525,92.877838

4.0130439,-0.477667,9.303294,3.164209,9.838276,71.238937,92.939209

4.0155597,-0.470489,9.241081,3.185744,9.786108,71.001862,92.914566

4.0180759,-0.448654,9.219247,3.142374,9.750401,71.199043,92.786102

4.0205922,-0.458226,9.262616,3.135196,9.789559,71.321404,92.832138

4.0231080,-0.458226,9.276974,3.161816,9.811691,71.200958,92.827759

4.0256243,-0.443869,9.262616,3.154338,9.795046,71.214020,92.743538

4.0281405,-0.451047,9.212068,3.166602,9.751564,71.050926,92.803116

4.0306568,-0.424726,9.216854,3.180959,9.759574,70.977943,92.638405

4.0331745,-0.448654,9.228818,3.159423,9.764955,71.122421,92.783211

4.0356908,-0.470489,9.233903,3.166602,9.773110,71.094292,92.916832

4.0382071,-0.472882,9.250652,3.159423,9.786733,71.166016,92.926338

4.0407233,-0.441476,9.214461,3.142374,9.745548,71.189331,92.743011

4.0432396,-0.424726,9.243474,3.168994,9.780834,71.094971,92.630821

4.0457559,-0.412762,9.260223,3.161816,9.793835,71.165390,92.552193

4.0482721,-0.448654,9.250652,3.154338,9.783952,71.191917,92.776657

4.0507884,-0.443869,9.236296,3.154338,9.770161,71.164368,92.751343

4.0533037,-0.441476,9.236296,3.149553,9.768508,71.190720,92.736534

4.0558200,-0.434297,9.236296,3.144767,9.766644,71.216652,92.692108

4.0583363,-0.451047,9.265009,3.144767,9.794559,71.272179,92.787125

4.0608525,-0.427119,9.267402,3.113661,9.785809,71.447029,92.638802

4.0633688,-0.448654,9.293723,3.120839,9.813981,71.458031,92.763809

4.0658846,-0.451047,9.300901,3.139982,9.826988,71.365715,92.776382

4.0684009,-0.429512,9.279366,3.144767,9.807175,71.297165,92.650146

4.0709171,-0.453440,9.305687,3.132803,9.829337,71.414490,92.789658

4.0733876,-0.448654,9.305687,3.178566,9.843800,71.161583,92.760262

4.0758715,-0.427119,9.332008,3.176173,9.866960,71.222137,92.620552

4.0783858,-0.412762,9.355937,3.183352,9.891292,71.226143,92.526115

4.0809002,-0.403191,9.322437,3.197708,9.863860,71.083839,92.476471

4.0834141,-0.458226,9.320045,3.149553,9.848496,71.349144,92.814713

4.0859284,-0.422333,9.303294,3.120839,9.821877,71.473473,92.599220

4.0884428,-0.407976,9.272188,3.142374,9.798696,71.295151,92.519386

4.0909572,-0.453440,9.262616,3.128017,9.787040,71.360771,92.802605

4.0935020,-0.431904,9.269794,3.135196,9.795156,71.332474,92.667633

4.0960474,-0.458226,9.267402,3.166602,9.804187,71.156479,92.830681

4.0985923,-0.443869,9.265009,3.144767,9.794231,71.271530,92.742836

4.1011162,-0.458226,9.241081,3.135196,9.769186,71.280998,92.838730

4.1036329,-0.460618,9.288938,3.195316,9.833950,71.038849,92.838852

4.1061497,-0.489631,9.284152,3.154338,9.817590,71.258766,93.018890

4.1086664,-0.429512,9.253045,3.164209,9.788541,71.140022,92.657669

4.1111827,-0.436690,9.286545,3.192923,9.829821,71.045326,92.692291

4.1136975,-0.470489,9.279366,3.197708,9.826157,71.008484,92.902565

4.1162143,-0.470489,9.291330,3.226422,9.846826,70.873123,92.898834

4.1187310,-0.487238,9.312865,3.164209,9.847795,71.257751,92.994919

4.1212473,-0.494417,9.257831,3.144767,9.789864,71.262863,93.056992

4.1237640,-0.477667,9.276974,3.154338,9.810212,71.244148,92.947533

4.1262808,-0.511167,9.279366,3.200101,9.828966,70.999367,93.153030

4.1287975,-0.506381,9.284152,3.171387,9.823930,71.166283,93.121964

4.1313138,-0.472882,9.262616,3.164209,9.799586,71.162086,92.922569

4.1337867,-0.470489,9.245867,3.171387,9.785965,71.090454,92.913063

4.1363025,-0.467797,9.236296,3.151946,9.770504,71.179878,92.899422

4.1388178,-0.475274,9.250652,3.164209,9.788395,71.139732,92.941124

4.1413336,-0.463011,9.286545,3.224029,9.841171,70.876450,92.854309

4.1438489,-0.439083,9.257831,3.216851,9.810624,70.858963,92.715408

4.1463642,-0.475274,9.243474,3.171387,9.783936,71.086380,92.943405

4.1488800,-0.489631,9.272188,3.188137,9.817201,71.049561,93.022781

4.1513953,-0.475274,9.274581,3.176173,9.814877,71.118736,92.933548

4.1539178,-0.482453,9.245867,3.185744,9.791209,71.012138,92.987007

4.1564331,-0.472882,9.241081,3.185744,9.786223,71.002098,92.929367

4.1589489,-0.480060,9.260223,3.161816,9.796902,71.171516,92.967621

4.1614647,-0.460618,9.248260,3.216851,9.802581,70.842644,92.851311

4.1639805,-0.477667,9.255438,3.171387,9.795356,71.109268,92.954376

4.1664963,-0.518345,9.286545,3.159423,9.822961,71.238075,93.194756

4.1690116,-0.511167,9.269794,3.178566,9.812934,71.100090,93.156281

4.1715274,-0.506381,9.269794,3.176173,9.811911,71.112816,93.126785

4.1740723,-0.530309,9.315259,3.173780,9.855362,71.213905,93.258278

4.1765985,-0.535095,9.293723,3.190530,9.840686,71.081779,93.295219

4.1791153,-0.503988,9.312865,3.207280,9.862561,71.022461,93.097679

4.1816320,-0.520738,9.320045,3.130410,9.845500,71.460800,93.197960

4.1841488,-0.508774,9.320045,3.147160,9.850213,71.367203,93.124634

4.1866651,-0.487238,9.279366,3.180959,9.821535,71.102516,93.005714

4.1891818,-0.535095,9.296116,3.166602,9.835216,71.218155,93.294373

4.1916986,-0.508774,9.279366,3.149553,9.812501,71.278191,93.138298

4.1942101,-0.482453,9.286545,3.166602,9.823443,71.194809,92.973946

4.1967268,-0.511167,9.296116,3.151946,9.829233,71.296516,93.147362

4.1992435,-0.511167,9.281759,3.197708,9.830447,71.017090,93.152222

4.2017598,-0.494417,9.231211,3.233601,9.793664,70.720741,93.065788

4.2042766,-0.487238,9.212068,3.192923,9.761883,70.908325,93.027626

4.2067928,-0.484846,9.250652,3.195316,9.798964,70.968552,93.000244

4.2093096,-0.458226,9.245867,3.204887,9.796291,70.903931,92.837257

4.2118258,-0.484846,9.207282,3.209672,9.762741,70.806015,93.014351

4.2143378,-0.460618,9.226425,3.157030,9.762476,71.132286,92.858047

4.2168546,-0.443869,9.207282,3.228815,9.767103,70.695976,92.760002

4.2193708,-0.453440,9.204889,3.219244,9.762127,70.745262,92.820152

4.2218871,-0.443869,9.243474,3.202494,9.792589,70.911247,92.749214

4.2244034,-0.441476,9.192925,3.200101,9.743995,70.827232,92.749428

4.2269201,-0.417548,9.207282,3.204887,9.758058,70.826195,92.596565

4.2294364,-0.458226,9.231211,3.192923,9.778546,70.942116,92.841759

4.2319527,-0.396012,9.260223,3.157030,9.791598,71.190514,92.448753

4.2344675,-0.405583,9.214461,3.171387,9.753384,71.024872,92.520302

4.2369838,-0.446261,9.250652,3.173780,9.790128,71.083992,92.761871

4.2395000,-0.431904,9.219247,3.192923,9.766054,70.916794,92.682236

4.2420168,-0.396012,9.226425,3.195316,9.772093,70.914200,92.457710

4.2445331,-0.439083,9.260223,3.166602,9.796525,71.141190,92.714706

4.2470493,-0.427119,9.272188,3.157030,9.804221,71.215637,92.637436

4.2495656,-0.436690,9.279366,3.159423,9.812201,71.216736,92.694374

4.2520819,-0.439083,9.291330,3.159423,9.823623,71.239388,92.705627

4.2545958,-0.422333,9.265009,3.164209,9.799540,71.161987,92.609947

4.2571120,-0.419940,9.262616,3.183352,9.803374,71.051392,92.595848

4.2596283,-0.441476,9.281759,3.139982,9.808437,71.329170,92.723152

4.2621446,-0.419940,9.262616,3.144767,9.790913,71.264946,92.595848

4.2646608,-0.458226,9.274581,3.130410,9.799352,71.370293,92.828491

4.2671776,-0.400798,9.303294,3.164209,9.834843,71.232140,92.466850

4.2696934,-0.388834,9.300901,3.173780,9.835184,71.173920,92.393913

4.2722096,-0.431904,9.300901,3.157030,9.831590,71.269882,92.658722

4.2747254,-0.403191,9.305687,3.135196,9.827910,71.396973,92.480919

4.2772417,-0.396012,9.286545,3.147160,9.813325,71.294571,92.441818

4.2797585,-0.441476,9.276974,3.111268,9.794750,71.479347,92.724556

4.2822742,-0.429512,9.265009,3.101696,9.779846,71.509232,92.654243

4.2847905,-0.434297,9.284152,3.132803,9.808085,71.372734,92.678253

4.2873068,-0.448654,9.293723,3.113661,9.811701,71.497772,92.763809

4.2898235,-0.412762,9.241081,3.099303,9.755697,71.476616,92.557472

4.2923398,-0.443869,9.248260,3.147160,9.779159,71.226784,92.747795

4.2948523,-0.451047,9.276974,3.166602,9.812902,71.173851,92.783531

4.2973685,-0.460618,9.293723,3.144767,9.822169,71.326775,92.837387

4.2998848,-0.446261,9.284152,3.087339,9.794197,71.625824,92.751923

4.3024011,-0.487238,9.272188,3.096911,9.787836,71.554405,93.008034

4.3049173,-0.484846,9.260223,3.132803,9.787812,71.332733,92.997147

4.3074331,-0.475274,9.308080,3.118446,9.828069,71.500282,92.923004

4.3099499,-0.511167,9.298509,3.096911,9.813991,71.605331,93.146553

4.3124657,-0.489631,9.221640,3.111268,9.744658,71.380653,93.039314

4.3149681,-0.487238,9.260223,3.137589,9.789464,71.306427,93.011909

4.3174839,-0.492024,9.274581,3.092125,9.788830,71.585869,93.036743

4.3199992,-0.475274,9.284152,3.077768,9.792549,71.681625,92.930527

4.3225155,-0.467797,9.276974,3.135196,9.803597,71.349136,92.886726

4.3250313,-0.475274,9.255438,3.149553,9.788192,71.229958,92.939606

4.3275471,-0.467797,9.260223,3.149553,9.792357,71.238243,92.891937

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4.3376260,-0.410369,9.269794,3.154338,9.800375,71.224617,92.534798

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4.3527231,-0.460618,9.279366,3.116053,9.799418,71.458977,92.841774

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4.3602705,-0.446261,9.298509,3.149553,9.827568,71.307961,92.747673

4.3627872,-0.439083,9.312865,3.176173,9.849382,71.187370,92.699379

4.3653030,-0.443869,9.327223,3.154338,9.856164,71.334831,92.724564

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4.3703356,-0.436690,9.281759,3.120839,9.802112,71.434753,92.693680

4.3728514,-0.436690,9.308080,3.101696,9.820976,71.589455,92.686073

4.3753676,-0.431904,9.279366,3.157030,9.811219,71.229538,92.664886

4.3778834,-0.415155,9.324830,3.157030,9.853510,71.313095,92.549210

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4.3980117,-0.436690,9.272188,3.154338,9.803776,71.231369,92.696457

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4.4080763,-0.487238,9.262616,3.118446,9.785610,71.417084,93.011139

4.4105921,-0.496810,9.284152,3.111268,9.804197,71.497841,93.063065

4.4131088,-0.427119,9.257831,3.108875,9.775222,71.455795,92.641525

4.4155874,-0.436690,9.253045,3.139982,9.781054,71.274963,92.702026

4.4181023,-0.470489,9.262616,3.157030,9.797155,71.201584,92.907806

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4.4256482,-0.455833,9.267402,3.099303,9.782546,71.529297,92.815918

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4.4508529,-0.396012,9.363115,3.128017,9.879739,71.542007,92.421875

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4.4558806,-0.376870,9.377472,3.157030,9.901811,71.407593,92.301414

4.4583964,-0.348156,9.341579,3.188137,9.876767,71.168167,92.134392

4.4609132,-0.360120,9.351151,3.166602,9.879325,71.305130,92.205414

4.4634290,-0.355334,9.296116,3.139982,9.818529,71.349068,92.189003

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4.5087161,-0.429512,9.320045,3.063411,9.819990,71.822815,92.638596

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12.9963026,-0.206979,9.250652,3.271886,9.814410,70.526207,91.281754

12.9988184,-0.230907,9.253045,3.233601,9.804506,70.742905,91.429504

13.0013332,-0.245264,9.262616,3.228815,9.812312,70.788422,91.516777

13.0038471,-0.209372,9.257831,3.264707,9.818838,70.579765,91.295563

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13.0088778,-0.170788,9.272188,3.250350,9.826873,70.685005,91.055229

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13.0164251,-0.189930,9.243474,3.219244,9.789863,70.801956,91.177116

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13.0214558,-0.149252,9.245867,3.238386,9.797729,70.699402,90.924820

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13.0290070,-0.142074,9.253045,3.207280,9.794166,70.884811,90.879669

13.0315228,-0.170788,9.233903,3.231208,9.784418,70.716644,91.059608

13.0340376,-0.137288,9.250652,3.245565,9.804443,70.668694,90.850258

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13.0415850,-0.230907,9.260223,3.264707,9.821577,70.585396,91.428398

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13.0516491,-0.240479,9.228818,3.214458,9.775564,70.802475,91.492638

13.0541639,-0.240479,9.241081,3.173780,9.773858,71.051308,91.490662

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13.0642204,-0.242871,9.265009,3.185744,9.800426,71.030678,91.501602

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13.0692511,-0.202194,9.298509,3.228815,9.845222,70.855148,91.245682

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13.0742817,-0.197109,9.274581,3.224029,9.820951,70.835541,91.217499

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13.1120138,-0.214158,9.255438,3.171387,9.786045,71.090614,91.325508

13.1145287,-0.187537,9.276974,3.190530,9.812079,71.024521,91.158096

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13.1195593,-0.180359,9.341579,3.147160,9.859120,71.384659,91.106079

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13.1321392,-0.240479,9.363115,3.176173,9.890088,71.267693,91.471237

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13.1472015,-0.269193,9.370294,3.207280,9.907649,71.112106,91.645554

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13.1572599,-0.214158,9.262616,3.221637,9.809223,70.826530,91.324478

13.1597748,-0.218943,9.260223,3.250350,9.816540,70.663864,91.354416

13.1622896,-0.223729,9.284152,3.279064,9.848746,70.552544,91.380440

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13.1723881,-0.338584,9.353543,3.228815,9.900942,70.967049,92.073120

13.1749048,-0.326620,9.284152,3.209672,9.828741,70.939896,92.014854

13.1774197,-0.288335,9.262616,3.180959,9.797841,71.055077,91.782982

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13.1824512,-0.290728,9.274581,3.168994,9.805351,71.144028,91.795448

13.1849651,-0.283549,9.248260,3.151946,9.774736,71.188339,91.756126

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13.2000589,-0.326620,9.241081,3.216851,9.790423,70.817924,92.024239

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13.2101212,-0.281157,9.279366,3.142374,9.801031,71.299774,91.735481

13.2126369,-0.259621,9.308080,3.116053,9.819243,71.497772,91.597679

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13.2227001,-0.259621,9.384650,3.135196,9.897905,71.533295,91.584656

13.2252150,-0.259621,9.367901,3.106482,9.872953,71.660576,91.587486

13.2277308,-0.250050,9.379865,3.104089,9.883307,71.695084,91.527039

13.2302465,-0.264407,9.379865,3.128017,9.891222,71.564209,91.614670

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13.2881126,-0.326620,9.245867,3.123232,9.764595,71.345985,92.023193

13.2906284,-0.314656,9.284152,3.092125,9.790594,71.589310,91.941109

13.2931452,-0.319442,9.296116,3.113661,9.808909,71.492317,91.968079

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13.2981758,-0.357727,9.377472,3.123232,9.890375,71.591789,92.184631

13.3006916,-0.372084,9.399008,3.135196,9.915102,71.566483,92.267014

13.3032112,-0.362513,9.401401,3.137589,9.917772,71.557053,92.208199

13.3057280,-0.400798,9.399008,3.142374,9.918493,71.529297,92.441757

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13.3208237,-0.321835,9.406186,3.171387,9.931646,71.378113,91.959625

13.3233433,-0.290728,9.396614,3.144767,9.913145,71.504387,91.772148

13.3258591,-0.288335,9.382257,3.120839,9.891892,71.609322,91.760254

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13.4114180,-0.384048,9.305687,3.135196,9.827144,71.395470,92.363274

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13.4919443,-0.125324,9.334401,3.135196,9.847650,71.435623,90.769211

13.4944611,-0.108574,9.324830,3.168994,9.849201,71.231125,90.667099

13.4969769,-0.118146,9.332008,3.147160,9.849110,71.365044,90.725342

13.4994936,-0.161216,9.346365,3.139982,9.861035,71.432411,90.988205

13.5020103,-0.132503,9.336794,3.144767,9.853062,71.387474,90.813057

13.5045271,-0.118146,9.324830,3.137589,9.839252,71.404503,90.725899

13.5070438,-0.139681,9.281759,3.137589,9.798726,71.324753,90.862175

13.5095596,-0.163609,9.308080,3.116053,9.817174,71.493736,91.006989

13.5120773,-0.137288,9.281759,3.130410,9.796395,71.364456,90.847412

13.5145931,-0.144467,9.243474,3.149553,9.766390,71.186485,90.895409

13.5171089,-0.168395,9.228818,3.166602,9.758422,71.064751,91.045341

13.5196257,-0.187537,9.212068,3.171387,9.744489,71.006889,91.166252

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13.5246601,-0.197109,9.188140,3.161816,9.718943,71.014725,91.228951

13.5271769,-0.199502,9.219247,3.116053,9.733658,71.329102,91.239670

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13.5322094,-0.233300,9.209675,3.151946,9.736904,71.112480,91.451111

13.5347261,-0.228515,9.221640,3.104089,9.732739,71.401604,91.419510

13.5372429,-0.177966,9.231211,3.106482,9.741517,71.404129,91.104454

13.5397587,-0.214158,9.231211,3.108875,9.743009,71.392235,91.328987

13.5422754,-0.187537,9.248260,3.106482,9.757854,71.436401,91.161690

13.5447903,-0.149252,9.293723,3.046661,9.781498,71.852043,90.920059

13.5473080,-0.120538,9.329616,3.077768,9.824913,71.744102,90.740219

13.5498238,-0.089432,9.351151,3.072983,9.843537,71.809174,90.547943

13.5523405,-0.118146,9.363115,3.025126,9.840390,72.096230,90.722931

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13.5573721,-0.115753,9.363115,3.053840,9.849227,71.937225,90.708290

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13.6001558,-0.276371,9.221640,3.147160,9.747802,71.164124,91.716629

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13.6051531,-0.269193,9.245867,3.157030,9.773707,71.154793,91.667686

13.6076679,-0.252443,9.216854,3.176173,9.752036,70.992416,91.568893

13.6101847,-0.240479,9.248260,3.168994,9.779093,71.091476,91.489502

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13.6227617,-0.288335,9.284152,3.149553,9.808073,71.269424,91.778847

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13.6278000,-0.312263,9.310472,3.157030,9.836120,71.278824,91.920921

13.6303158,-0.269193,9.343972,3.173780,9.871938,71.246628,91.650192

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13.6353483,-0.324227,9.365508,3.159423,9.889380,71.368736,91.982750

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13.6428947,-0.357727,9.394221,3.111268,9.902493,71.688057,92.180740

13.6454182,-0.336192,9.442079,3.061018,9.931551,72.048515,92.039192

13.6479340,-0.329013,9.422935,3.087339,9.921271,71.869408,91.999741

13.6504498,-0.338584,9.418150,3.106482,9.923024,71.756386,92.058907

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13.6731234,-0.281157,9.312865,3.080161,9.813047,71.706528,91.729240

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13.6831894,-0.262014,9.267402,3.072983,9.767118,71.661804,91.619476

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13.7058125,-0.230907,9.296116,3.104089,9.803391,71.540497,91.422882

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13.7536573,-0.180359,9.308080,3.106482,9.814434,71.547295,91.110062

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13.7612066,-0.166002,9.284152,3.116053,9.794530,71.449387,91.024345

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13.7662334,-0.163609,9.296116,3.188137,9.828976,71.073128,91.008286

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13.9926949,-0.269193,9.315259,3.173780,9.844765,71.192924,91.655273

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14.0202389,-0.223729,9.312865,3.214458,9.854555,70.962311,91.376190

14.0227518,-0.226122,9.315259,3.185744,9.847545,71.124886,91.390541

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14.1839180,-0.218943,9.241081,3.214458,9.786636,70.825043,91.357224

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15.9928370,-0.273978,9.212068,3.137589,9.735591,71.199120,91.703545

15.9953527,-0.278764,9.195318,3.130410,9.717565,71.207642,91.736435

15.9978685,-0.285942,9.216854,3.183352,9.755301,70.954422,91.776962

16.0004139,-0.276371,9.243474,3.207280,9.787994,70.872292,91.712578

16.0029392,-0.288335,9.260223,3.185744,9.797134,71.024063,91.783440

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16.0079727,-0.293121,9.224032,3.161816,9.755295,71.088165,91.820129

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16.0130062,-0.297906,9.288938,3.171387,9.819919,71.158302,91.836906

16.0155239,-0.321835,9.300901,3.142374,9.822671,71.342499,91.981789

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16.0230675,-0.317049,9.346365,3.164209,9.872551,71.306488,91.942856

16.0255852,-0.266800,9.327223,3.178566,9.857563,71.188881,91.638466

16.0281010,-0.269193,9.322437,3.185744,9.855418,71.140533,91.653999

16.0306187,-0.281157,9.334401,3.190530,9.868615,71.137344,91.725258

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16.0406780,-0.273978,9.336794,3.135196,9.852930,71.445938,91.680801

16.0431957,-0.285942,9.312865,3.178566,9.844517,71.163010,91.758659

16.0457115,-0.230907,9.324830,3.192923,9.859033,71.103622,91.418503

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16.0507450,-0.214158,9.308080,3.221637,9.852165,70.913345,91.318016

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16.0809345,-0.338584,9.236296,3.245565,9.795790,70.650940,92.099411

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16.0859661,-0.360120,9.257831,3.240779,9.815282,70.720490,92.227623

16.0884838,-0.364905,9.255438,3.233601,9.810834,70.755814,92.257774

16.0909996,-0.376870,9.281759,3.245565,9.840059,70.741432,92.325119

16.0935154,-0.369691,9.293723,3.252743,9.853441,70.724403,92.277946

16.0960312,-0.357727,9.291330,3.281457,9.860261,70.561417,92.204865

16.0985489,-0.396012,9.291330,3.257529,9.853788,70.695625,92.440567

16.1010628,-0.417548,9.250652,3.271886,9.821108,70.540024,92.584412

16.1035805,-0.398405,9.255438,3.276671,9.826415,70.521362,92.464806

16.1060963,-0.403191,9.274581,3.255136,9.837496,70.677155,92.489235

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16.1111279,-0.398405,9.267402,3.235994,9.824211,70.768265,92.461624

16.1136456,-0.384048,9.269794,3.224029,9.821962,70.837593,92.372414

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16.1186771,-0.443869,9.276974,3.243172,9.837552,70.751091,92.739304

16.1211948,-0.429512,9.267402,3.235994,9.825521,70.770927,92.653557

16.1237106,-0.403191,9.310472,3.262315,9.873711,70.706696,92.479645

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16.1287422,-0.384048,9.274581,3.192923,9.816319,71.018257,92.371185

16.1312580,-0.367298,9.284152,3.207280,9.829396,70.955971,92.265549

16.1337757,-0.357727,9.296116,3.204887,9.839565,70.991142,92.203728

16.1362915,-0.372084,9.339187,3.178566,9.872291,71.217995,92.281525

16.1388073,-0.362513,9.329616,3.157030,9.855962,71.317917,92.225174

16.1413212,-0.331406,9.327223,3.166602,9.855673,71.258598,92.034920

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16.1488705,-0.297906,9.346365,3.252743,9.900688,70.819992,91.825630

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16.1589355,-0.264407,9.248260,3.353242,9.840958,70.077827,91.637634

16.1614456,-0.281157,9.214461,3.379563,9.818696,69.867233,91.747696

16.1639633,-0.245264,9.226425,3.369992,9.825677,69.941582,91.522728

16.1664791,-0.240479,9.183354,3.360420,9.781833,69.907494,91.500023

16.1689949,-0.285942,9.154640,3.350849,9.752814,69.905006,91.789032

16.1715107,-0.285942,9.152247,3.310171,9.736664,70.124969,91.789505

16.1740265,-0.276371,9.180962,3.334099,9.771523,70.049652,91.724236

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16.1790600,-0.297906,9.188140,3.314957,9.772389,70.170845,91.857048

16.1815720,-0.309871,9.200104,3.307778,9.781581,70.234947,91.929062

16.1840878,-0.302692,9.224032,3.338885,9.814405,70.110794,91.879517

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16.1891193,-0.324227,9.200104,3.334099,9.790978,70.090973,92.018364

16.1916351,-0.336192,9.243474,3.317349,9.826476,70.269707,92.082970

16.1941528,-0.333799,9.221640,3.259922,9.786580,70.542885,92.073051

16.1966686,-0.348156,9.195318,3.283850,9.770300,70.360229,92.168312

16.1991844,-0.369691,9.192925,3.295814,9.772867,70.291115,92.302895

16.2016964,-0.374477,9.245867,3.245565,9.806120,70.672134,92.319328

16.2042122,-0.369691,9.250652,3.233601,9.806499,70.746971,92.288536

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16.2218246,-0.360120,9.279366,3.235994,9.834022,70.788208,92.222458

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16.2620754,-0.202194,9.248260,3.259922,9.808072,70.587234,91.252449

16.2645912,-0.199502,9.248260,3.291028,9.818400,70.415916,91.235779

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16.4934998,-0.345763,9.245867,3.307778,9.825833,70.327644,92.141663

16.4960155,-0.340977,9.250652,3.338885,9.840680,70.166130,92.110954

16.4985313,-0.352941,9.216854,3.314957,9.801220,70.231613,92.192955

16.5010452,-0.326620,9.207282,3.298207,9.785647,70.303040,92.031662

16.5035934,-0.309871,9.209675,3.341278,9.801952,70.069572,91.927055

16.5061092,-0.345763,9.231211,3.334099,9.820948,70.154282,92.145058

16.5086250,-0.317049,9.238688,3.346063,9.831075,70.101448,91.965477

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16.5136566,-0.290728,9.226425,3.396313,9.835975,69.800194,91.804810

16.5161724,-0.305085,9.250652,3.360420,9.846830,70.045776,91.888924

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16.5287533,-0.290728,9.245867,3.384349,9.850097,69.904541,91.801018

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16.5413322,-0.187537,9.291330,3.379563,9.888652,70.015755,91.156311

16.5438480,-0.180359,9.241081,3.403491,9.849562,69.784782,91.118103

16.5463638,-0.206979,9.245867,3.410670,9.857057,69.756355,91.282417

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16.5513954,-0.182752,9.243474,3.358027,9.836237,70.038200,91.132645

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16.6117744,-0.218943,9.173783,3.310171,9.755177,70.164268,91.367172

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16.6193218,-0.254836,9.214461,3.302993,9.791884,70.286362,91.584167

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16.6721535,-0.235693,9.192925,3.362813,9.791524,69.913330,91.468658

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16.9916725,-0.120538,9.142676,3.396313,9.753871,69.622650,90.755356

16.9941883,-0.101396,9.128320,3.381956,9.735200,69.671959,90.636406

16.9967041,-0.063111,9.104391,3.369992,9.708283,69.688408,90.397163

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17.0419521,-0.226122,9.164211,3.343671,9.757768,69.960518,91.413452

17.0444679,-0.266800,9.180962,3.355635,9.778625,69.930473,91.664551

17.0469875,-0.221336,9.159426,3.329314,9.748251,70.029922,91.384277

17.0495033,-0.221336,9.219247,3.355635,9.813449,70.004738,91.375298

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17.0545349,-0.240479,9.243474,3.367599,9.840750,69.988449,91.490273

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17.0695992,-0.204586,9.355937,3.338885,9.935973,70.364204,91.252686

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17.1023426,-0.238086,9.164211,3.372384,9.767929,69.802902,91.488205

17.1048603,-0.233300,9.152247,3.386741,9.761561,69.699326,91.460213

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17.1224785,-0.175573,9.104391,3.401098,9.720506,69.519470,91.104782

17.1249943,-0.137288,9.118748,3.386741,9.728331,69.626907,90.862556

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17.1300545,-0.158824,9.113962,3.350849,9.711731,69.816307,90.998360

17.1325722,-0.134895,9.145069,3.365206,9.745517,69.799393,90.845085

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17.1527023,-0.187537,9.204889,3.319742,9.787024,70.171959,91.167168

17.1552200,-0.177966,9.221640,3.295814,9.794523,70.336487,91.105598

17.1577377,-0.226122,9.154640,3.281457,9.727616,70.285461,91.414932

17.1602535,-0.206979,9.164211,3.283850,9.737005,70.290298,91.293839

17.1627712,-0.168395,9.173783,3.269493,9.740443,70.387222,91.051613

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17.1703110,-0.170788,9.197711,3.310171,9.776721,70.209808,91.063774

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17.1753445,-0.137288,9.164211,3.319742,9.747938,70.089104,90.858276

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17.1803780,-0.127717,9.183354,3.298207,9.758508,70.245979,90.796783

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17.1929569,-0.170788,9.260223,3.334099,9.843634,70.201935,91.056595

17.1954746,-0.146859,9.238688,3.329314,9.821367,70.184845,90.910706

17.1979923,-0.151645,9.245867,3.302993,9.819308,70.343689,90.939644

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17.2030239,-0.189930,9.291330,3.322135,9.869219,70.329178,91.171059

17.2055397,-0.168395,9.284152,3.310171,9.858046,70.379799,91.039108

17.2080135,-0.158824,9.272188,3.295814,9.841803,70.434814,90.981323

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17.2130470,-0.180359,9.327223,3.286243,9.890855,70.594566,91.107780

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17.2382469,-0.110967,9.276974,3.312564,9.851276,70.350983,90.685318

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17.2910461,-0.233300,9.238688,3.338885,9.826288,70.135857,91.446556

17.2935638,-0.197109,9.233903,3.286243,9.803225,70.414047,91.222862

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17.3111992,-0.187537,9.305687,3.331707,9.885912,70.304848,91.154526

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17.4646816,-0.285942,9.276974,3.381956,9.878342,69.979233,91.765457

17.4671974,-0.269193,9.262616,3.386741,9.866030,69.923592,91.664673

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17.4948730,-0.247657,9.164211,3.379563,9.770647,69.763908,91.548004

17.4973907,-0.273978,9.142676,3.413062,9.762816,69.537262,91.716469

17.4999046,-0.257228,9.142676,3.405884,9.759853,69.575745,91.611588

17.5024223,-0.269193,9.142676,3.401098,9.758507,69.602783,91.686501

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17.5099335,-0.221336,9.168997,3.391527,9.778647,69.706459,91.382828

17.5124474,-0.218943,9.192925,3.348456,9.786214,69.991440,91.364326

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17.5250244,-0.252443,9.250652,3.319742,9.831531,70.265457,91.563164

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17.5527401,-0.238086,9.245867,3.269493,9.809808,70.531525,91.475067

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17.9879513,-0.185145,9.253045,3.245565,9.807487,70.674934,91.146278

17.9904976,-0.211765,9.308080,3.238386,9.857603,70.821236,91.303291

17.9930401,-0.221336,9.274581,3.291028,9.843663,70.468216,91.367096

17.9955578,-0.185145,9.291330,3.259922,9.848360,70.669815,91.141556

17.9980755,-0.216550,9.291330,3.293421,9.860139,70.487427,91.335136

18.0005932,-0.218943,9.293723,3.314957,9.869658,70.374336,91.349533

18.0031090,-0.187537,9.312865,3.326921,9.891059,70.344963,91.153633

18.0056267,-0.206979,9.291330,3.331707,9.872787,70.277580,91.276146

18.0081329,-0.247657,9.284152,3.336492,9.868587,70.239319,91.528015

18.0106506,-0.240479,9.300901,3.310171,9.875314,70.415512,91.481079

18.0131664,-0.235693,9.303294,3.334099,9.885497,70.289253,91.451241

18.0156841,-0.233300,9.305687,3.312564,9.880451,70.411377,91.436142

18.0182018,-0.247657,9.284152,3.317349,9.862130,70.343979,91.528015

18.0207176,-0.264407,9.286545,3.346063,9.874511,70.192650,91.630890

18.0232353,-0.273978,9.265009,3.300600,9.839178,70.399803,91.693817

18.0257511,-0.281157,9.216854,3.302993,9.794856,70.292587,91.747246

18.0282631,-0.235693,9.209675,3.331707,9.796628,70.117821,91.465988

18.0307808,-0.242871,9.190533,3.317349,9.773929,70.159187,91.513763

18.0332966,-0.264407,9.197711,3.300600,9.775569,70.266991,91.646629

18.0358143,-0.242871,9.188140,3.293421,9.763581,70.286507,91.514153

18.0383301,-0.273978,9.168997,3.310171,9.752067,70.157677,91.711540

18.0408478,-0.242871,9.204889,3.310171,9.784999,70.227249,91.511398

18.0433636,-0.257228,9.204889,3.310171,9.785366,70.228020,91.600700

18.0458794,-0.271585,9.152247,3.271886,9.723304,70.336258,91.699707

18.0483971,-0.254836,9.202497,3.281457,9.773375,70.381561,91.586227

18.0509071,-0.250050,9.195318,3.267100,9.761678,70.446533,91.557671

18.0534248,-0.242871,9.226425,3.300600,9.802033,70.322472,91.507874

18.0559425,-0.257228,9.245867,3.283850,9.815084,70.453499,91.593613

18.0584583,-0.230907,9.216854,3.279064,9.785499,70.421730,91.435112

18.0609741,-0.235693,9.219247,3.324528,9.803191,70.176300,91.464470

18.0634899,-0.259621,9.216854,3.334099,9.804796,70.120216,91.613487

18.0660076,-0.252443,9.272188,3.319742,9.851796,70.307732,91.559540

18.0685253,-0.245264,9.253045,3.355635,9.845775,70.073174,91.518349

18.0710373,-0.273978,9.257831,3.310171,9.835635,70.333252,91.695129

18.0735550,-0.226122,9.253045,3.341278,9.840432,70.150795,91.399887

18.0760708,-0.216550,9.255438,3.353242,9.846536,70.089584,91.340309

18.0785866,-0.242871,9.224032,3.350849,9.816819,70.041618,91.508263

18.0811043,-0.281157,9.253045,3.346063,9.843476,70.127571,91.740417

18.0836201,-0.264407,9.269794,3.302993,9.844225,70.395477,91.633835

18.0861378,-0.245264,9.267402,3.295814,9.839069,70.429153,91.515991

18.0886536,-0.238086,9.279366,3.317349,9.857390,70.334137,91.469749

18.0911636,-0.240479,9.279366,3.350849,9.868773,70.151115,91.484512

18.0936794,-0.278764,9.288938,3.283850,9.856254,70.538445,91.718948

18.0961971,-0.254836,9.284152,3.302993,9.857493,70.422943,91.572289

18.0987129,-0.254836,9.296116,3.312564,9.871970,70.393867,91.570267

18.1012287,-0.242871,9.293723,3.314957,9.870218,70.375496,91.496964

18.1037464,-0.254836,9.269794,3.346063,9.858507,70.159149,91.574722

18.1062603,-0.247657,9.279366,3.350849,9.868950,70.151482,91.528809

18.1087780,-0.290728,9.293723,3.341278,9.880383,70.234406,91.791756

18.1112900,-0.276371,9.284152,3.336492,9.869349,70.240906,91.705078

18.1138077,-0.254836,9.250652,3.338885,9.838072,70.160645,91.577980

18.1163254,-0.238086,9.243474,3.355635,9.836604,70.053810,91.475449

18.1188393,-0.242871,9.209675,3.322135,9.793552,70.170853,91.510620

18.1213570,-0.240479,9.219247,3.295814,9.793607,70.334572,91.494186

18.1238747,-0.214158,9.236296,3.324528,9.818732,70.208984,91.328255

18.1263885,-0.221336,9.212068,3.317349,9.793671,70.200859,91.376366

18.1289063,-0.223729,9.180962,3.295814,9.757176,70.258102,91.395950

18.1313839,-0.230907,9.192925,3.281457,9.763768,70.361465,91.438850

18.1338997,-0.187537,9.180962,3.257529,9.743547,70.468391,91.170204

18.1364136,-0.197109,9.173783,3.314957,9.756336,70.136848,91.230873

18.1389313,-0.189930,9.197711,3.302993,9.774647,70.250153,91.182976

18.1414452,-0.161216,9.204889,3.291028,9.776853,70.329269,91.003387

18.1439610,-0.139681,9.180962,3.286243,9.752382,70.307732,90.871643

18.1464748,-0.161216,9.231211,3.274279,9.796027,70.473335,91.000526

18.1489906,-0.158824,9.253045,3.279064,9.818163,70.489510,90.983353

18.1515102,-0.142074,9.216854,3.267100,9.779802,70.484245,90.883118

18.1540260,-0.142074,9.188140,3.286243,9.759174,70.322006,90.885880

18.1565418,-0.106182,9.168997,3.250350,9.728646,70.482124,90.663483

18.1590557,-0.113360,9.236296,3.264707,9.796954,70.534637,90.703171

18.1615715,-0.199502,9.233903,3.271886,9.798470,70.493240,91.237701

18.1640892,-0.177966,9.200104,3.257529,9.761407,70.505577,91.108185

18.1666031,-0.149252,9.185747,3.286243,9.757030,70.317497,90.930878

18.1691189,-0.154038,9.207282,3.276671,9.774167,70.412994,90.958473

18.1716404,-0.194716,9.173783,3.291028,9.748184,70.269020,91.215935

18.1741562,-0.197109,9.233903,3.307778,9.810464,70.295547,91.222862

18.1766720,-0.173181,9.221640,3.300600,9.796049,70.309952,91.075874

18.1791878,-0.175573,9.219247,3.293421,9.791423,70.344879,91.091019

18.1817036,-0.197109,9.197711,3.314957,9.778838,70.184471,91.227669

18.1842175,-0.202194,9.214461,3.283850,9.784214,70.389305,91.257042

18.1867352,-0.204586,9.219247,3.288636,9.790378,70.372429,91.271255

18.1892509,-0.199502,9.219247,3.271886,9.784659,70.464592,91.239670

18.1917667,-0.218943,9.238688,3.228815,9.789104,70.741074,91.357574

18.1942825,-0.204586,9.260223,3.259922,9.819404,70.610527,91.265633

18.1967964,-0.199502,9.212068,3.259922,9.773898,70.516617,91.240631

18.1993141,-0.218943,9.250652,3.269493,9.813872,70.539909,91.355820

18.2018280,-0.235693,9.257831,3.264707,9.819434,70.580986,91.458366

18.2043438,-0.259621,9.250652,3.264707,9.813272,70.568306,91.607597

18.2068615,-0.242871,9.265009,3.300600,9.838361,70.398109,91.501602

18.2093754,-0.259621,9.243474,3.262315,9.805708,70.567543,91.608841

18.2118931,-0.240479,9.296116,3.276671,9.859623,70.589600,91.481842

18.2144070,-0.252443,9.288938,3.276671,9.853155,70.576347,91.556725

18.2169247,-0.250050,9.257831,3.269493,9.821382,70.555389,91.547157

18.2194405,-0.245264,9.216854,3.279064,9.785849,70.422462,91.524307

18.2219543,-0.259621,9.241081,3.307778,9.818675,70.312706,91.609261

18.2244720,-0.266800,9.228818,3.319742,9.811369,70.223213,91.655930

18.2269859,-0.259621,9.231211,3.310171,9.810193,70.280136,91.610977

18.2295017,-0.233300,9.212068,3.317349,9.793948,70.201447,91.450737

18.2320213,-0.233300,9.257831,3.310171,9.834586,70.331070,91.443565

18.2345371,-0.218943,9.204889,3.276671,9.773151,70.410873,91.362556

18.2370529,-0.230907,9.207282,3.279064,9.776484,70.402939,91.436607

18.2395687,-0.235693,9.204889,3.300600,9.781590,70.279640,91.466751

18.2420845,-0.211765,9.168997,3.276671,9.739195,70.339767,91.323051

18.2445984,-0.218943,9.195318,3.310171,9.775431,70.207085,91.363976

18.2471161,-0.235693,9.221640,3.283850,9.791723,70.404961,91.464088

18.2496319,-0.199502,9.200104,3.279064,9.769032,70.387375,91.242249

18.2521763,-0.216550,9.195318,3.288636,9.768106,70.325829,91.349068

18.2547016,-0.235693,9.204889,3.312564,9.785633,70.213699,91.466751

18.2572193,-0.250050,9.233903,3.283850,9.803630,70.429733,91.551163

18.2597351,-0.206979,9.214461,3.255136,9.774714,70.548065,91.286789

18.2622509,-0.209372,9.241081,3.312564,9.819089,70.283913,91.297905

18.2647686,-0.252443,9.233903,3.317349,9.814963,70.245598,91.566002

18.2672844,-0.211765,9.243474,3.276671,9.809344,70.486092,91.312393

18.2698021,-0.194716,9.243474,3.259922,9.803409,70.577629,91.206772

18.2723103,-0.206979,9.250652,3.298207,9.823216,70.381462,91.281754

18.2748280,-0.218943,9.214461,3.302993,9.791016,70.284538,91.361137

18.2773457,-0.209372,9.214461,3.283850,9.784366,70.389626,91.301659

18.2798615,-0.214158,9.243474,3.310171,9.820637,70.301979,91.327225

18.2823772,-0.192323,9.250652,3.312564,9.827748,70.302002,91.191017

18.2848930,-0.182752,9.245867,3.298207,9.818229,70.371094,91.132347

18.2874107,-0.211765,9.269794,3.298207,9.841347,70.419083,91.308670

18.2899284,-0.202194,9.262616,3.259922,9.821610,70.615059,91.250511

18.2924366,-0.223729,9.279366,3.305385,9.853034,70.398949,91.381157

18.2949543,-0.216550,9.320045,3.329314,9.899215,70.347115,91.331024

18.2974701,-0.259621,9.291330,3.324528,9.871612,70.319389,91.600563

18.2999878,-0.257228,9.288938,3.312564,9.865273,70.380005,91.586227

18.3025017,-0.247657,9.281759,3.279064,9.847063,70.549080,91.528412

18.3050194,-0.262014,9.308080,3.283850,9.873837,70.574501,91.612396

18.3075371,-0.238086,9.293723,3.252743,9.849381,70.716141,91.467476

18.3100510,-0.266800,9.281759,3.269493,9.844380,70.602638,91.646484

18.3125668,-0.262014,9.265009,3.291028,9.835645,70.451653,91.619888

18.3150826,-0.247657,9.228818,3.271886,9.794777,70.485588,91.537178

18.3176003,-0.250050,9.265009,3.286243,9.833734,70.477287,91.545959

18.3201160,-0.254836,9.243474,3.302993,9.819191,70.343445,91.579201

18.3226318,-0.242871,9.207282,3.322135,9.791303,70.166107,91.511009

18.3251495,-0.228515,9.226425,3.291028,9.798470,70.374443,91.418777

18.3276634,-0.259621,9.238688,3.274279,9.805186,70.492310,91.609673

18.3301811,-0.257228,9.231211,3.293421,9.804491,70.372147,91.596138

18.3326931,-0.240479,9.207282,3.262315,9.771109,70.495949,91.496132

18.3352089,-0.242871,9.185747,3.305385,9.765373,70.215698,91.514549

18.3377266,-0.271585,9.183354,3.276671,9.754195,70.371246,91.693954

18.3402424,-0.247657,9.214461,3.267100,9.779651,70.483925,91.539566

18.3427582,-0.259621,9.204889,3.274279,9.773346,70.426170,91.615585

18.3452740,-0.262014,9.192925,3.283850,9.765357,70.349884,91.632584

18.3477898,-0.257228,9.195318,3.307778,9.775554,70.222252,91.602364

18.3503075,-0.271585,9.228818,3.312564,9.809073,70.262947,91.685616

18.3528233,-0.273978,9.224032,3.255136,9.785384,70.570129,91.701340

18.3553391,-0.290728,9.164211,3.267100,9.733511,70.387634,91.817055

18.3578548,-0.283549,9.228818,3.305385,9.806990,70.303131,91.759819

18.3603706,-0.264407,9.238688,3.310171,9.817357,70.295128,91.639328

18.3628883,-0.276371,9.238688,3.295814,9.812856,70.374733,91.713463

18.3654041,-0.262014,9.248260,3.281457,9.816665,70.471596,91.622826

18.3679199,-0.271585,9.296116,3.262315,9.855670,70.669975,91.673416

18.3704357,-0.271585,9.281759,3.243172,9.835801,70.747528,91.676003

18.3729496,-0.226122,9.336794,3.274279,9.896855,70.680214,91.387337

18.3754654,-0.235693,9.322437,3.291028,9.889098,70.561577,91.448265

18.3779812,-0.216550,9.288938,3.274279,9.851505,70.587723,91.335480

18.3804989,-0.194716,9.296116,3.283850,9.861002,70.548195,91.199936

18.3830128,-0.197109,9.253045,3.302993,9.826874,70.359444,91.220329

18.3855305,-0.216550,9.243474,3.283850,9.811849,70.446793,91.342049

18.3880444,-0.202194,9.231211,3.276671,9.797586,70.461716,91.254761

18.3905621,-0.170788,9.221640,3.283850,9.790377,70.402153,91.061012

18.3930779,-0.194716,9.212068,3.233601,9.765054,70.662010,91.210884

18.3955917,-0.185145,9.192925,3.271886,9.759580,70.412338,91.153778

18.3981094,-0.182752,9.214461,3.291028,9.786243,70.348923,91.136208

18.4006233,-0.182752,9.221640,3.262315,9.783391,70.521423,91.135323

18.4031410,-0.168395,9.195318,3.271886,9.761530,70.416412,91.049149

18.4056587,-0.197109,9.195318,3.314957,9.776587,70.179718,91.227989

18.4081726,-0.146859,9.224032,3.293421,9.795456,70.353302,90.912155

18.4106903,-0.158824,9.197711,3.300600,9.773283,70.262184,90.989273

18.4132023,-0.180359,9.188140,3.326921,9.773579,70.098785,91.124542

18.4157200,-0.180359,9.209675,3.281457,9.778477,70.392212,91.121918

18.4182377,-0.194716,9.202497,3.281457,9.771992,70.378670,91.212143

18.4207516,-0.202194,9.192925,3.300600,9.769582,70.254395,91.259987

18.4232693,-0.214158,9.207282,3.281457,9.776904,70.388931,91.332436

18.4257832,-0.221336,9.171391,3.271886,9.740053,70.371460,91.382469

18.4283009,-0.202194,9.183354,3.269493,9.750101,70.407448,91.261299

18.4308167,-0.240479,9.221640,3.259922,9.783841,70.537216,91.493797

18.4333286,-0.242871,9.224032,3.259922,9.786156,70.542007,91.508263

18.4358463,-0.223729,9.238688,3.231208,9.790001,70.728081,91.387230

18.4383602,-0.228515,9.260223,3.252743,9.817551,70.651131,91.413605

18.4408779,-0.233300,9.226425,3.240779,9.781819,70.651917,91.448479

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18.4459095,-0.240479,9.308080,3.240779,9.859048,70.809433,91.479935

18.4484253,-0.257228,9.298509,3.247958,9.852800,70.752579,91.584595

18.4509411,-0.252443,9.332008,3.235994,9.880373,70.881844,91.549545

18.4534569,-0.245264,9.303294,3.233601,9.852289,70.839951,91.510147

18.4559727,-0.218943,9.312865,3.233601,9.860708,70.856949,91.346764

18.4584885,-0.214158,9.286545,3.207280,9.827127,70.951401,91.321068

18.4610062,-0.218943,9.272188,3.245565,9.826245,70.713287,91.352669

18.4635201,-0.250050,9.293723,3.235994,9.844159,70.808762,91.541183

18.4660378,-0.266800,9.276974,3.231208,9.827213,70.803917,91.647339

18.4685516,-0.226122,9.296116,3.257529,9.852939,70.693893,91.393410

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18.4761028,-0.273978,9.272188,3.245565,9.827626,70.716103,91.692505

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18.4811344,-0.250050,9.288938,3.226422,9.836497,70.852257,91.541977

18.4836502,-0.218943,9.286545,3.262315,9.845331,70.648872,91.350578

18.4861679,-0.238086,9.228818,3.233601,9.781817,70.696465,91.477791

18.4886818,-0.199502,9.236296,3.238386,9.789592,70.682724,91.237381

18.4911995,-0.240479,9.197711,3.293421,9.772530,70.305305,91.497688

18.4937134,-0.226122,9.197711,3.288636,9.770576,70.331009,91.408310

18.4962292,-0.216550,9.219247,3.245565,9.776252,70.610725,91.345573

18.4987450,-0.199502,9.236296,3.247958,9.792763,70.629883,91.237381

18.5012608,-0.192323,9.241081,3.257529,9.800309,70.586067,91.192253

18.5037785,-0.194716,9.255438,3.281457,9.821864,70.482353,91.205208

18.5062923,-0.211765,9.231211,3.281457,9.799391,70.435768,91.314140

18.5088100,-0.194716,9.248260,3.310171,9.824737,70.310532,91.206146

18.5113239,-0.187537,9.228818,3.279064,9.795842,70.443245,91.164139

18.5138035,-0.170788,9.233903,3.259922,9.793938,70.558090,91.059608

18.5163174,-0.170788,9.231211,3.238386,9.784250,70.671761,91.059914

18.5188332,-0.189930,9.216854,3.238386,9.771060,70.644630,91.180519

18.5213470,-0.187537,9.243474,3.243172,9.797711,70.669716,91.162292

18.5238647,-0.182752,9.219247,3.216851,9.766066,70.768204,91.135620

18.5263786,-0.204586,9.212068,3.238386,9.766841,70.635933,91.272247

18.5288944,-0.202194,9.212068,3.245565,9.769175,70.596115,91.257370

18.5314102,-0.218943,9.207282,3.247958,9.765819,70.574295,91.362198

18.5339527,-0.187537,9.192925,3.255136,9.754023,70.505135,91.168686

18.5364838,-0.226122,9.176176,3.267100,9.743063,70.407646,91.411613

18.5389996,-0.206979,9.207282,3.269493,9.772740,70.454681,91.287788

18.5415154,-0.194716,9.226425,3.286243,9.796134,70.399292,91.209000

18.5440331,-0.233300,9.221640,3.283850,9.791666,70.404846,91.449226

18.5465488,-0.242871,9.171391,3.269493,9.739762,70.385796,91.516922

18.5490646,-0.240479,9.207282,3.259922,9.770310,70.509178,91.496132

18.5515804,-0.266800,9.178569,3.267100,9.746346,70.414520,91.664986

18.5540943,-0.252443,9.161819,3.238386,9.720586,70.540085,91.578316

18.5566120,-0.245264,9.190533,3.226422,9.743503,70.662270,91.528671

18.5591278,-0.259621,9.204889,3.235994,9.760587,70.637924,91.615585

18.5616436,-0.235693,9.224032,3.245565,9.781207,70.620941,91.463707

18.5641613,-0.266800,9.228818,3.276671,9.796879,70.460251,91.655930

18.5666752,-0.233300,9.221640,3.243172,9.778099,70.629395,91.449226

18.5691929,-0.228515,9.241081,3.255136,9.800291,70.600868,91.416527

18.5717087,-0.233300,9.267402,3.240779,9.820479,70.731094,91.442078

18.5742245,-0.216550,9.281759,3.221637,9.827354,70.863281,91.336510

18.5767403,-0.218943,9.286545,3.192923,9.822556,71.030769,91.350578

18.5792561,-0.228515,9.276974,3.161816,9.803649,71.184959,91.411049

18.5817719,-0.273978,9.320045,3.188137,9.854060,71.123138,91.683823

18.5842896,-0.240479,9.312865,3.214458,9.854950,70.963097,91.479172

18.5868034,-0.221336,9.279366,3.243172,9.832283,70.740372,91.366386

18.5893211,-0.266800,9.293723,3.214458,9.837541,70.928108,91.644371

18.5918369,-0.230907,9.276974,3.226422,9.824732,70.828430,91.425819

18.5943527,-0.250050,9.296116,3.238386,9.847204,70.800186,91.540787

18.5968685,-0.278764,9.262616,3.202494,9.804578,70.935493,91.723831

18.5993843,-0.314656,9.245867,3.219244,9.795335,70.813103,91.949142

18.6019020,-0.300299,9.231211,3.238386,9.787368,70.678162,91.863220

18.6044159,-0.290728,9.245867,3.212065,9.792239,70.851265,91.801018

18.6069336,-0.307478,9.212068,3.221637,9.763999,70.734230,91.911690

18.6094494,-0.257228,9.236296,3.235994,9.790148,70.698708,91.595261

18.6119652,-0.273978,9.245867,3.255136,9.805969,70.612549,91.697319

18.6144829,-0.276371,9.241081,3.283850,9.811097,70.445236,91.713020

18.6169968,-0.252443,9.260223,3.269493,9.823698,70.560158,91.561554

18.6195145,-0.283549,9.284152,3.279064,9.850286,70.555702,91.749344

18.6220284,-0.285942,9.248260,3.302993,9.824553,70.354607,91.770935

18.6245461,-0.283549,9.228818,3.267100,9.794152,70.513992,91.759819

18.6270618,-0.278764,9.243474,3.276671,9.811019,70.489555,91.727394

18.6295776,-0.273978,9.228818,3.257529,9.790691,70.566231,91.700455

18.6320934,-0.302692,9.226425,3.286243,9.798874,70.404999,91.879036

18.6346073,-0.269193,9.250652,3.286243,9.820714,70.450348,91.666824

18.6371231,-0.297906,9.296116,3.271886,9.859602,70.619041,91.835495

18.6396408,-0.285942,9.291330,3.276671,9.856326,70.582848,91.762733

18.6421547,-0.281157,9.262616,3.269493,9.826734,70.566406,91.738617

18.6446724,-0.288335,9.260223,3.264707,9.823095,70.588516,91.783440

18.6471863,-0.250050,9.286545,3.252743,9.842905,70.702950,91.542374

18.6497040,-0.271585,9.291330,3.262315,9.851156,70.660767,91.674278

18.6522217,-0.276371,9.267402,3.255136,9.826344,70.654350,91.708160

18.6547375,-0.257228,9.265009,3.262315,9.825948,70.609169,91.590317

18.6572533,-0.240479,9.248260,3.257529,9.808141,70.602196,91.489502

18.6597691,-0.281157,9.238688,3.262315,9.801791,70.559464,91.743118

18.6622849,-0.269193,9.291330,3.219244,9.836911,70.897346,91.659538

18.6648026,-0.257228,9.241081,3.195316,9.781299,70.932854,91.594437

18.6673164,-0.293121,9.257831,3.219244,9.805962,70.834709,91.813492

18.6698341,-0.247657,9.267402,3.216851,9.812961,70.863701,91.530777

18.6723499,-0.269193,9.262616,3.224029,9.811365,70.816086,91.664673

18.6748638,-0.254836,9.257831,3.204887,9.800187,70.911812,91.576752

18.6773815,-0.209372,9.262616,3.250350,9.818588,70.668060,91.294891

18.6798954,-0.271585,9.269794,3.250350,9.826883,70.685020,91.678162

18.6824131,-0.290728,9.269794,3.235994,9.822692,70.765175,91.796371

18.6849289,-0.269193,9.262616,3.238386,9.816092,70.736938,91.664673

18.6874447,-0.273978,9.233903,3.238386,9.789135,70.681786,91.699516

18.6899624,-0.271585,9.269794,3.267100,9.832436,70.592911,91.678162

18.6924763,-0.262014,9.243474,3.235994,9.797047,70.712837,91.623665

18.6949940,-0.273978,9.260223,3.231208,9.811601,70.772171,91.694695

18.6975098,-0.264407,9.243474,3.262315,9.805836,70.567802,91.638481

18.7000256,-0.264407,9.221640,3.302993,9.798893,70.301041,91.642357

18.7025433,-0.259621,9.219247,3.276671,9.787670,70.441116,91.613068

18.7050571,-0.250050,9.279366,3.250350,9.835341,70.702293,91.543571

18.7075748,-0.278764,9.276974,3.276671,9.842587,70.554657,91.721161

18.7100887,-0.300299,9.291330,3.286243,9.859939,70.531265,91.851173

18.7126064,-0.266800,9.303294,3.288636,9.871048,70.539330,91.642677

18.7151241,-0.266800,9.276974,3.257529,9.835899,70.659119,91.647339

18.7176399,-0.281157,9.284152,3.286243,9.852610,70.516197,91.734589

18.7201576,-0.288335,9.284152,3.276671,9.849629,70.569115,91.778847

18.7226715,-0.293121,9.320045,3.307778,9.893966,70.468636,91.801392

18.7251892,-0.314656,9.327223,3.329314,9.908604,70.366501,91.932152

18.7277031,-0.295514,9.303294,3.310171,9.879061,70.423241,91.819351

18.7302208,-0.312263,9.284152,3.274279,9.849563,70.583740,91.926361

18.7327366,-0.283549,9.276974,3.302993,9.851518,70.410583,91.750694

18.7352524,-0.254836,9.274581,3.279064,9.840481,70.535545,91.573906

18.7377682,-0.257228,9.260223,3.276671,9.826214,70.520943,91.591141

18.7402840,-0.247657,9.248260,3.262315,9.809910,70.576195,91.533943

18.7427998,-0.240479,9.216854,3.255136,9.777737,70.554321,91.494576

18.7453175,-0.250050,9.214461,3.224029,9.765408,70.722244,91.554436

18.7478313,-0.240479,9.204889,3.264707,9.769654,70.478035,91.496521

18.7503490,-0.240479,9.214461,3.281457,9.784278,70.404312,91.494965

18.7528629,-0.209372,9.204889,3.264707,9.768938,70.476547,91.303009

18.7553806,-0.226122,9.216854,3.231208,9.769454,70.685936,91.405388

18.7578983,-0.235693,9.231211,3.226422,9.781646,70.740662,91.462570

18.7604122,-0.211765,9.188140,3.243172,9.746021,70.563080,91.320297

18.7629299,-0.245264,9.197711,3.252743,9.759015,70.530411,91.527473

18.7654457,-0.259621,9.224032,3.283850,9.794582,70.410919,91.612228

18.7679615,-0.211765,9.243474,3.243172,9.798205,70.670731,91.312393

18.7704792,-0.271585,9.262616,3.276671,9.828856,70.526390,91.679466

18.7729931,-0.264407,9.286545,3.259922,9.845654,70.664284,91.630890

18.7755089,-0.307478,9.272188,3.264707,9.834954,70.612862,91.899307

18.7780247,-0.271585,9.257831,3.259922,9.818771,70.609230,91.680336

18.7805424,-0.254836,9.279366,3.224029,9.826797,70.847389,91.573097

18.7830582,-0.257228,9.300901,3.219244,9.845632,70.914925,91.584183

18.7855740,-0.245264,9.241081,3.228815,9.791986,70.746971,91.520309

18.7880898,-0.192323,9.241081,3.216851,9.786863,70.810677,91.192253

18.7906055,-0.168395,9.269794,3.202494,9.808844,70.944099,91.040718

18.7931213,-0.230907,9.253045,3.192923,9.791165,70.967621,91.429504

18.7956390,-0.185145,9.221640,3.204887,9.764437,70.839203,91.150185

18.7981548,-0.216550,9.231211,3.219244,9.778838,70.779465,91.343826

18.8006706,-0.189930,9.221640,3.228815,9.772408,70.706871,91.179909

18.8031864,-0.187537,9.241081,3.178566,9.774254,71.022438,91.162598

18.8057022,-0.194716,9.257831,3.195316,9.795682,70.961929,91.204903

18.8082199,-0.209372,9.291330,3.202494,9.829986,70.986664,91.290894

18.8107357,-0.218943,9.336794,3.200101,9.872401,71.086143,91.343315

18.8132515,-0.182752,9.267402,3.212065,9.809969,70.887215,91.129715

18.8157692,-0.221336,9.274581,3.259922,9.833307,70.639038,91.367096

18.8182869,-0.247657,9.279366,3.250350,9.835281,70.702171,91.528809

18.8208046,-0.242871,9.286545,3.197708,9.824675,71.005508,91.498116

18.8233185,-0.254836,9.265009,3.219244,9.811670,70.846291,91.575531

18.8258362,-0.252443,9.260223,3.295814,9.832490,70.415527,91.561554

18.8283501,-0.276371,9.243474,3.276671,9.810951,70.489418,91.712578

18.8308678,-0.254836,9.236296,3.279064,9.804405,70.461021,91.580429

18.8333855,-0.273978,9.224032,3.226422,9.775870,70.728836,91.701340

18.8358994,-0.283549,9.253045,3.269493,9.817781,70.547974,91.755219

18.8384151,-0.293121,9.216854,3.267100,9.783162,70.491219,91.821548

18.8409309,-0.309871,9.207282,3.257529,9.771466,70.526459,91.927559

18.8434467,-0.336192,9.209675,3.271886,9.779385,70.453629,92.090607

18.8459644,-0.302692,9.219247,3.247958,9.779334,70.602219,91.880493

18.8484783,-0.266800,9.221640,3.228815,9.774204,70.710556,91.657211

18.8509960,-0.281157,9.233903,3.250350,9.793303,70.616150,91.744019

18.8535118,-0.295514,9.241081,3.224029,9.791796,70.776237,91.831596

18.8560181,-0.290728,9.248260,3.228815,9.800004,70.763344,91.800552

18.8585339,-0.300299,9.255438,3.233601,9.808643,70.751343,91.858353

18.8610497,-0.283549,9.272188,3.195316,9.811418,70.993637,91.751595

18.8635654,-0.302692,9.267402,3.180959,9.802798,71.065018,91.870728

18.8660812,-0.285942,9.260223,3.228815,9.811154,70.786064,91.768646

18.8685989,-0.278764,9.269794,3.202494,9.811359,70.949173,91.722496

18.8711128,-0.285942,9.274581,3.202494,9.816088,70.958710,91.765915

18.8736305,-0.264407,9.296116,3.209672,9.838174,70.958870,91.629211

18.8761597,-0.266800,9.279366,3.207280,9.821632,70.940338,91.646912

18.8786774,-0.250050,9.298509,3.200101,9.836943,71.015366,91.540390

18.8811913,-0.247657,9.320045,3.212065,9.861132,70.990196,91.522133

18.8837090,-0.235693,9.317652,3.202494,9.855463,71.037689,91.449005

18.8862247,-0.235693,9.322437,3.224029,9.867003,70.928452,91.448265

18.8887405,-0.221336,9.305687,3.209672,9.846156,70.974907,91.362526

18.8912582,-0.218943,9.322437,3.221637,9.865836,70.940811,91.345383

18.8937740,-0.199502,9.298509,3.257529,9.854622,70.697319,91.229103

18.8962898,-0.218943,9.327223,3.259922,9.882920,70.740082,91.344688

18.8988037,-0.211765,9.293723,3.233601,9.842475,70.820099,91.305305

18.9013214,-0.271585,9.284152,3.221637,9.830981,70.870621,91.675575

18.9038391,-0.264407,9.276974,3.228815,9.826363,70.816963,91.632568

18.9063530,-0.247657,9.250652,3.221637,9.798717,70.805168,91.533546

18.9088707,-0.259621,9.250652,3.202494,9.792749,70.911568,91.607597

18.9113865,-0.271585,9.233903,3.219244,9.782753,70.787453,91.684685

18.9139023,-0.297906,9.221640,3.200101,9.765656,70.871414,91.850304

18.9164143,-0.305085,9.241081,3.228815,9.793667,70.750404,91.890877

18.9189320,-0.288335,9.212068,3.216851,9.761837,70.759544,91.792755

18.9214497,-0.281157,9.231211,3.247958,9.789970,70.624130,91.744530

18.9239635,-0.293121,9.226425,3.257529,9.788991,70.562721,91.819656

18.9264812,-0.278764,9.185747,3.243172,9.745452,70.561897,91.738243

18.9289951,-0.326620,9.241081,3.212065,9.788852,70.844383,92.024239

18.9315128,-0.309871,9.243474,3.228815,9.796075,70.755325,91.920013

18.9340305,-0.297906,9.238688,3.247958,9.797517,70.639656,91.846893

18.9365444,-0.333799,9.245867,3.233601,9.800696,70.735123,92.067619

18.9390621,-0.333799,9.224032,3.243172,9.783269,70.640045,92.072510

18.9415760,-0.345763,9.250652,3.226422,9.803261,70.784798,92.140556

18.9440937,-0.343370,9.253045,3.200101,9.796805,70.934586,92.125206

18.9466095,-0.331406,9.241081,3.224029,9.792945,70.778587,92.053879

18.9491253,-0.367298,9.276974,3.245565,9.835184,70.731506,92.267296

18.9516430,-0.329013,9.241081,3.233601,9.796020,70.725563,92.039055

18.9541569,-0.364905,9.291330,3.224029,9.841561,70.877235,92.249062

18.9566727,-0.345763,9.267402,3.209672,9.813577,70.909302,92.136688

18.9591904,-0.297906,9.269794,3.240779,9.824484,70.739258,91.840698

18.9617043,-0.331406,9.269794,3.233601,9.823192,70.780975,92.047516

18.9642220,-0.326620,9.291330,3.238386,9.844930,70.795578,92.013306

18.9667358,-0.307478,9.279366,3.200101,9.820480,70.982315,91.897835

18.9692535,-0.305085,9.281759,3.247958,9.838362,70.723213,91.882591

18.9717712,-0.297906,9.303294,3.216851,9.848257,70.934937,91.834076

18.9742851,-0.302692,9.291330,3.164209,9.820013,71.202736,91.865913

18.9767666,-0.317049,9.312865,3.192923,9.850114,71.085861,91.949837

18.9792824,-0.281157,9.351151,3.221637,9.894545,70.998238,91.722168

18.9817982,-0.273978,9.312865,3.204887,9.852707,71.017471,91.685120

18.9843121,-0.271585,9.329616,3.216851,9.872366,70.983284,91.667412

18.9868279,-0.278764,9.288938,3.235994,9.840413,70.801170,91.718948

18.9893417,-0.264407,9.324830,3.228815,9.871555,70.908195,91.624191

18.9918575,-0.273978,9.317652,3.252743,9.872894,70.763878,91.684250

18.9943733,-0.305085,9.300901,3.252743,9.858001,70.733673,91.878723

18.9969177,-0.317049,9.303294,3.259922,9.863007,70.699654,91.951843

18.9994469,-0.295514,9.300901,3.295814,9.872005,70.497101,91.819824

19.0019627,-0.321835,9.260223,3.262315,9.823340,70.603813,91.990486

19.0044785,-0.302692,9.238688,3.247958,9.797664,70.639954,91.876541

19.0069942,-0.252443,9.238688,3.307778,9.816236,70.307617,91.565193

19.0095100,-0.262014,9.233903,3.255136,9.794362,70.588654,91.625343

19.0120277,-0.226122,9.238688,3.257529,9.798775,70.582909,91.402061

19.0145435,-0.252443,9.228818,3.293421,9.802114,70.367195,91.566864

19.0170593,-0.214158,9.214461,3.291028,9.786880,70.350250,91.331398

19.0195770,-0.202194,9.197711,3.288636,9.770051,70.329910,91.259331

19.0220909,-0.185145,9.204889,3.279064,9.773256,70.396202,91.152275

19.0246086,-0.192323,9.219247,3.214458,9.765462,70.781837,91.195076

19.0271263,-0.189930,9.221640,3.257529,9.781933,70.548134,91.179909

19.0296402,-0.245264,9.255438,3.291028,9.826198,70.432091,91.517952

19.0321579,-0.259621,9.233903,3.267100,9.798281,70.522537,91.610512

19.0346756,-0.230907,9.267402,3.264707,9.828345,70.599304,91.427292

19.0371895,-0.247657,9.250652,3.281457,9.818547,70.475494,91.533546

19.0397072,-0.252443,9.269794,3.298207,9.842306,70.421074,91.559944

19.0422211,-0.278764,9.257831,3.252743,9.816592,70.649170,91.724724

19.0447388,-0.242871,9.272188,3.262315,9.832353,70.622307,91.500435

19.0472565,-0.214158,9.250652,3.252743,9.808199,70.631950,91.326195

19.0497704,-0.240479,9.241081,3.238386,9.795027,70.693871,91.490662

19.0522881,-0.300299,9.243474,3.240779,9.799726,70.688675,91.860756

19.0548019,-0.269193,9.248260,3.214458,9.794667,70.841377,91.667259

19.0572796,-0.262014,9.255438,3.207280,9.798899,70.894402,91.621567

19.0597954,-0.276371,9.250652,3.221637,9.799484,70.806732,91.711250

19.0623112,-0.273978,9.228818,3.252743,9.789101,70.592651,91.700455

19.0648251,-0.297906,9.243474,3.252743,9.803617,70.622536,91.845940

19.0673409,-0.278764,9.288938,3.226422,9.837270,70.853821,91.718948

19.0698566,-0.312263,9.284152,3.228815,9.834543,70.833542,91.926361

19.0723724,-0.300299,9.272188,3.207280,9.815819,70.928612,91.854996

19.0748863,-0.321835,9.296116,3.235994,9.848502,70.817558,91.982811

19.0774326,-0.314656,9.291330,3.219244,9.838260,70.900070,91.939613

19.0799618,-0.285942,9.286545,3.240779,9.839935,70.770691,91.763641

19.0824795,-0.302692,9.296116,3.279064,9.862132,70.579994,91.864960

19.0849953,-0.326620,9.291330,3.259922,9.852035,70.677307,92.013306

19.0875111,-0.343370,9.293723,3.252743,9.852489,70.722466,92.115913

19.0900288,-0.345763,9.281759,3.310171,9.860417,70.384712,92.133385

19.0925446,-0.350549,9.276974,3.271886,9.843290,70.585640,92.164001

19.0950603,-0.350549,9.281759,3.288636,9.853378,70.503021,92.162888

19.0975742,-0.321835,9.243474,3.298207,9.819550,70.373840,91.994087

19.1000919,-0.326620,9.214461,3.322135,9.800488,70.185471,92.030083

19.1026096,-0.300299,9.238688,3.293421,9.812756,70.389359,91.861717

19.1051235,-0.295514,9.248260,3.267100,9.812827,70.552574,91.830177

19.1076412,-0.324227,9.245867,3.262315,9.809886,70.576149,92.008385

19.1101570,-0.307478,9.286545,3.307778,9.862852,70.404510,91.896370

19.1126728,-0.300299,9.253045,3.310171,9.831900,70.325470,91.858833

19.1151905,-0.305085,9.265009,3.310171,9.843307,70.349213,91.885994

19.1177044,-0.331406,9.281759,3.305385,9.858319,70.409889,92.044884

19.1202221,-0.305085,9.279366,3.302993,9.854414,70.416580,91.883080

19.1227360,-0.295514,9.262616,3.319742,9.843987,70.291466,91.827339

19.1252537,-0.271585,9.260223,3.293421,9.832198,70.429718,91.679901

19.1277714,-0.269193,9.248260,3.281457,9.816859,70.472000,91.667259

19.1302853,-0.276371,9.262616,3.276671,9.828988,70.526665,91.709038

19.1328030,-0.252443,9.260223,3.300600,9.834095,70.389259,91.561554

19.1353188,-0.264407,9.255438,3.281457,9.823492,70.485718,91.636368

19.1378326,-0.273978,9.265009,3.238386,9.818482,70.741814,91.693817

19.1403465,-0.271585,9.265009,3.274279,9.830313,70.544182,91.679031

19.1428642,-0.223729,9.245867,3.279064,9.812664,70.478134,91.386154

19.1453819,-0.233300,9.228818,3.291028,9.800836,70.379379,91.448105

19.1478958,-0.233300,9.219247,3.262315,9.782210,70.518974,91.449608

19.1504135,-0.226122,9.281759,3.238386,9.833074,70.771515,91.395561

19.1529312,-0.235693,9.248260,3.271886,9.812802,70.522888,91.459877

19.1554451,-0.226122,9.233903,3.279064,9.801447,70.454887,91.402794

19.1579609,-0.197109,9.253045,3.252743,9.810099,70.635849,91.220329

19.1604767,-0.192323,9.224032,3.235994,9.777086,70.671898,91.194458

19.1629925,-0.192323,9.231211,3.221637,9.779119,70.765190,91.193527

19.1655083,-0.204586,9.255438,3.207280,9.797532,70.891632,91.266289

19.1680241,-0.192323,9.291330,3.231208,9.839030,70.827873,91.185806

19.1705418,-0.189930,9.248260,3.250350,9.804649,70.639481,91.176514

19.1730556,-0.230907,9.262616,3.247958,9.818279,70.682220,91.428032

19.1755733,-0.204586,9.322437,3.240779,9.871795,70.835182,91.257187

19.1780872,-0.189930,9.300901,3.267100,9.859857,70.649040,91.169853

19.1806049,-0.192323,9.291330,3.302993,9.862838,70.433983,91.185806

19.1831226,-0.199502,9.284152,3.307778,9.857823,70.394104,91.231003

19.1856365,-0.206979,9.288938,3.298207,9.859279,70.456146,91.276474

19.1881542,-0.221336,9.308080,3.326921,9.887251,70.337082,91.362175

19.1906681,-0.240479,9.332008,3.305385,9.903019,70.501907,91.476143

19.1931858,-0.245264,9.284152,3.305385,9.858053,70.409340,91.513260

19.1957016,-0.250050,9.250652,3.329314,9.834705,70.212845,91.548355

19.1982193,-0.278764,9.281759,3.329314,9.864740,70.275589,91.720276

19.2007370,-0.302692,9.260223,3.317349,9.841146,70.300339,91.872177

19.2032509,-0.307478,9.269794,3.338885,9.857575,70.201546,91.899796

19.2057686,-0.314656,9.255438,3.326921,9.840251,70.239265,91.947128

19.2082863,-0.317049,9.265009,3.331707,9.850948,70.232040,91.959900

19.2108002,-0.295514,9.260223,3.348456,9.851458,70.129555,91.827812

19.2133179,-0.302692,9.219247,3.293421,9.794527,70.351364,91.880493

19.2158337,-0.305085,9.207282,3.298207,9.784952,70.301582,91.897812

19.2183475,-0.293121,9.219247,3.319742,9.803119,70.205879,91.821075

19.2208633,-0.305085,9.224032,3.295814,9.799911,70.347740,91.894371

19.2233791,-0.293121,9.214461,3.319742,9.798617,70.196404,91.822021

19.2258949,-0.271585,9.157033,3.331707,9.748091,70.014618,91.698822

19.2284107,-0.276371,9.209675,3.291028,9.783934,70.344093,91.718857

19.2309284,-0.283549,9.188140,3.341278,9.780923,70.024902,91.767609

19.2334442,-0.262014,9.161819,3.348456,9.758060,69.931229,91.638123

19.2359600,-0.242871,9.188140,3.322135,9.773304,70.128036,91.514153

19.2384739,-0.254836,9.178569,3.305385,9.758926,70.202080,91.590363

19.2409897,-0.252443,9.216854,3.369992,9.816872,69.922821,91.568893

19.2435055,-0.269193,9.221640,3.326921,9.807115,70.169701,91.672066

19.2460213,-0.247657,9.214461,3.350849,9.807946,70.022789,91.539566

19.2485371,-0.221336,9.226425,3.346063,9.816927,70.071556,91.374229

19.2510548,-0.278764,9.265009,3.353242,9.857096,70.111816,91.723381

19.2535706,-0.226122,9.276974,3.386741,9.878430,69.949875,91.396278

19.2560863,-0.218943,9.241081,3.336492,9.827395,70.153023,91.357224

19.2585678,-0.221336,9.253045,3.369992,9.850110,69.993469,91.370277

19.2610836,-0.247657,9.253045,3.367599,9.849918,70.007874,91.533150

19.2635975,-0.240479,9.243474,3.353242,9.835846,70.067032,91.490273

19.2661133,-0.230907,9.250652,3.386741,9.853827,69.897659,91.429878

19.2686272,-0.264407,9.260223,3.401098,9.868592,69.840263,91.635521

19.2711430,-0.281157,9.272188,3.405884,9.881931,69.839096,91.736824

19.2736607,-0.276371,9.214461,3.410670,9.829310,69.696693,91.717964

19.2761745,-0.226122,9.207282,3.403491,9.818805,69.718681,91.406845

19.2786980,-0.264407,9.171391,3.372384,9.775341,69.818878,91.651352

19.2812138,-0.254836,9.200104,3.365206,9.799564,69.915619,91.586639

19.2837276,-0.269193,9.183354,3.362813,9.783403,69.895935,91.679039

19.2862434,-0.297906,9.157033,3.379563,9.765318,69.752380,91.863350

19.2887573,-0.271585,9.123533,3.362813,9.727340,69.775017,91.705055

19.2912750,-0.276371,9.137891,3.372384,9.744249,69.751671,91.732353

19.2937889,-0.266800,9.185747,3.384349,9.793005,69.782288,91.663689

19.2963047,-0.295514,9.216854,3.336492,9.806625,70.109215,91.836403

19.2988243,-0.300299,9.173783,3.353242,9.772038,69.931297,91.874878

19.3013401,-0.305085,9.178569,3.322135,9.766053,70.112663,91.903748

19.3038559,-0.321835,9.188140,3.348456,9.784562,69.987915,92.006088

19.3063698,-0.288335,9.183354,3.369992,9.786418,69.857635,91.798355

19.3088875,-0.283549,9.221640,3.326921,9.807520,70.170555,91.761192

19.3114033,-0.305085,9.209675,3.353242,9.805887,70.003540,91.897316

19.3139172,-0.297906,9.204889,3.322135,9.790573,70.164566,91.853668

19.3164330,-0.302692,9.236296,3.314957,9.817826,70.266434,91.877029

19.3189487,-0.266800,9.248260,3.355635,9.841838,70.064865,91.652451

19.3214645,-0.293121,9.253045,3.319742,9.834910,70.272522,91.814423

19.3239803,-0.290728,9.291330,3.336492,9.876513,70.255836,91.792213

19.3264961,-0.295514,9.276974,3.341278,9.864771,70.201813,91.824516

19.3290119,-0.252443,9.332008,3.338885,9.914548,70.320023,91.549545

19.3315277,-0.235693,9.274581,3.331707,9.857671,70.246078,91.455734

19.3340435,-0.242871,9.257831,3.365206,9.853477,70.030205,91.502762

19.3365574,-0.250050,9.267402,3.358027,9.860203,70.088776,91.545563

19.3390770,-0.271585,9.279366,3.362813,9.873648,70.087502,91.676437

19.3415928,-0.238086,9.267402,3.348456,9.856651,70.140465,91.471642

19.3441086,-0.259621,9.221640,3.362813,9.819091,69.972137,91.612648

19.3466244,-0.257228,9.245867,3.381956,9.848342,69.915627,91.593613

19.3491383,-0.223729,9.226425,3.393920,9.833396,69.809525,91.389076

19.3516560,-0.218943,9.269794,3.377170,9.868248,69.987450,91.353020

19.3541718,-0.216550,9.238688,3.348456,9.829162,70.082573,91.342743

19.3566856,-0.211765,9.214461,3.360420,9.810381,69.968468,91.316528

19.3592072,-0.202194,9.238688,3.358027,9.832121,70.029488,91.253746

19.3617210,-0.134895,9.226425,3.322135,9.807227,70.199654,90.837639

19.3642387,-0.137288,9.238688,3.331707,9.822041,70.171425,90.851364

19.3667545,-0.146859,9.221640,3.334099,9.806958,70.124779,90.912392

19.3692703,-0.106182,9.204889,3.374777,9.804610,69.866844,90.660896

19.3717861,-0.130110,9.224032,3.305385,9.799249,70.286926,90.808136

19.3743000,-0.154038,9.219247,3.310171,9.796707,70.251862,90.957230

19.3768177,-0.120538,9.200104,3.319742,9.781468,70.160225,90.750641

19.3793659,-0.108574,9.166604,3.300600,9.743324,70.198959,90.678612

19.3818817,-0.084646,9.190533,3.312564,9.769654,70.179977,90.527687

19.3843994,-0.079860,9.200104,3.300600,9.774571,70.264893,90.497337

19.3869152,-0.053539,9.183354,3.300600,9.758628,70.231308,90.334030

19.3894310,-0.087039,9.168997,3.314957,9.750232,70.123886,90.543877

19.3919487,-0.099003,9.209675,3.298207,9.782948,70.297379,90.615898

19.3944645,-0.079860,9.149855,3.324528,9.735435,70.032486,90.500069

19.3969822,-0.132503,9.161819,3.329314,9.748887,70.031281,90.828583

19.3994961,-0.139681,9.168997,3.314957,9.750843,70.125191,90.872780

19.4020119,-0.122931,9.183354,3.317349,9.764934,70.140144,90.766937

19.4045296,-0.115753,9.202497,3.312564,9.781228,70.204414,90.720650

19.4070435,-0.151645,9.190533,3.300600,9.766414,70.247719,90.945305

19.4095612,-0.166002,9.185747,3.358027,9.781711,69.922157,91.035316

19.4120789,-0.132503,9.212068,3.329314,9.796125,70.131638,90.824059

19.4145947,-0.108574,9.226425,3.305385,9.801239,70.291092,90.674210

19.4171104,-0.161216,9.226425,3.331707,9.810870,70.147896,91.001045

19.4196224,-0.168395,9.231211,3.362813,9.826094,69.987022,91.045067

19.4221401,-0.151645,9.236296,3.298207,9.808686,70.351212,90.940620

19.4246540,-0.139681,9.241081,3.324528,9.821893,70.215622,90.865974

19.4271717,-0.187537,9.212068,3.334099,9.798652,70.107224,91.166252

19.4296894,-0.175573,9.238688,3.374777,9.837342,69.936714,91.088730

19.4322052,-0.168395,9.238688,3.358027,9.831484,70.028145,91.044220

19.4347210,-0.218943,9.212068,3.341278,9.801748,70.069145,91.361496

19.4372368,-0.235693,9.216854,3.353242,9.810718,70.013802,91.464844

19.4397316,-0.211765,9.226425,3.341278,9.815085,70.097374,91.314819

19.4422493,-0.216550,9.168997,3.384349,9.776053,69.745689,91.352943

19.4447632,-0.218943,9.214461,3.367599,9.812999,69.929428,91.361137

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19.4497967,-0.223729,9.231211,3.374777,9.831298,69.923851,91.388359

19.4523106,-0.233300,9.209675,3.355635,9.804734,69.986206,91.451111

19.4548283,-0.247657,9.226425,3.362813,9.823277,69.981041,91.537575

19.4573421,-0.214158,9.180962,3.346063,9.774051,69.980408,91.336258

19.4598751,-0.175573,9.200104,3.384349,9.804415,69.806839,91.093292

19.4623909,-0.206979,9.231211,3.374777,9.830932,69.923073,91.284454

19.4649086,-0.194716,9.221640,3.355635,9.815133,70.008316,91.209625

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19.4724503,-0.221336,9.269794,3.324528,9.850410,70.275276,91.367798

19.4749641,-0.180359,9.286545,3.322135,9.864533,70.319443,91.112633

19.4774818,-0.197109,9.274581,3.379563,9.873102,69.982933,91.217499

19.4799957,-0.197109,9.257831,3.360420,9.850822,70.054207,91.219704

19.4825134,-0.202194,9.272188,3.362813,9.865235,70.069801,91.249222

19.4850273,-0.182752,9.279366,3.314957,9.855404,70.344780,91.128265

19.4875431,-0.194716,9.260223,3.374777,9.857930,69.980415,91.204590

19.4900322,-0.180359,9.260223,3.403491,9.867523,69.823181,91.115791

19.4925480,-0.214158,9.245867,3.372384,9.844028,69.965752,91.326881

19.4950638,-0.221336,9.262616,3.348456,9.851762,70.130196,91.368858

19.4975777,-0.226122,9.257831,3.365206,9.853080,70.029366,91.399170

19.5000935,-0.228515,9.243474,3.398705,9.851153,69.817848,91.416161

19.5026073,-0.216550,9.224032,3.393920,9.830990,69.804367,91.344872

19.5051231,-0.218943,9.245867,3.417848,9.859801,69.717773,91.356514

19.5076370,-0.211765,9.238688,3.422634,9.854574,69.676872,91.313080

19.5101528,-0.228515,9.219247,3.425326,9.837662,69.623665,91.419884

19.5126991,-0.209372,9.207282,3.470789,9.841964,69.350388,91.302673

19.5152245,-0.202194,9.195318,3.449254,9.823040,69.442993,91.259659

19.5177402,-0.233300,9.202497,3.420241,9.820306,69.617699,91.452240

19.5202560,-0.199502,9.202497,3.444468,9.828027,69.483688,91.241928

19.5227718,-0.218943,9.192925,3.398705,9.803520,69.715485,91.364326

19.5252876,-0.214158,9.200104,3.415455,9.815962,69.638077,91.333473

19.5278053,-0.154038,9.180962,3.454040,9.810411,69.385475,90.961220

19.5303192,-0.197109,9.171391,3.403491,9.784529,69.644493,91.231194

19.5328369,-0.177966,9.185747,3.417848,9.802617,69.594200,91.109917

19.5353527,-0.137288,9.166604,3.473182,9.803493,69.250671,90.858055

19.5378685,-0.149252,9.180962,3.430111,9.801938,69.516220,90.931358

19.5403843,-0.199502,9.197711,3.430111,9.818521,69.552368,91.242569

19.5429001,-0.175573,9.224032,3.422634,9.840123,69.645706,91.090454

19.5454178,-0.142074,9.209675,3.413062,9.822794,69.667747,90.883812

19.5479317,-0.166002,9.204889,3.365206,9.802151,69.921150,91.033165

19.5504494,-0.189930,9.200104,3.391527,9.807162,69.768051,91.182671

19.5529652,-0.156431,9.224032,3.393920,9.829849,69.801926,90.971588

19.5554810,-0.170788,9.204889,3.386741,9.809647,69.803185,91.062943

19.5579987,-0.151645,9.207282,3.389134,9.812404,69.794220,90.943581

19.5605125,-0.197109,9.195318,3.381956,9.799508,69.811195,91.227989

19.5630302,-0.177966,9.202497,3.420241,9.819148,69.615189,91.107903

19.5655441,-0.134895,9.207282,3.430111,9.826388,69.569473,90.839378

19.5680618,-0.139681,9.190533,3.384349,9.794856,69.786270,90.870735

19.5705795,-0.149252,9.192925,3.420241,9.809700,69.594681,90.930145

19.5730553,-0.144467,9.157033,3.415455,9.774326,69.547470,90.903854

19.5755711,-0.170788,9.180962,3.369992,9.781414,69.846886,91.065712

19.5780869,-0.168395,9.202497,3.369992,9.801589,69.890160,91.048332

19.5806026,-0.180359,9.221640,3.343671,9.810775,70.073395,91.120461

19.5831165,-0.211765,9.200104,3.302993,9.777347,70.255829,91.318581

19.5856323,-0.214158,9.200104,3.403491,9.811805,69.703575,91.333473

19.5881462,-0.206979,9.219247,3.362813,9.815593,69.964699,91.286118

19.5906620,-0.235693,9.219247,3.360420,9.815421,69.979195,91.464470

19.5932064,-0.197109,9.224032,3.403491,9.833889,69.751152,91.224167

19.5957394,-0.199502,9.212068,3.367599,9.810337,69.923744,91.240631

19.5982533,-0.226122,9.190533,3.374777,9.793168,69.842300,91.409409

19.6007710,-0.209372,9.192925,3.386741,9.799170,69.780647,91.304703

19.6032867,-0.199502,9.204889,3.374777,9.806066,69.869957,91.241600

19.6058025,-0.221336,9.190533,3.374777,9.793058,69.842064,91.379593

19.6083202,-0.242871,9.192925,3.389134,9.800770,69.769188,91.513367

19.6108360,-0.235693,9.188140,3.398705,9.799421,69.706627,91.469421

19.6133537,-0.223729,9.209675,3.360420,9.806150,69.959457,91.391602

19.6158695,-0.211765,9.185747,3.362813,9.784238,69.897720,91.320641

19.6183872,-0.223729,9.212068,3.372384,9.812504,69.898621,91.391243

19.6209030,-0.242871,9.202497,3.365206,9.801507,69.919777,91.511795

19.6234188,-0.204586,9.195318,3.403491,9.807114,69.693436,91.274559

19.6259365,-0.214158,9.178569,3.425326,9.799227,69.540169,91.336601

19.6284504,-0.226122,9.178569,3.425326,9.799496,69.540756,91.411247

19.6309681,-0.211765,9.161819,3.405884,9.776697,69.612503,91.324089

19.6334743,-0.211765,9.159426,3.408277,9.775289,69.594467,91.324432

19.6359921,-0.192323,9.147462,3.398705,9.760341,69.621773,91.204453

19.6385078,-0.170788,9.178569,3.389134,9.785782,69.736839,91.065994

19.6410236,-0.202194,9.168997,3.391527,9.778234,69.705566,91.263275

19.6435394,-0.218943,9.166604,3.405884,9.781340,69.622604,91.368240

19.6460552,-0.182752,9.164211,3.415455,9.781693,69.563560,91.142433

19.6485710,-0.185145,9.161819,3.374777,9.765364,69.782402,91.157692

19.6510887,-0.216550,9.190533,3.391527,9.798737,69.749893,91.349770

19.6536026,-0.209372,9.159426,3.417848,9.778579,69.541794,91.309479

19.6561203,-0.189930,9.178569,3.410670,9.793613,69.619415,91.185440

19.6586361,-0.197109,9.149855,3.405884,9.765180,69.587387,91.234093

19.6611519,-0.221336,9.183354,3.410670,9.798758,69.630585,91.380669

19.6636696,-0.233300,9.209675,3.422634,9.827867,69.619194,91.451111

19.6661835,-0.204586,9.202497,3.401098,9.813015,69.721085,91.273567

19.6687012,-0.206979,9.200104,3.391527,9.807508,69.768799,91.288795

19.6712151,-0.204586,9.207282,3.401098,9.817503,69.730759,91.272903

19.6736965,-0.197109,9.241081,3.377170,9.840818,69.929276,91.221909

19.6762104,-0.177966,9.231211,3.405884,9.841085,69.751762,91.104454

19.6787262,-0.202194,9.209675,3.405884,9.821356,69.709297,91.257698

19.6812401,-0.202194,9.231211,3.434897,9.851632,69.594460,91.254761

19.6837559,-0.211765,9.192925,3.468396,9.827742,69.334045,91.319611

19.6862698,-0.192323,9.185747,3.420241,9.803723,69.581688,91.199432

19.6887875,-0.189930,9.195318,3.389134,9.801846,69.771507,91.183281

19.6913033,-0.175573,9.200104,3.389134,9.806067,69.780594,91.093292

19.6938457,-0.192323,9.147462,3.420241,9.767859,69.503357,91.204453

19.6963768,-0.189930,9.128320,3.393920,9.740687,69.608856,91.191963

19.6988926,-0.185145,9.116355,3.408277,9.734401,69.504913,91.163467

19.7014084,-0.185145,9.116355,3.384349,9.726048,69.636955,91.163467

19.7039242,-0.151645,9.116355,3.432504,9.742331,69.370178,90.952995

19.7064419,-0.146859,9.113962,3.466004,9.751875,69.180862,90.923164

19.7089577,-0.187537,9.118748,3.437290,9.746881,69.350189,91.178185

19.7114735,-0.154038,9.090034,3.403491,9.707533,69.475792,90.970833

19.7139931,-0.175573,9.109177,3.403491,9.725824,69.516129,91.104202

19.7165089,-0.182752,9.092427,3.432504,9.720479,69.321678,91.151451

19.7190247,-0.142074,9.118748,3.417848,9.739273,69.455505,90.892616

19.7215405,-0.173181,9.116355,3.422634,9.739217,69.425316,91.088303

19.7240562,-0.182752,9.142676,3.434897,9.768339,69.412605,91.145126

19.7265739,-0.211765,9.159426,3.432504,9.783762,69.461494,91.324432

19.7290897,-0.209372,9.149855,3.430111,9.773911,69.454834,91.310844

19.7316055,-0.230907,9.142676,3.413062,9.761703,69.534828,91.446754

19.7341194,-0.252443,9.168997,3.420241,9.789396,69.550468,91.577080

19.7366371,-0.242871,9.185747,3.437290,9.810805,69.490814,91.514549

19.7391548,-0.230907,9.260223,3.432504,9.878620,69.667473,91.428398

19.7416687,-0.218943,9.250652,3.427718,9.867713,69.673645,91.355820

19.7441864,-0.218943,9.267402,3.430111,9.884247,69.694351,91.353363

19.7467003,-0.228515,9.274581,3.442075,9.895350,69.644272,91.411415

19.7492180,-0.216550,9.281759,3.415455,9.892588,69.802696,91.336510

19.7517357,-0.187537,9.310472,3.442075,9.928140,69.714462,91.153931

19.7542496,-0.182752,9.310472,3.420241,9.920502,69.832550,91.124496

19.7567654,-0.166002,9.298509,3.430111,9.912391,69.754539,91.022766

19.7592812,-0.151645,9.322437,3.417848,9.930384,69.868195,90.931931

19.7617970,-0.137288,9.298509,3.425326,9.910296,69.779556,90.845886

19.7643127,-0.168395,9.257831,3.401098,9.864242,69.830986,91.042061

19.7668304,-0.139681,9.274581,3.405884,9.881165,69.837463,90.862846

19.7693462,-0.106182,9.233903,3.391527,9.837616,69.833412,90.658821

19.7718620,-0.134895,9.204889,3.389134,9.809914,69.788872,90.839592

19.7743435,-0.132503,9.202497,3.369992,9.801038,69.888985,90.824921

19.7768574,-0.103789,9.176176,3.353242,9.770221,69.927406,90.648026

19.7793732,-0.106182,9.183354,3.329314,9.768807,70.073730,90.662445

19.7818871,-0.070289,9.180962,3.360420,9.776882,69.896881,90.438644

19.7844028,-0.106182,9.164211,3.381956,9.768913,69.745201,90.663834

19.7869167,-0.087039,9.166604,3.355635,9.761889,69.894585,90.544022

19.7894344,-0.115753,9.145069,3.358027,9.742794,69.838478,90.725174

19.7919483,-0.103789,9.099606,3.360420,9.700826,69.732376,90.653481

19.7944927,-0.115753,9.157033,3.372384,9.758977,69.783562,90.724228

19.7970257,-0.127717,9.135498,3.353242,9.732310,69.845833,90.800957

19.7995415,-0.110967,9.125926,3.355635,9.723946,69.812721,90.696655

19.8020573,-0.084646,9.157033,3.341278,9.747952,69.954445,90.529617

19.8045750,-0.087039,9.142676,3.365206,9.742726,69.793358,90.545441

19.8070927,-0.120538,9.121140,3.346063,9.716269,69.856209,90.757133

19.8096066,-0.099003,9.157033,3.355635,9.753016,69.875504,90.619438

19.8121243,-0.096610,9.135498,3.355635,9.732777,69.831833,90.605896

19.8146381,-0.089432,9.149855,3.389134,9.757770,69.676109,90.559998

19.8171558,-0.113360,9.178569,3.396313,9.787436,69.695618,90.707596

19.8196735,-0.091825,9.135498,3.415455,9.753517,69.501869,90.575882

19.8221874,-0.060718,9.159426,3.403491,9.771516,69.616180,90.379807

19.8247051,-0.065504,9.173783,3.403491,9.785006,69.645523,90.409103

19.8272228,-0.048754,9.178569,3.422634,9.796067,69.550079,90.304337

19.8297367,-0.060718,9.176176,3.417848,9.792220,69.571571,90.379112

19.8322544,-0.082253,9.200104,3.427718,9.818245,69.566673,90.512238

19.8347664,-0.082253,9.188140,3.451647,9.815424,69.411400,90.512901

19.8372822,-0.029611,9.195318,3.432504,9.815133,69.530083,90.184509

19.8397980,-0.063111,9.214461,3.442075,9.836573,69.517197,90.392418

19.8423157,-0.087039,9.214461,3.420241,9.829137,69.636826,90.541191

19.8448315,-0.060718,9.204889,3.425326,9.821737,69.589157,90.377930

19.8473473,-0.067896,9.224032,3.410670,9.834635,69.708176,90.421738

19.8498650,-0.082253,9.207282,3.417848,9.821532,69.635246,90.511841

19.8523788,-0.091825,9.178569,3.405884,9.790536,69.642593,90.573181

19.8548965,-0.094217,9.180962,3.401098,9.791139,69.673775,90.587967

19.8574142,-0.134895,9.192925,3.422634,9.810327,69.581131,90.840691

19.8599300,-0.132503,9.188140,3.420241,9.804974,69.584404,90.826210

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19.8649616,-0.158824,9.204889,3.408277,9.816902,69.684792,90.988495

19.8674793,-0.144467,9.176176,3.432504,9.798223,69.493172,90.901970

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19.8725109,-0.187537,9.116355,3.405884,9.733609,69.518211,91.178497

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19.8825340,-0.223729,9.104391,3.393920,9.718986,69.561295,91.407684

19.8850498,-0.206979,9.128320,3.343671,9.723640,69.887154,91.298927

19.8875656,-0.182752,9.097213,3.310171,9.682454,70.008965,91.150848

19.8900814,-0.177966,9.111569,3.369992,9.716440,69.706215,91.118950

19.8925953,-0.189930,9.173783,3.343671,9.765987,69.978111,91.186058

19.8951416,-0.199502,9.168997,3.312564,9.751071,70.140617,91.246460

19.8976669,-0.194716,9.145069,3.329314,9.734194,69.999855,91.219749

19.9001846,-0.170788,9.190533,3.319742,9.773216,70.142769,91.064606

19.9026985,-0.163609,9.195318,3.334099,9.782477,70.072937,91.019341

19.9052162,-0.144467,9.209675,3.334099,9.795672,70.100914,90.898689

19.9077320,-0.115753,9.212068,3.310171,9.789424,70.236557,90.719902

19.9102478,-0.130110,9.219247,3.326921,9.802032,70.158989,90.808556

19.9127655,-0.118146,9.192925,3.293421,9.765780,70.291130,90.736313

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19.9177971,-0.077468,9.195318,3.298207,9.769240,70.268585,90.482689

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19.9228306,-0.065504,9.260223,3.355635,9.849686,70.081421,90.405281

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19.9354076,-0.060718,9.216854,3.365206,9.812171,69.942535,90.377441

19.9379253,-0.063111,9.207282,3.353242,9.799094,69.989082,90.392723

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19.9505062,-0.139681,9.176176,3.367599,9.775604,69.849327,90.872093

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19.9555225,-0.177966,9.178569,3.384349,9.784253,69.763405,91.110786

19.9580402,-0.189930,9.133105,3.391527,9.744339,69.631851,91.191338

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19.9806576,-0.197109,9.202497,3.362813,9.799658,69.930717,91.227036

19.9831734,-0.209372,9.209675,3.350849,9.802558,70.011345,91.302330

19.9856892,-0.182752,9.188140,3.343671,9.779338,70.006607,91.139458

19.9882050,-0.204586,9.197711,3.329314,9.783868,70.105698,91.274231

19.9907207,-0.177966,9.236296,3.329314,9.819632,70.181198,91.103844

19.9932346,-0.180359,9.243474,3.310171,9.819958,70.300560,91.117813

19.9957809,-0.185145,9.269794,3.314957,9.846437,70.326141,91.144211

19.9983101,-0.197109,9.238688,3.310171,9.815775,70.291817,91.222229

20.0008259,-0.199502,9.209675,3.334099,9.796638,70.102959,91.240959

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20.0058594,-0.226122,9.265009,3.307778,9.840372,70.357903,91.398087

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20.0108929,-0.211765,9.284152,3.298207,9.854872,70.447052,91.306648

20.0134068,-0.187537,9.226425,3.314957,9.805663,70.240944,91.164444

20.0159225,-0.230907,9.253045,3.329314,9.836488,70.216576,91.429504

20.0184383,-0.182752,9.248260,3.305385,9.822896,70.336342,91.132057

20.0209541,-0.192323,9.262616,3.291028,9.831781,70.443657,91.189484

20.0234718,-0.202194,9.255438,3.291028,9.825217,70.430054,91.251480

20.0259857,-0.209372,9.243474,3.295814,9.815703,70.380661,91.297569

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20.0310211,-0.238086,9.276974,3.271886,9.839927,70.578735,91.470123

20.0335350,-0.223729,9.286545,3.293421,9.855790,70.478470,91.380089

20.0360527,-0.216550,9.262616,3.288636,9.831484,70.457840,91.339272

20.0385685,-0.218943,9.243474,3.372384,9.841887,69.961205,91.356865

20.0410862,-0.233300,9.250652,3.336492,9.836726,70.172638,91.444687

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20.0461178,-0.204586,9.250652,3.384349,9.852423,69.909485,91.266937

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20.0511494,-0.194716,9.221640,3.353242,9.814316,70.021446,91.209625

20.0536671,-0.221336,9.200104,3.305385,9.778367,70.243080,91.378159

20.0561810,-0.233300,9.233903,3.346063,9.824232,70.086998,91.447304

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20.0637264,-0.173181,9.262616,3.331707,9.845117,70.219841,91.071121

20.0662441,-0.185145,9.265009,3.307778,9.839516,70.356125,91.144798

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20.0813408,-0.127717,9.245867,3.343671,9.832726,70.119759,90.791397

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20.0888882,-0.084646,9.267402,3.317349,9.843613,70.305473,90.523308

20.0914059,-0.072682,9.279366,3.276671,9.841164,70.551727,90.448769

20.0939217,-0.070289,9.248260,3.295814,9.818230,70.385918,90.435455

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20.1039829,-0.142074,9.202497,3.319742,9.784008,70.165588,90.884499

20.1064987,-0.110967,9.221640,3.341278,9.808929,70.084351,90.689430

20.1090145,-0.144467,9.221640,3.365206,9.817542,69.953979,90.897522

20.1115322,-0.132503,9.168997,3.372384,9.770416,69.808266,90.827934

20.1140480,-0.180359,9.176176,3.389134,9.783710,69.732361,91.126015

20.1165619,-0.158824,9.221640,3.379563,9.822694,69.875778,90.986702

20.1190758,-0.156431,9.190533,3.379563,9.793457,69.813095,90.975128

20.1215935,-0.180359,9.188140,3.401098,9.799077,69.690964,91.124542

20.1241074,-0.189930,9.200104,3.367599,9.798913,69.899330,91.182671

20.1266251,-0.223729,9.200104,3.377170,9.802920,69.848328,91.393051

20.1291428,-0.214158,9.241081,3.360420,9.835440,70.021683,91.327568

20.1316566,-0.228515,9.238688,3.346063,9.828617,70.096260,91.416893

20.1341743,-0.211765,9.228818,3.360420,9.823867,69.997147,91.314484

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20.1392040,-0.175573,9.274581,3.312564,9.849962,70.348259,91.084511

20.1417217,-0.185145,9.267402,3.353242,9.857141,70.111916,91.144508

20.1442356,-0.187537,9.279366,3.350849,9.867624,70.148705,91.157799

20.1467533,-0.158824,9.274581,3.317349,9.851289,70.321457,90.981071

20.1492672,-0.127717,9.298509,3.293421,9.865354,70.498161,90.786919

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20.1593323,-0.130110,9.241081,3.343671,9.828258,70.110336,90.806641

20.1618481,-0.142074,9.224032,3.324528,9.805888,70.181976,90.882431

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20.1668816,-0.101396,9.228818,3.355635,9.820471,70.019646,90.629478

20.1693954,-0.091825,9.166604,3.391527,9.774329,69.697105,90.573929

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20.1744003,-0.156431,9.137891,3.413062,9.755742,69.521759,90.980743

20.1769180,-0.163609,9.171391,3.415455,9.788080,69.577492,91.021996

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20.1819477,-0.139681,9.190533,3.377170,9.792378,69.825684,90.870735

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20.1920300,-0.144467,9.190533,3.389134,9.796580,69.760155,90.900566

20.1945457,-0.106182,9.204889,3.334099,9.790684,70.090347,90.660896

20.1970615,-0.094217,9.219247,3.331707,9.803247,70.131813,90.585526

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20.2121677,-0.077468,9.308080,3.350849,9.893156,70.202080,90.476837

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20.2222328,-0.101396,9.188140,3.377170,9.789661,69.819847,90.632263

20.2247486,-0.103789,9.183354,3.393920,9.790989,69.718239,90.647522

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20.2297363,-0.096610,9.147462,3.405884,9.761426,69.579185,90.605103

20.2322235,-0.118146,9.109177,3.384349,9.718275,69.619942,90.743080

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20.2372532,-0.151645,9.180962,3.386741,9.786882,69.754150,90.946289

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20.2422829,-0.175573,9.183354,3.377170,9.786221,69.812439,91.095284

20.2447968,-0.166002,9.197711,3.358027,9.792946,69.946182,91.033974

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20.4788361,-0.163609,9.245867,3.312564,9.822723,70.291512,91.013763

20.4813538,-0.154038,9.197711,3.293421,9.770785,70.301643,90.959465

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20.4863853,-0.130110,9.226425,3.291028,9.796669,70.370689,90.807922

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20.5090046,-0.115753,9.255438,3.283850,9.821415,70.466614,90.716530

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20.5140743,-0.103789,9.269794,3.314957,9.845243,70.323662,90.641479

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20.5492992,-0.156431,9.228818,3.326921,9.811419,70.178764,90.971085

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20.5543289,-0.154038,9.195318,3.367599,9.793790,69.888359,90.959717

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20.5593643,-0.230907,9.209675,3.302993,9.786786,70.275665,91.436234

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20.5971012,-0.307478,9.341579,3.314957,9.917086,70.472015,91.885208

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20.6298122,-0.063111,9.236296,3.247958,9.790934,70.626114,90.391487

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20.6348400,-0.048754,9.209675,3.200101,9.749930,70.839355,90.303307

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20.9769878,-0.228515,9.200104,3.264707,9.764857,70.468056,91.422836

20.9795036,-0.223729,9.231211,3.286243,9.801260,70.409958,91.388359

20.9820194,-0.194716,9.226425,3.302993,9.801765,70.307053,91.209000

20.9845352,-0.149252,9.216854,3.279064,9.783913,70.418427,90.927734

20.9870510,-0.144467,9.207282,3.288636,9.778039,70.346642,90.898926

20.9895287,-0.151645,9.241081,3.257529,9.799596,70.584602,90.940132

20.9920444,-0.144467,9.255438,3.202494,9.794895,70.915916,90.894249

20.9945602,-0.134895,9.274581,3.233601,9.823045,70.780678,90.833290

20.9970741,-0.120538,9.281759,3.250350,9.835159,70.701920,90.744034

20.9995918,-0.099003,9.291330,3.267100,9.849496,70.627869,90.610489

21.0021057,-0.120538,9.305687,3.288636,9.870434,70.538071,90.742119

21.0046215,-0.101396,9.334401,3.274279,9.892534,70.671440,90.622360

21.0071354,-0.055932,9.286545,3.252743,9.839888,70.696800,90.345085

21.0096531,-0.058325,9.265009,3.271886,9.825937,70.549973,90.360680

21.0121975,-0.053539,9.288938,3.291028,9.854852,70.491295,90.330238

21.0147457,-0.063111,9.293723,3.283850,9.857025,70.540031,90.389069

21.0172634,-0.087039,9.248260,3.307778,9.822387,70.320457,90.539215

21.0197811,-0.082253,9.231211,3.331707,9.814391,70.155319,90.510513

21.0222969,-0.077468,9.255438,3.302993,9.827456,70.360657,90.479553

21.0248146,-0.075075,9.272188,3.291028,9.839207,70.459015,90.463898

21.0273323,-0.041575,9.288938,3.281457,9.851602,70.543648,90.256439

21.0298500,-0.060718,9.274581,3.295814,9.842963,70.437218,90.375092

21.0323582,-0.089432,9.276974,3.295814,9.845437,70.442329,90.552322

21.0348740,-0.075075,9.310472,3.314957,9.883292,70.402519,90.461990

21.0373917,-0.077468,9.305687,3.338885,9.886858,70.262619,90.476959

21.0399075,-0.084646,9.300901,3.343671,9.884030,70.227264,90.521423

21.0424252,-0.079860,9.265009,3.353242,9.853477,70.104202,90.493851

21.0449429,-0.099003,9.272188,3.329314,9.852289,70.249626,90.611748

21.0474586,-0.132503,9.272188,3.314957,9.847840,70.329063,90.818718

21.0499763,-0.180359,9.260223,3.319742,9.838951,70.280960,91.115791

21.0524864,-0.154038,9.265009,3.365206,9.858435,70.040672,90.952499

21.0550041,-0.156431,9.243474,3.305385,9.817935,70.325996,90.969543

21.0575218,-0.161216,9.236296,3.338885,9.822592,70.128067,90.999977

21.0600376,-0.185145,9.195318,3.314957,9.776354,70.179222,91.153473

21.0625553,-0.161216,9.183354,3.283850,9.754161,70.326401,91.005737

21.0650692,-0.139681,9.202497,3.293421,9.775074,70.310646,90.869606

21.0675869,-0.199502,9.185747,3.350849,9.779875,69.962997,91.244186

21.0701046,-0.194716,9.166604,3.300600,9.744665,70.201797,91.216888

21.0726147,-0.177966,9.176176,3.341278,9.767191,69.995621,91.111076

21.0751305,-0.180359,9.168997,3.298207,9.745830,70.219215,91.126892

21.0776463,-0.194716,9.212068,3.326921,9.796351,70.146996,91.210884

21.0801640,-0.192323,9.188140,3.312564,9.768929,70.178452,91.199120

21.0826817,-0.194716,9.224032,3.329314,9.808415,70.157585,91.209312

21.0851974,-0.252443,9.243474,3.314957,9.823160,70.277596,91.564377

21.0877132,-0.247657,9.260223,3.295814,9.832368,70.415276,91.531967

21.0902290,-0.226122,9.288938,3.341278,9.874190,70.221489,91.394485

21.0927429,-0.257228,9.320045,3.298207,9.889771,70.518845,91.580933

21.0952587,-0.285942,9.315259,3.310171,9.890048,70.445877,91.758209

21.0977764,-0.273978,9.284152,3.310171,9.860415,70.384705,91.690323

21.1002922,-0.264407,9.269794,3.307778,9.845832,70.369247,91.633835

21.1028080,-0.288335,9.300901,3.322135,9.880611,70.352791,91.775642

21.1053257,-0.273978,9.327223,3.329314,9.907395,70.364006,91.682526

21.1078396,-0.283549,9.308080,3.329314,9.889645,70.327309,91.744843

21.1103573,-0.278764,9.303294,3.324528,9.883394,70.343819,91.716293

21.1128712,-0.245264,9.286545,3.312564,9.862715,70.374710,91.512871

21.1153870,-0.247657,9.284152,3.348456,9.872638,70.173973,91.528015

21.1179047,-0.240479,9.276974,3.346063,9.864898,70.172539,91.484894

21.1204185,-0.247657,9.260223,3.317349,9.839607,70.297127,91.531967

21.1229362,-0.211765,9.228818,3.302993,9.804371,70.312500,91.314484

21.1254539,-0.194716,9.188140,3.319742,9.771414,70.138954,91.214035

21.1279678,-0.187537,9.173783,3.319742,9.757774,70.110016,91.171120

21.1304855,-0.163609,9.147462,3.310171,9.729340,70.109375,91.024666

21.1329994,-0.197109,9.154640,3.302993,9.734272,70.164803,91.233444

21.1355171,-0.226122,9.161819,3.326921,9.749793,70.048180,91.413826

21.1380329,-0.180359,9.154640,3.329314,9.742910,70.018509,91.128662

21.1405487,-0.106182,9.109177,3.300600,9.689289,70.083878,90.667839

21.1430664,-0.118146,9.125926,3.307778,9.707620,70.078011,90.741722

21.1455803,-0.079860,9.159426,3.334099,9.747701,69.998817,90.499542

21.1480980,-0.108574,9.161819,3.293421,9.736392,70.229172,90.678963

21.1506157,-0.101396,9.140284,3.298207,9.717676,70.159508,90.635574

21.1530914,-0.075075,9.183354,3.295814,9.757153,70.258057,90.468391

21.1556053,-0.063111,9.180962,3.310171,9.759676,70.173798,90.393852

21.1581211,-0.089432,9.147462,3.317349,9.730820,70.067574,90.560143

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21.1631508,-0.087039,9.188140,3.293421,9.760948,70.280968,90.542747

21.1656666,-0.120538,9.178569,3.262315,9.741835,70.434952,90.752396

21.1681824,-0.122931,9.207282,3.238386,9.760958,70.623802,90.764938

21.1706982,-0.125324,9.214461,3.233601,9.766175,70.664322,90.779221

21.1732407,-0.084646,9.228818,3.233601,9.779285,70.691269,90.525497

21.1757698,-0.125324,9.243474,3.245565,9.797510,70.654472,90.776772

21.1782875,-0.127717,9.238688,3.255136,9.796203,70.592445,90.792015

21.1808052,-0.146859,9.231211,3.286243,9.799807,70.406937,90.911446

21.1833191,-0.139681,9.274581,3.235994,9.823900,70.767632,90.862846

21.1858368,-0.075075,9.267402,3.224029,9.812479,70.818352,90.464142

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21.1908684,-0.087039,9.243474,3.204887,9.783695,70.878387,90.539497

21.1933708,-0.094217,9.267402,3.168994,9.794700,71.122749,90.582481

21.1958866,-0.110967,9.303294,3.128017,9.815706,71.417206,90.683372

21.1984024,-0.108574,9.327223,3.164209,9.849928,71.261955,90.666924

21.2009182,-0.127717,9.334401,3.157030,9.854653,71.315338,90.783897

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21.2059498,-0.134895,9.329616,3.144767,9.846292,71.374207,90.828369

21.2084675,-0.156431,9.315259,3.188137,9.846966,71.109024,90.962074

21.2109814,-0.154038,9.305687,3.195316,9.840202,71.051353,90.948334

21.2134762,-0.166002,9.310472,3.195316,9.844923,71.060791,91.021454

21.2159920,-0.151645,9.310472,3.209672,9.849360,70.981331,90.933128

21.2185078,-0.189930,9.296116,3.221637,9.840365,70.889572,91.170456

21.2210236,-0.206979,9.253045,3.231208,9.803183,70.755013,91.281425

21.2235374,-0.245264,9.248260,3.204887,9.790902,70.893013,91.519135

21.2260532,-0.250050,9.257831,3.212065,9.802414,70.871918,91.547157

21.2285709,-0.245264,9.260223,3.216851,9.806122,70.849831,91.517166

21.2310848,-0.285942,9.262616,3.235994,9.815777,70.751091,91.768196

21.2336311,-0.300299,9.276974,3.250350,9.834491,70.700554,91.854042

21.2361584,-0.278764,9.298509,3.245565,9.852597,70.766907,91.717178

21.2386723,-0.290728,9.250652,3.255136,9.810964,70.622810,91.800087

21.2411900,-0.302692,9.233903,3.264707,9.798718,70.538284,91.877510

21.2437077,-0.285942,9.257831,3.214458,9.804179,70.860687,91.769104

21.2462234,-0.297906,9.286545,3.228815,9.836356,70.837212,91.837379

21.2487392,-0.302692,9.250652,3.245565,9.808154,70.676300,91.874115

21.2512550,-0.278764,9.262616,3.240779,9.817149,70.724304,91.723831

21.2537689,-0.295514,9.276974,3.252743,9.835136,70.687103,91.824516

21.2562847,-0.259621,9.255438,3.269493,9.819375,70.551254,91.606766

21.2588024,-0.269193,9.272188,3.291028,9.842602,70.466026,91.662956

21.2613182,-0.271585,9.269794,3.286243,9.838813,70.487770,91.678162

21.2638340,-0.283549,9.262616,3.334099,9.848486,70.212097,91.753403

21.2663517,-0.283549,9.241081,3.343671,9.831486,70.117142,91.757492

21.2688656,-0.254836,9.248260,3.302993,9.823696,70.352829,91.578384

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21.2738991,-0.300299,9.248260,3.319742,9.830625,70.263565,91.859795

21.2764149,-0.269193,9.236296,3.346063,9.827398,70.093689,91.669418

21.2789326,-0.242871,9.284152,3.350849,9.873330,70.160660,91.498505

21.2814503,-0.254836,9.255438,3.362813,9.850715,70.039177,91.577164

21.2839642,-0.262014,9.226425,3.365206,9.824469,69.968719,91.626663

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21.2889977,-0.216550,9.265009,3.302993,9.838550,70.383705,91.338928

21.2915134,-0.211765,9.288938,3.283850,9.854587,70.535019,91.305977

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21.3066120,-0.173181,9.216854,3.286243,9.786715,70.379654,91.076439

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21.3292542,-0.214158,9.248260,3.295814,9.820313,70.390251,91.326538

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21.3368034,-0.230907,9.219247,3.291028,9.791767,70.360458,91.434746

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21.3619652,-0.247657,9.265009,3.267100,9.827292,70.582344,91.531174

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21.3720284,-0.209372,9.303294,3.276671,9.865683,70.601997,91.289230

21.3745461,-0.233300,9.281759,3.286243,9.849105,70.508987,91.439842

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21.3896427,-0.175573,9.243474,3.286243,9.811831,70.431931,91.088165

21.3921604,-0.151645,9.202497,3.276671,9.769622,70.403511,90.944077

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21.4148006,-0.053539,9.248260,3.250350,9.802957,70.636002,90.331688

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21.4726753,-0.216550,9.214461,3.250350,9.773330,70.574951,91.346268

21.4751873,-0.238086,9.204889,3.247958,9.764010,70.570549,91.481636

21.4777050,-0.252443,9.195318,3.228815,9.748993,70.658691,91.572571

21.4802227,-0.245264,9.188140,3.276671,9.758004,70.379219,91.529068

21.4827366,-0.240479,9.224032,3.219244,9.772622,70.766754,91.493416

21.4852543,-0.252443,9.231211,3.279064,9.799553,70.450951,91.566460

21.4877682,-0.211765,9.228818,3.317349,9.809216,70.233543,91.314484

21.4902859,-0.216550,9.238688,3.259922,9.799355,70.569267,91.342743

21.4928036,-0.245264,9.262616,3.252743,9.820211,70.656586,91.516777

21.4952812,-0.235693,9.238688,3.279064,9.806181,70.464706,91.461388

21.4977951,-0.209372,9.228818,3.271886,9.793883,70.483734,91.299629

21.5003109,-0.202194,9.274581,3.233601,9.824200,70.783020,91.248894

21.5028267,-0.194716,9.255438,3.281457,9.821864,70.482353,91.205208

21.5053406,-0.180359,9.250652,3.257529,9.809108,70.604179,91.116951

21.5078564,-0.177966,9.284152,3.283850,9.849407,70.524376,91.098160

21.5103722,-0.163609,9.250652,3.245565,9.804848,70.669525,91.013245

21.5128880,-0.168395,9.200104,3.286243,9.770858,70.346504,91.048599

21.5154114,-0.125324,9.236296,3.269493,9.798697,70.508553,90.777382

21.5179253,-0.075075,9.241081,3.300600,9.813112,70.345596,90.465462

21.5204411,-0.125324,9.228818,3.279064,9.794848,70.441177,90.778008

21.5229568,-0.096610,9.224032,3.269493,9.786812,70.483925,90.600082

21.5254726,-0.075075,9.243474,3.329314,9.825059,70.192604,90.465340

21.5279884,-0.060718,9.214461,3.300600,9.787949,70.292984,90.377541

21.5305023,-0.084646,9.183354,3.269493,9.748371,70.403824,90.528099

21.5330200,-0.070289,9.200104,3.324528,9.782604,70.132828,90.437737

21.5355415,-0.084646,9.200104,3.338885,9.787605,70.054024,90.527138

21.5380554,-0.096610,9.188140,3.312564,9.767514,70.175453,90.602425

21.5405731,-0.091825,9.190533,3.300600,9.765668,70.246155,90.572433

21.5430870,-0.142074,9.200104,3.353242,9.793178,69.976479,90.884727

21.5456028,-0.154038,9.171391,3.362813,9.769680,69.866470,90.962219

21.5481186,-0.125324,9.214461,3.293421,9.786145,70.333839,90.779221

21.5506344,-0.146859,9.209675,3.317349,9.790020,70.193169,90.913574

21.5531502,-0.158824,9.185747,3.302993,9.762835,70.225258,90.990555

21.5556641,-0.177966,9.190533,3.293421,9.764435,70.288300,91.109344

21.5581818,-0.180359,9.168997,3.276671,9.738563,70.338440,91.126892

21.5606956,-0.187537,9.204889,3.262315,9.767694,70.488853,91.167168

21.5632114,-0.185145,9.216854,3.245565,9.773350,70.604736,91.150780

21.5657253,-0.197109,9.212068,3.245565,9.769070,70.595901,91.225761

21.5682430,-0.173181,9.243474,3.262315,9.803801,70.563606,91.073334

21.5707588,-0.216550,9.260223,3.204887,9.801527,70.914528,91.339615

21.5732727,-0.214158,9.243474,3.235994,9.795883,70.710449,91.327225

21.5757904,-0.197109,9.253045,3.267100,9.814868,70.556778,91.220329

21.5783043,-0.189930,9.241081,3.250350,9.797879,70.625565,91.177422

21.5808220,-0.199502,9.195318,3.274279,9.762918,70.404411,91.242897

21.5833378,-0.209372,9.250652,3.257529,9.809684,70.605370,91.296570

21.5858517,-0.180359,9.243474,3.233601,9.794413,70.722275,91.117813

21.5883694,-0.199502,9.219247,3.231208,9.771132,70.689384,91.239670

21.5908833,-0.189930,9.255438,3.231208,9.805096,70.758919,91.175598

21.5933990,-0.170788,9.250652,3.209672,9.793147,70.867928,91.057686

21.5959187,-0.185145,9.269794,3.247958,9.824082,70.694084,91.144211

21.5984325,-0.197109,9.286545,3.245565,9.839332,70.739952,91.215935

21.6009502,-0.173181,9.279366,3.262315,9.837648,70.633156,91.069183

21.6034641,-0.137288,9.257831,3.238386,9.808844,70.722137,90.849602

21.6059799,-0.163609,9.267402,3.257529,9.824612,70.636009,91.011414

21.6084957,-0.120538,9.257831,3.259922,9.815755,70.603035,90.745956

21.6110115,-0.103789,9.269794,3.293421,9.838013,70.441757,90.641479

21.6135273,-0.122931,9.257831,3.267100,9.818172,70.563583,90.760765

21.6160469,-0.130110,9.231211,3.269493,9.793965,70.498756,90.807503

21.6185627,-0.094217,9.298509,3.269493,9.857014,70.628494,90.580528

21.6210804,-0.091825,9.288938,3.288636,9.854335,70.504990,90.566368

21.6235943,-0.084646,9.303294,3.269493,9.861442,70.637535,90.521294

21.6261120,-0.094217,9.303294,3.259922,9.858359,70.690193,90.580231

21.6286259,-0.106182,9.274581,3.259922,9.831389,70.635117,90.655930

21.6311436,-0.125324,9.267402,3.252743,9.822463,70.661194,90.774773

21.6336575,-0.087039,9.296116,3.264707,9.853105,70.649994,90.536438

21.6361828,-0.120538,9.272188,3.288636,9.838858,70.473076,90.744804

21.6386986,-0.144467,9.265009,3.312564,9.840445,70.328468,90.893326

21.6412163,-0.175573,9.267402,3.279064,9.831980,70.518036,91.085350

21.6437302,-0.149252,9.279366,3.288636,9.846017,70.487854,90.921486

21.6462479,-0.216550,9.248260,3.312564,9.826000,70.298355,91.341354

21.6487617,-0.235693,9.248260,3.314957,9.827248,70.286140,91.459877

21.6512794,-0.182752,9.202497,3.312564,9.782250,70.206566,91.137688

21.6537933,-0.221336,9.214461,3.295814,9.788651,70.324203,91.376007

21.6563416,-0.250050,9.216854,3.288636,9.789180,70.369926,91.554031

21.6588593,-0.276371,9.231211,3.319742,9.813884,70.228493,91.714851

21.6613750,-0.293121,9.216854,3.288636,9.790376,70.372421,91.821548

21.6638908,-0.269193,9.212068,3.300600,9.789209,70.295624,91.673805

21.6664085,-0.278764,9.224032,3.293421,9.798322,70.359283,91.731033

21.6689243,-0.288335,9.214461,3.293421,9.789589,70.341042,91.792290

21.6714420,-0.288335,9.212068,3.288636,9.785727,70.362717,91.792755

21.6739597,-0.266800,9.243474,3.307778,9.821119,70.317810,91.653305

21.6764717,-0.264407,9.243474,3.310171,9.821860,70.304535,91.638481

21.6789894,-0.269193,9.243474,3.281457,9.812351,70.462662,91.668121

21.6815052,-0.302692,9.288938,3.314957,9.867367,70.369591,91.866394

21.6840210,-0.273978,9.267402,3.257529,9.827069,70.641045,91.693382

21.6865368,-0.264407,9.257831,3.281457,9.825747,70.490379,91.635941

21.6890545,-0.276371,9.228818,3.291028,9.801955,70.381714,91.715294

21.6915722,-0.266800,9.265009,3.281457,9.832575,70.504471,91.649460

21.6940880,-0.273978,9.250652,3.274279,9.816850,70.516426,91.696442

21.6966000,-0.290728,9.265009,3.274279,9.830861,70.545319,91.797302

21.6991158,-0.273978,9.209675,3.283850,9.781454,70.383545,91.703987

21.7016335,-0.264407,9.238688,3.269493,9.803717,70.518936,91.639328

21.7041512,-0.273978,9.267402,3.267100,9.830246,70.588417,91.693382

21.7066669,-0.290728,9.272188,3.295814,9.844815,70.441048,91.795914

21.7091827,-0.295514,9.262616,3.293421,9.835141,70.435814,91.827339

21.7116985,-0.290728,9.248260,3.312564,9.827914,70.302345,91.800552

21.7142162,-0.307478,9.250652,3.334099,9.837954,70.190025,91.903725

21.7167301,-0.293121,9.233903,3.324528,9.818521,70.208542,91.818184

21.7192459,-0.269193,9.267402,3.300600,9.841299,70.404198,91.663818

21.7217636,-0.271585,9.269794,3.341278,9.857332,70.186249,91.678162

21.7242794,-0.273978,9.253045,3.336492,9.840025,70.179558,91.696007

21.7267952,-0.278764,9.260223,3.307778,9.837217,70.351349,91.724274

21.7293129,-0.290728,9.248260,3.350849,9.840885,70.092491,91.800552

21.7318287,-0.285942,9.250652,3.334099,9.837304,70.188660,91.770477

21.7343464,-0.278764,9.267402,3.286243,9.836760,70.483536,91.722939

21.7368221,-0.309871,9.265009,3.305385,9.841849,70.375763,91.915558

21.7393398,-0.283549,9.241081,3.334099,9.828235,70.169617,91.757492

21.7418537,-0.295514,9.288938,3.322135,9.869563,70.329887,91.822166

21.7443695,-0.283549,9.255438,3.346063,9.845795,70.132446,91.754761

21.7468834,-0.271585,9.233903,3.355635,9.828480,70.036621,91.684685

21.7494011,-0.257228,9.228818,3.336492,9.816793,70.130684,91.596550

21.7519150,-0.240479,9.236296,3.358027,9.830734,70.026558,91.491432

21.7544308,-0.250050,9.207282,3.372384,9.808646,69.890373,91.555649

21.7569771,-0.230907,9.190533,3.374777,9.793280,69.842537,91.439224

21.7595043,-0.214158,9.190533,3.355635,9.786319,69.946930,91.334862

21.7620201,-0.226122,9.200104,3.355635,9.795577,69.966698,91.407944

21.7645359,-0.228515,9.188140,3.358027,9.785217,69.929657,91.424690

21.7670536,-0.226122,9.159426,3.348456,9.754915,69.924484,91.414192

21.7695694,-0.218943,9.157033,3.319742,9.742683,70.077911,91.369675

21.7720871,-0.192323,9.214461,3.338885,9.802624,70.085876,91.195694

21.7746010,-0.182752,9.202497,3.336492,9.790380,70.074806,91.137688

21.7771091,-0.180359,9.202497,3.300600,9.778161,70.272438,91.122795

21.7796249,-0.187537,9.159426,3.259922,9.724060,70.412689,91.172958

21.7821407,-0.139681,9.219247,3.264707,9.781223,70.502068,90.868027

21.7846565,-0.154038,9.250652,3.247958,9.805485,70.656013,90.953979

21.7871742,-0.187537,9.238688,3.240779,9.792404,70.673660,91.162895

21.7896900,-0.161216,9.267402,3.235994,9.817453,70.754509,90.996620

21.7922058,-0.168395,9.269794,3.238386,9.820621,70.746170,91.040718

21.7947235,-0.156431,9.276974,3.291028,9.844672,70.470306,90.966042

21.7972431,-0.139681,9.305687,3.262315,9.861948,70.682770,90.859962

21.7997570,-0.158824,9.284152,3.271886,9.845098,70.589340,90.980064

21.8022747,-0.192323,9.279366,3.283850,9.845166,70.515640,91.187332

21.8047905,-0.180359,9.300901,3.286243,9.866037,70.543785,91.110916

21.8073063,-0.122931,9.291330,3.329314,9.870576,70.287735,90.758018

21.8098240,-0.170788,9.308080,3.302993,9.878222,70.465698,91.051163

21.8123398,-0.182752,9.267402,3.312564,9.843334,70.334480,91.129715

21.8148556,-0.185145,9.260223,3.319742,9.839040,70.281143,91.145393

21.8173676,-0.192323,9.241081,3.319742,9.821164,70.243759,91.192253

21.8198853,-0.175573,9.224032,3.326921,9.807241,70.169968,91.090454

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21.8249168,-0.199502,9.212068,3.341278,9.801333,70.068260,91.240631

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21.8551102,-0.254836,9.241081,3.305385,9.817744,70.325600,91.579613

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21.8626575,-0.259621,9.267402,3.279064,9.833839,70.521873,91.604691

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21.8676891,-0.252443,9.265009,3.305385,9.840208,70.372360,91.560745

21.8702068,-0.269193,9.241081,3.312564,9.820546,70.286957,91.668556

21.8727207,-0.276371,9.257831,3.310171,9.835702,70.333389,91.709923

21.8752384,-0.247657,9.253045,3.302993,9.828018,70.361824,91.533150

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21.9506683,-0.175573,9.236296,3.312564,9.813922,70.273102,91.089005

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21.9582443,-0.197109,9.238688,3.326921,9.821437,70.199829,91.222229

21.9607697,-0.211765,9.265009,3.288636,9.833634,70.462280,91.309349

21.9632854,-0.206979,9.200104,3.329314,9.786167,70.110573,91.288795

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21.9708347,-0.206979,9.221640,3.322135,9.803982,70.192825,91.285782

21.9733505,-0.218943,9.219247,3.324528,9.802803,70.175484,91.360435

21.9758663,-0.187537,9.243474,3.334099,9.828184,70.169510,91.162292

21.9783802,-0.180359,9.219247,3.298207,9.793120,70.318687,91.120750

21.9808941,-0.204586,9.197711,3.307778,9.776561,70.224373,91.274231

21.9834118,-0.216550,9.219247,3.310171,9.797890,70.254349,91.345573

21.9859257,-0.226122,9.202497,3.336492,9.791285,70.076729,91.407578

21.9884434,-0.209372,9.231211,3.334099,9.817093,70.146164,91.299294

21.9909592,-0.211765,9.250652,3.336492,9.836239,70.171616,91.311378

21.9934750,-0.202194,9.245867,3.329314,9.829103,70.201096,91.252777

21.9959431,-0.209372,9.257831,3.329314,9.840508,70.224998,91.295563

21.9984589,-0.185145,9.224032,3.338885,9.811483,70.104614,91.149887

22.0009747,-0.199502,9.228818,3.346063,9.818708,70.075325,91.238380

22.0034904,-0.199502,9.257831,3.341278,9.844357,70.159042,91.234505

22.0060062,-0.168395,9.226425,3.307778,9.802892,70.279701,91.045609

22.0085220,-0.175573,9.209675,3.293421,9.782411,70.326019,91.092155

22.0110397,-0.204586,9.255438,3.300600,9.828476,70.377586,91.266289

22.0135536,-0.166002,9.253045,3.267100,9.814293,70.555595,91.027794

22.0160713,-0.182752,9.272188,3.298207,9.843019,70.422546,91.129135

22.0186005,-0.158824,9.257831,3.279064,9.822674,70.498833,90.982849

22.0211143,-0.156431,9.255438,3.245565,9.809245,70.678535,90.968292

22.0236320,-0.180359,9.228818,3.255136,9.787723,70.574959,91.119591

22.0261497,-0.170788,9.233903,3.279064,9.800326,70.452560,91.059608

22.0286636,-0.182752,9.250652,3.286243,9.818726,70.446228,91.131760

22.0311813,-0.168395,9.281759,3.221637,9.826411,70.861374,91.039375

22.0336990,-0.132503,9.265009,3.276671,9.828251,70.525146,90.819351

22.0362129,-0.163609,9.265009,3.271886,9.827126,70.552414,91.011673

22.0387592,-0.163609,9.274581,3.291028,9.842535,70.465889,91.010628

22.0412750,-0.166002,9.238688,3.274279,9.803154,70.488106,91.029388

22.0437927,-0.180359,9.248260,3.283850,9.815625,70.454620,91.117241

22.0463104,-0.180359,9.250652,3.291028,9.820284,70.419823,91.116951

22.0488262,-0.142074,9.245867,3.276671,9.810342,70.488152,90.880348

22.0513439,-0.151645,9.245867,3.291028,9.815290,70.409454,90.939644

22.0538616,-0.175573,9.219247,3.279064,9.786603,70.424026,91.091019

22.0563774,-0.130110,9.204889,3.329314,9.789344,70.117294,90.809814

22.0588474,-0.110967,9.221640,3.298207,9.794341,70.321243,90.689430

22.0613632,-0.139681,9.200104,3.322135,9.782536,70.147583,90.869827

22.0638771,-0.120538,9.190533,3.346063,9.781440,69.996170,90.751419

22.0663948,-0.106182,9.204889,3.319742,9.785804,70.169380,90.660896

22.0689087,-0.103789,9.202497,3.310171,9.780284,70.217323,90.646172

22.0714264,-0.101396,9.190533,3.341278,9.779587,70.022057,90.632095

22.0739422,-0.084646,9.178569,3.329314,9.764098,70.063713,90.528374

22.0764561,-0.103789,9.180962,3.324528,9.764902,70.095291,90.647690

22.0790024,-0.070289,9.226425,3.343671,9.813868,70.079941,90.436485

22.0815296,-0.070289,9.221640,3.331707,9.805297,70.136139,90.436714

22.0840454,-0.108574,9.238688,3.324528,9.819248,70.210068,90.673317

22.0865612,-0.096610,9.216854,3.317349,9.796149,70.206078,90.600548

22.0890789,-0.096610,9.226425,3.302993,9.800306,70.304001,90.599922

22.0915947,-0.115753,9.238688,3.334099,9.822575,70.157707,90.717827

22.0941124,-0.115753,9.276974,3.343671,9.861834,70.180901,90.714867

22.0966282,-0.120538,9.253045,3.334099,9.836137,70.186211,90.746346

22.0991383,-0.156431,9.243474,3.329314,9.826016,70.194611,90.969543

22.1016541,-0.156431,9.243474,3.322135,9.823587,70.234009,90.969543

22.1041718,-0.185145,9.253045,3.317349,9.831476,70.280159,91.146278

22.1066875,-0.202194,9.238688,3.312564,9.816686,70.278885,91.253746

22.1092033,-0.204586,9.202497,3.305385,9.780254,70.247047,91.273567

22.1117210,-0.216550,9.202497,3.312564,9.782940,70.208023,91.348022

22.1142387,-0.211765,9.248260,3.341278,9.835613,70.140656,91.311722

22.1167526,-0.204586,9.209675,3.343671,9.800005,70.050568,91.272575

22.1192684,-0.214158,9.202497,3.346063,9.794281,70.023521,91.333130

22.1217842,-0.233300,9.221640,3.324528,9.805384,70.180916,91.449226

22.1243000,-0.226122,9.255438,3.295814,9.827342,70.404846,91.399529

22.1268158,-0.211765,9.238688,3.317349,9.818503,70.253021,91.313080

22.1293335,-0.199502,9.212068,3.331707,9.798074,70.120880,91.240631

22.1318512,-0.221336,9.221640,3.310171,9.800247,70.259293,91.374939

22.1343651,-0.204586,9.233903,3.281457,9.801774,70.440720,91.269241

22.1368828,-0.218943,9.233903,3.300600,9.808510,70.335999,91.358276

22.1393623,-0.214158,9.253045,3.302993,9.827230,70.360184,91.325851

22.1418781,-0.235693,9.228818,3.291028,9.800893,70.379501,91.462952

22.1443939,-0.230907,9.231211,3.269493,9.795823,70.502609,91.432884

22.1469097,-0.173181,9.262616,3.257529,9.820262,70.627090,91.071121

22.1494236,-0.211765,9.272188,3.271886,9.834813,70.568230,91.308334

22.1519413,-0.228515,9.276974,3.293421,9.846882,70.460091,91.411049

22.1544571,-0.180359,9.262616,3.269493,9.824367,70.561539,91.115509

22.1569710,-0.151645,9.262616,3.271886,9.824677,70.547379,90.937950

22.1595173,-0.127717,9.279366,3.298207,9.848915,70.434746,90.788544

22.1620388,-0.120538,9.248260,3.247958,9.802758,70.650421,90.746727

22.1645546,-0.115753,9.308080,3.259922,9.863105,70.699852,90.712479

22.1670723,-0.084646,9.320045,3.269493,9.877245,70.669746,90.520355

22.1695862,-0.060718,9.300901,3.281457,9.862982,70.567001,90.374031

22.1721039,-0.087039,9.291330,3.307778,9.862950,70.404709,90.536720

22.1746216,-0.041575,9.272188,3.288636,9.838207,70.471733,90.256905

22.1771374,-0.051147,9.279366,3.300600,9.849021,70.420189,90.315804

22.1796474,-0.063111,9.317652,3.314957,9.889973,70.416298,90.388069

22.1821632,-0.043968,9.262616,3.326921,9.842072,70.243073,90.271973

22.1846790,-0.053539,9.262616,3.336492,9.845360,70.190750,90.331177

22.1871967,-0.046361,9.231211,3.334099,9.814969,70.141685,90.287750

22.1897125,-0.058325,9.231211,3.334099,9.815033,70.141823,90.362007

22.1922283,-0.063111,9.202497,3.324528,9.784805,70.137482,90.392929

22.1947441,-0.110967,9.212068,3.302993,9.786943,70.275993,90.690140

22.1972618,-0.063111,9.195318,3.331707,9.780498,70.083641,90.393234

22.1997719,-0.099003,9.166604,3.343671,9.757897,69.960800,90.618797

22.2022896,-0.134895,9.157033,3.350849,9.751801,69.902832,90.843979

22.2048054,-0.106182,9.173783,3.372384,9.774588,69.817261,90.663139

22.2073212,-0.130110,9.197711,3.338885,9.785855,70.050301,90.810448

22.2098389,-0.149252,9.159426,3.348456,9.753436,69.921310,90.933548

22.2123528,-0.151645,9.166604,3.338885,9.756935,69.988647,90.947769

22.2148705,-0.137288,9.142676,3.358027,9.740828,69.834236,90.860298

22.2173862,-0.175573,9.188140,3.314957,9.769425,70.164581,91.094711

22.2199001,-0.163609,9.224032,3.329314,9.807847,70.156387,91.016167

22.2224159,-0.185145,9.212068,3.329314,9.796979,70.133446,91.151382

22.2249317,-0.175573,9.197711,3.334099,9.784934,70.078156,91.093575

22.2274475,-0.170788,9.209675,3.353242,9.802628,69.996605,91.062393

22.2299633,-0.206979,9.233903,3.312564,9.812283,70.269669,91.284081

22.2324810,-0.204586,9.241081,3.274279,9.806138,70.494286,91.268250

22.2349968,-0.173181,9.204889,3.307778,9.782708,70.237320,91.077835

22.2375126,-0.204586,9.195318,3.310171,9.775120,70.206436,91.274559

22.2399940,-0.202194,9.248260,3.300600,9.821668,70.363426,91.252449

22.2425079,-0.180359,9.248260,3.322135,9.828501,70.244301,91.117241

22.2450237,-0.170788,9.195318,3.300600,9.771234,70.257874,91.064049

22.2475376,-0.214158,9.241081,3.305385,9.816772,70.323570,91.327568

22.2500534,-0.204586,9.269794,3.317349,9.847627,70.313835,91.264328

22.2525673,-0.163609,9.265009,3.298207,9.835920,70.407845,91.011673

22.2550850,-0.168395,9.296116,3.317349,9.871724,70.363869,91.037773

22.2576008,-0.197109,9.315259,3.360420,9.904813,70.167503,91.212181

22.2601433,-0.202194,9.296116,3.329314,9.876385,70.299812,91.246002

22.2626705,-0.177966,9.269794,3.329314,9.851147,70.247238,91.099861

22.2651882,-0.177966,9.284152,3.326921,9.863851,70.288506,91.098160

22.2677040,-0.173181,9.284152,3.367599,9.877560,70.066193,91.068634

22.2702198,-0.168395,9.315259,3.331707,9.894578,70.322807,91.035645

22.2727375,-0.144467,9.267402,3.336492,9.850776,70.202095,90.893097

22.2752533,-0.127717,9.241081,3.343671,9.828226,70.110268,90.791809

22.2777691,-0.144467,9.228818,3.374777,9.827567,69.915901,90.896828

22.2802811,-0.149252,9.200104,3.331707,9.785932,70.095169,90.929420

22.2827988,-0.125324,9.190533,3.314957,9.770903,70.167702,90.781250

22.2853127,-0.139681,9.207282,3.291028,9.778774,70.333290,90.869148

22.2878304,-0.151645,9.183354,3.329314,9.769407,70.075005,90.946045

22.2903461,-0.108574,9.188140,3.322135,9.770889,70.122917,90.677017

22.2928619,-0.108574,9.197711,3.312564,9.776643,70.194740,90.676315

22.2953777,-0.091825,9.166604,3.312564,9.747211,70.132431,90.573929

22.2978935,-0.108574,9.202497,3.271886,9.767445,70.428757,90.675964

22.3004093,-0.108574,9.214461,3.310171,9.791594,70.241119,90.675087

22.3029251,-0.158824,9.241081,3.291028,9.810896,70.400322,90.984627

22.3054409,-0.166002,9.238688,3.271886,9.802355,70.501282,91.029388

22.3079567,-0.149252,9.226425,3.317349,9.805815,70.226402,90.926773

22.3104725,-0.154038,9.265009,3.329314,9.846240,70.236992,90.952499

22.3129902,-0.180359,9.288938,3.338885,9.872438,70.232590,91.112343

22.3155060,-0.154038,9.241081,3.343671,9.828603,70.111069,90.954964

22.3180218,-0.180359,9.233903,3.346063,9.823117,70.084648,91.118973

22.3205376,-0.218943,9.265009,3.336492,9.849899,70.200264,91.353714

22.3230534,-0.173181,9.248260,3.319742,9.827562,70.257156,91.072784

22.3255692,-0.175573,9.243474,3.314957,9.821486,70.274094,91.088165

22.3280849,-0.202194,9.255438,3.338885,9.841351,70.167534,91.251480

22.3306007,-0.211765,9.233903,3.353242,9.826192,70.046616,91.313759

22.3331184,-0.216550,9.221640,3.336492,9.809063,70.114365,91.345222

22.3356323,-0.218943,9.204889,3.346063,9.796635,70.028519,91.362556

22.3381500,-0.185145,9.219247,3.331707,9.804543,70.134544,91.150482

22.3406277,-0.192323,9.209675,3.310171,9.788377,70.234360,91.196320

22.3431435,-0.177966,9.195318,3.362813,9.792551,69.915527,91.108765

22.3456573,-0.192323,9.188140,3.393920,9.796816,69.730835,91.199120

22.3481731,-0.146859,9.183354,3.336492,9.771783,70.035278,90.916191

22.3506889,-0.161216,9.178569,3.324528,9.763432,70.092163,91.006264

22.3532047,-0.161216,9.231211,3.317349,9.810507,70.236252,91.000526

22.3557186,-0.158824,9.204889,3.336492,9.792211,70.078690,90.988495

22.3582344,-0.144467,9.224032,3.329314,9.807547,70.155754,90.897293

22.3607635,-0.120538,9.224032,3.310171,9.800741,70.260330,90.748688

22.3632793,-0.130110,9.190533,3.305385,9.767722,70.220650,90.811081

22.3657932,-0.151645,9.221640,3.326921,9.804592,70.164383,90.942116

22.3683109,-0.154038,9.226425,3.307778,9.802655,70.279205,90.956482

22.3708248,-0.089432,9.236296,3.338885,9.821675,70.126129,90.554756

22.3733406,-0.077468,9.262616,3.348456,9.849580,70.125603,90.479179

22.3758564,-0.084646,9.257831,3.312564,9.832989,70.312935,90.523849

22.3783722,-0.077468,9.260223,3.317349,9.836796,70.291260,90.479301

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22.3884296,-0.046361,9.226425,3.365206,9.821084,69.961517,90.287895

22.3909454,-0.046361,9.200104,3.350849,9.791437,69.987671,90.288719

22.3934612,-0.096610,9.166604,3.302993,9.744009,70.185455,90.603836

22.3959770,-0.087039,9.192925,3.334099,9.779247,70.066078,90.542465

22.3984928,-0.039182,9.200104,3.353242,9.792225,69.974442,90.244019

22.4010372,-0.058325,9.192925,3.286243,9.762821,70.329659,90.363510

22.4035625,-0.039182,9.209675,3.279064,9.776089,70.402115,90.243759

22.4060802,-0.012861,9.197711,3.257529,9.757538,70.497536,90.080116

22.4085960,-0.000897,9.228818,3.243172,9.782088,70.637611,90.005569

22.4111118,0.018245,9.241081,3.226422,9.788141,70.753944,89.886879

22.4136295,0.015852,9.243474,3.219244,9.788033,70.798225,89.901741

22.4161453,0.027817,9.260223,3.188137,9.793709,71.002365,89.827888

22.4186611,0.018245,9.281759,3.173780,9.809397,71.122559,89.887375

22.4211712,0.020638,9.274581,3.212065,9.815072,70.897545,89.872505

22.4236889,-0.003290,9.288938,3.226422,9.833320,70.845825,90.020294

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22.4287205,-0.032004,9.320045,3.202494,9.854959,71.036682,90.196747

22.4312382,-0.010469,9.281759,3.224029,9.825758,70.845284,90.064621

22.4337540,-0.005683,9.267402,3.271886,9.828021,70.554260,90.035133

22.4362698,-0.000897,9.248260,3.269493,9.809174,70.530212,90.005562

22.4387856,-0.063111,9.245867,3.264707,9.805527,70.552338,90.391083

22.4412632,-0.089432,9.236296,3.271886,9.799102,70.494553,90.554756

22.4437771,-0.029611,9.226425,3.267100,9.787836,70.500908,90.183884

22.4462948,-0.055932,9.231211,3.276671,9.795660,70.457718,90.347153

22.4488087,-0.118146,9.228818,3.274279,9.793159,70.467384,90.733452

22.4513245,-0.070289,9.236296,3.283850,9.802947,70.428314,90.436020

22.4538383,-0.132503,9.209675,3.288636,9.780122,70.350998,90.824272

22.4563541,-0.127717,9.224032,3.305385,9.799217,70.286858,90.793274

22.4588699,-0.127717,9.260223,3.326921,9.840551,70.239891,90.790176

22.4614143,-0.137288,9.269794,3.291028,9.837622,70.455734,90.848503

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22.4689713,-0.122931,9.265009,3.286243,9.831323,70.472305,90.760178

22.4714890,-0.091825,9.250652,3.312564,9.826295,70.298973,90.568718

22.4740047,-0.101396,9.233903,3.300600,9.806590,70.331985,90.629128

22.4765205,-0.096610,9.231211,3.295814,9.802396,70.352928,90.599609

22.4790382,-0.106182,9.231211,3.353242,9.821953,70.037636,90.659012

22.4815483,-0.142074,9.231211,3.346063,9.819959,70.077965,90.881744

22.4840660,-0.118146,9.236296,3.362813,9.830139,69.995613,90.732857

22.4865818,-0.134895,9.226425,3.365206,9.821900,69.963257,90.837639

22.4890976,-0.154038,9.253045,3.367599,9.848009,70.003830,90.953728

22.4916153,-0.199502,9.209675,3.369992,9.808912,69.905823,91.240959

22.4941292,-0.192323,9.204889,3.372384,9.805099,69.882782,91.196938

22.4966469,-0.197109,9.209675,3.379563,9.812156,69.853233,91.226074

22.4991627,-0.202194,9.202497,3.369992,9.802228,69.891533,91.258675

22.5016785,-0.233300,9.202497,3.432504,9.824584,69.550659,91.452240

22.5041943,-0.204586,9.161819,3.437290,9.787529,69.439835,91.279221

22.5067101,-0.218943,9.214461,3.415455,9.829525,69.667412,91.361137

22.5092258,-0.209372,9.190533,3.442075,9.816192,69.472748,91.305046

22.5117416,-0.233300,9.183354,3.427718,9.804982,69.537796,91.455269

22.5142574,-0.230907,9.209675,3.437290,9.832924,69.539017,91.436234

22.5167751,-0.221336,9.209675,3.403491,9.820939,69.723282,91.376724

22.5192909,-0.269193,9.209675,3.413062,9.825455,69.673500,91.674240

22.5218029,-0.223729,9.233903,3.381956,9.836292,69.889961,91.387955

22.5243168,-0.245264,9.216854,3.377170,9.819157,69.883087,91.524307

22.5268345,-0.254836,9.212068,3.334099,9.800171,70.110435,91.584579

22.5293484,-0.238086,9.248260,3.324528,9.830538,70.233742,91.474686

22.5318661,-0.262014,9.248260,3.329314,9.832766,70.208778,91.622826

22.5343819,-0.283549,9.245867,3.322135,9.828684,70.244682,91.756577

22.5368977,-0.276371,9.260223,3.310171,9.837955,70.338081,91.709480

22.5394154,-0.266800,9.224032,3.326921,9.809299,70.174301,91.656784

22.5418873,-0.264407,9.255438,3.300600,9.829904,70.380554,91.636368

22.5444012,-0.288335,9.260223,3.302993,9.835885,70.378174,91.783440

22.5469170,-0.269193,9.291330,3.293421,9.861436,70.490097,91.659538

22.5494308,-0.240479,9.281759,3.314957,9.858895,70.352028,91.484131

22.5519466,-0.252443,9.243474,3.314957,9.823160,70.277596,91.564377

22.5544624,-0.235693,9.226425,3.293421,9.799444,70.361626,91.463326

22.5569763,-0.238086,9.226425,3.317349,9.807570,70.230087,91.478180

22.5594921,-0.245264,9.236296,3.307778,9.813803,70.302528,91.521095

22.5620365,-0.204586,9.197711,3.286243,9.769296,70.343231,91.274231

22.5645657,-0.209372,9.195318,3.334099,9.783350,70.074791,91.304367

22.5670815,-0.226122,9.212068,3.312564,9.792160,70.227432,91.406113

22.5695992,-0.204586,9.233903,3.312564,9.812232,70.269562,91.269241

22.5721130,-0.180359,9.226425,3.267100,9.789454,70.504265,91.119881

22.5746307,-0.182752,9.197711,3.264707,9.761639,70.461357,91.138275

22.5771446,-0.185145,9.195318,3.295814,9.769879,70.284836,91.153473

22.5796623,-0.170788,9.204889,3.346063,9.795677,70.026489,91.062943

22.5821724,-0.122931,9.245867,3.343671,9.832664,70.119629,90.761749

22.5846882,-0.137288,9.255438,3.322135,9.834559,70.256973,90.849823

22.5872059,-0.103789,9.238688,3.319742,9.817577,70.236244,90.643639

22.5897198,-0.091825,9.185747,3.300600,9.761165,70.236656,90.572731

22.5922375,-0.091825,9.204889,3.314957,9.784036,70.195435,90.571541

22.5947514,-0.063111,9.241081,3.346063,9.828413,70.095833,90.391289

22.5972691,-0.017647,9.233903,3.350849,9.823109,70.054939,90.109497

22.5997829,-0.077468,9.231211,3.338885,9.816792,70.115829,90.480812

22.6022835,-0.005683,9.190533,3.307778,9.767667,70.205620,90.035431

22.6047993,0.001496,9.204889,3.286243,9.773913,70.352898,89.990692

22.6073151,-0.027218,9.200104,3.319742,9.780764,70.158737,90.169510

22.6098289,-0.005683,9.173783,3.336492,9.761686,70.013748,90.035492

22.6123466,0.044566,9.204889,3.314957,9.783707,70.194748,89.722603

22.6148605,0.044566,9.257831,3.312564,9.832726,70.312386,89.724182

22.6173763,0.046959,9.248260,3.312564,9.823726,70.293602,89.709076

22.6198902,0.058923,9.231211,3.314957,9.808550,70.247002,89.634285

22.6224213,0.068794,9.245867,3.319742,9.824025,70.249756,89.573700

22.6249371,0.054138,9.245867,3.274279,9.808663,70.499504,89.664520

22.6274529,0.049352,9.231211,3.271886,9.794024,70.484032,89.693687

22.6299686,0.046959,9.241081,3.281457,9.806516,70.450562,89.708847

22.6324844,0.037388,9.183354,3.326921,9.767487,70.085854,89.766731

22.6350021,0.056530,9.219247,3.324528,9.800521,70.170670,89.648682

22.6375160,0.030209,9.245867,3.298207,9.816574,70.367645,89.812798

22.6400318,0.034995,9.241081,3.283850,9.807266,70.437286,89.783028

22.6425114,0.030209,9.236296,3.300600,9.808366,70.335693,89.812599

22.6450253,-0.005683,9.238688,3.279064,9.803349,70.458832,90.035248

22.6475410,-0.039182,9.202497,3.276671,9.768523,70.401215,90.243950

22.6500568,-0.027218,9.200104,3.276671,9.766229,70.396423,90.169510

22.6525707,-0.075075,9.214461,3.319742,9.794520,70.187775,90.466805

22.6550865,-0.084646,9.238688,3.291028,9.807721,70.393715,90.524940

22.6576004,-0.077468,9.253045,3.250350,9.807631,70.645599,90.479675

22.6601162,-0.113360,9.228818,3.262315,9.789107,70.533257,90.703743

22.6626358,-0.122931,9.178569,3.281457,9.748292,70.329002,90.767334

22.6651497,-0.120538,9.216854,3.288636,9.786728,70.364807,90.749275

22.6676674,-0.137288,9.209675,3.274279,9.775370,70.430389,90.854042

22.6701813,-0.134895,9.219247,3.291028,9.789973,70.356712,90.838287

22.6726971,-0.134895,9.221640,3.255136,9.780222,70.559464,90.838074

22.6752110,-0.130110,9.195318,3.255136,9.755343,70.507881,90.810654

22.6777267,-0.142074,9.241081,3.240779,9.793897,70.676720,90.880806

22.6802406,-0.125324,9.221640,3.288636,9.791296,70.374344,90.778618

22.6827602,-0.144467,9.212068,3.305385,9.788189,70.263725,90.898460

22.6852760,-0.137288,9.200104,3.283850,9.769566,70.358696,90.854927

22.6877899,-0.110967,9.212068,3.243172,9.766917,70.606331,90.690140

22.6903057,-0.130110,9.267402,3.269493,9.828085,70.569183,90.804352

22.6928196,-0.091825,9.257831,3.295814,9.827423,70.405014,90.568275

22.6953354,-0.051147,9.248260,3.245565,9.801357,70.662369,90.316864

22.6978168,-0.048754,9.267402,3.300600,9.837737,70.396812,90.301414

22.7003021,-0.099003,9.279366,3.264707,9.837417,70.617905,90.611275

22.7028141,-0.094217,9.296116,3.252743,9.849213,70.715797,90.580681

22.7053280,-0.079860,9.269794,3.291028,9.836988,70.454430,90.493599

22.7078400,-0.053539,9.269794,3.286243,9.835210,70.480331,90.330917

22.7103558,-0.075075,9.293723,3.291028,9.859503,70.500870,90.462830

22.7128677,-0.077468,9.288938,3.288636,9.854212,70.504738,90.477821

22.7153816,-0.048754,9.265009,3.271886,9.825885,70.549866,90.301498

22.7178936,-0.063111,9.250652,3.288636,9.818028,70.429962,90.390884

22.7204399,-0.053539,9.248260,3.286243,9.814916,70.438332,90.331688

22.7229862,-0.041575,9.236296,3.338885,9.821357,70.125458,90.257904

22.7255287,-0.034397,9.262616,3.338885,9.846086,70.177475,90.212769

22.7280502,-0.065504,9.245867,3.322135,9.824812,70.236572,90.405914

22.7305679,-0.070289,9.233903,3.317349,9.811968,70.239319,90.436134

22.7330818,-0.110967,9.226425,3.281457,9.793221,70.422943,90.689072

22.7355995,-0.051147,9.216854,3.317349,9.795807,70.205360,90.317947

22.7381134,-0.070289,9.171391,3.346063,9.762965,69.956696,90.439102

22.7406311,-0.091825,9.185747,3.283850,9.755514,70.329239,90.572731

22.7431450,-0.106182,9.195318,3.341278,9.784135,70.031738,90.661583

22.7456608,-0.099003,9.202497,3.324528,9.785103,70.138115,90.616379

22.7481785,-0.079860,9.180962,3.329314,9.766308,70.068413,90.498375

22.7506924,-0.106182,9.183354,3.324528,9.767178,70.100121,90.662445

22.7532101,-0.120538,9.161819,3.331707,9.749549,70.017731,90.753777

22.7557240,-0.113360,9.164211,3.329314,9.750895,70.035568,90.708702

22.7582397,-0.163609,9.178569,3.317349,9.761030,70.131866,91.021194

22.7607841,-0.144467,9.214461,3.298207,9.788020,70.308014,90.898224

22.7632980,-0.137288,9.202497,3.302993,9.778269,70.257767,90.854706

22.7658157,-0.118146,9.221640,3.264707,9.783195,70.506149,90.734024

22.7683315,-0.168395,9.238688,3.293421,9.809605,70.382797,91.044220

22.7708473,-0.185145,9.245867,3.291028,9.815865,70.410645,91.147171

22.7733650,-0.137288,9.288938,3.279064,9.851674,70.558556,90.846756

22.7758808,-0.182752,9.236296,3.291028,9.806806,70.391815,91.133522

22.7783985,-0.156431,9.265009,3.271886,9.827008,70.552177,90.967293

22.7809048,-0.199502,9.317652,3.305385,9.888580,70.472282,91.226578

22.7834225,-0.192323,9.248260,3.283850,9.815852,70.455093,91.191330

22.7859383,-0.192323,9.279366,3.269493,9.840387,70.594452,91.187332

22.7884541,-0.216550,9.348758,3.269493,9.906349,70.728790,91.326935

22.7909698,-0.189930,9.324830,3.307778,9.895955,70.472725,91.166855

22.7934875,-0.209372,9.312865,3.336492,9.894720,70.293671,91.287910

22.7960033,-0.233300,9.305687,3.334099,9.887692,70.293816,91.436142

22.7985191,-0.259621,9.317652,3.319742,9.894783,70.396790,91.596039

22.8010273,-0.233300,9.281759,3.314957,9.858723,70.351669,91.439842

22.8035431,-0.285942,9.281759,3.355635,9.873859,70.132240,91.764549

22.8060589,-0.300299,9.269794,3.353242,9.862226,70.122604,91.855476

22.8085747,-0.240479,9.236296,3.319742,9.817722,70.236549,91.491432

22.8110924,-0.295514,9.221640,3.295814,9.797364,70.342422,91.835457

22.8136082,-0.254836,9.209675,3.326921,9.795481,70.145157,91.584991

22.8161240,-0.221336,9.178569,3.288636,9.752448,70.292938,91.381386

22.8186398,-0.187537,9.207282,3.302993,9.783607,70.268990,91.166862

22.8211212,-0.197109,9.192925,3.319742,9.775961,70.148582,91.228310

22.8236389,-0.194716,9.219247,3.300600,9.794202,70.306084,91.209938

22.8261528,-0.156431,9.221640,3.322135,9.803044,70.190857,90.971840

22.8286686,-0.182752,9.168997,3.314957,9.751555,70.126701,91.141838

22.8311825,-0.156431,9.190533,3.305385,9.768107,70.221466,90.975128

22.8336983,-0.142074,9.176176,3.314957,9.757629,70.139595,90.887032

22.8362141,-0.108574,9.219247,3.319742,9.799336,70.197914,90.674736

22.8387280,-0.110967,9.212068,3.324528,9.794232,70.157402,90.690140

22.8412743,-0.106182,9.209675,3.283850,9.778193,70.376732,90.660553

22.8437901,-0.122931,9.238688,3.317349,9.816990,70.249847,90.762337

22.8463058,-0.072682,9.236296,3.286243,9.803766,70.415176,90.450859

22.8488235,-0.089432,9.226425,3.298207,9.798627,70.330208,90.555351

22.8513374,-0.101396,9.262616,3.310171,9.836847,70.335777,90.627182

22.8538551,-0.120538,9.224032,3.295814,9.795901,70.339371,90.748688

22.8563690,-0.118146,9.231211,3.288636,9.800221,70.392952,90.733261

22.8588867,-0.089432,9.269794,3.281457,9.833873,70.507149,90.552750

22.8613968,-0.089432,9.226425,3.286243,9.794606,70.396111,90.555351

22.8639126,-0.084646,9.233903,3.317349,9.812081,70.239555,90.525208

22.8664284,-0.082253,9.267402,3.319742,9.844399,70.292320,90.508514

22.8689442,-0.058325,9.257831,3.310171,9.831992,70.325668,90.360962

22.8714619,-0.012861,9.224032,3.267100,9.785544,70.496162,90.079887

22.8739758,-0.029611,9.245867,3.247958,9.799805,70.644356,90.183495

22.8764915,-0.067896,9.253045,3.307778,9.826741,70.329536,90.420410

22.8790073,-0.051147,9.212068,3.343671,9.800252,70.051086,90.318108

22.8815212,-0.051147,9.219247,3.288636,9.788374,70.368240,90.317863

22.8840351,-0.063111,9.238688,3.279064,9.803551,70.459251,90.391388

22.8865509,-0.091825,9.214461,3.288636,9.784163,70.359451,90.570946

22.8890686,-0.084646,9.219247,3.322135,9.799911,70.184258,90.526047

22.8915825,-0.096610,9.192925,3.298207,9.767159,70.264206,90.602112

22.8941002,-0.158824,9.212068,3.293421,9.784377,70.330139,90.987732

22.8966141,-0.134895,9.168997,3.298207,9.745094,70.217659,90.842880

22.8991299,-0.166002,9.180962,3.245565,9.739163,70.533913,91.035858

22.9016418,-0.163609,9.176176,3.274279,9.744223,70.365273,91.021461

22.9041595,-0.158824,9.245867,3.252743,9.802633,70.620514,90.984116

22.9066753,-0.194716,9.241081,3.269493,9.804340,70.520226,91.207085

22.9091892,-0.182752,9.260223,3.288636,9.828544,70.451752,91.130592

22.9117069,-0.156431,9.255438,3.293421,9.825183,70.415176,90.968292

22.9142208,-0.185145,9.231211,3.295814,9.803668,70.355583,91.148994

22.9167366,-0.209372,9.257831,3.307778,9.833242,70.343079,91.295563

22.9192543,-0.182752,9.269794,3.324528,9.849619,70.273628,91.129425

22.9217319,-0.197109,9.260223,3.302993,9.833633,70.373497,91.219383

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22.9292755,-0.221336,9.219247,3.286243,9.789939,70.386383,91.375298

22.9317894,-0.240479,9.233903,3.346063,9.824405,70.087364,91.491821

22.9343033,-0.233300,9.238688,3.329314,9.823040,70.188362,91.446556

22.9368191,-0.245264,9.216854,3.317349,9.798743,70.211540,91.524307

22.9393349,-0.214158,9.228818,3.291028,9.800399,70.378471,91.329330

22.9418793,-0.209372,9.255438,3.305385,9.830186,70.351524,91.295898

22.9444084,-0.182752,9.262616,3.293421,9.832399,70.430138,91.130302

22.9469242,-0.182752,9.233903,3.302993,9.808574,70.321289,91.133812

22.9494400,-0.180359,9.224032,3.305385,9.800045,70.288597,91.120171

22.9519558,-0.187537,9.255438,3.295814,9.826530,70.403160,91.160789

22.9544716,-0.185145,9.253045,3.281457,9.819424,70.477303,91.146278

22.9569874,-0.163609,9.228818,3.235994,9.781079,70.680099,91.015640

22.9595032,-0.151645,9.233903,3.262315,9.794419,70.544243,90.940865

22.9620171,-0.139681,9.228818,3.288636,9.798250,70.388840,90.867126

22.9645329,-0.122931,9.231211,3.298207,9.803495,70.340378,90.762955

22.9670486,-0.096610,9.255438,3.305385,9.828430,70.347870,90.598045

22.9695644,-0.075075,9.257831,3.262315,9.816097,70.588928,90.464622

22.9720802,-0.089432,9.250652,3.224029,9.796782,70.786407,90.553894

22.9745960,-0.089432,9.269794,3.235994,9.818795,70.757240,90.552750

22.9771118,-0.094217,9.308080,3.240779,9.856565,70.804413,90.579933

22.9796276,-0.070289,9.324830,3.221637,9.865918,70.940979,90.431877

22.9821415,-0.079860,9.303294,3.219244,9.844856,70.913361,90.491821

22.9846592,-0.089432,9.298509,3.235994,9.845909,70.812309,90.551048

22.9871731,-0.067896,9.317652,3.245565,9.866961,70.795998,90.417496

22.9896908,-0.108574,9.341579,3.238386,9.887569,70.881622,90.665901

22.9922047,-0.137288,9.305687,3.245565,9.856386,70.774590,90.845230

22.9947205,-0.134895,9.310472,3.269493,9.868773,70.652496,90.830078

22.9972363,-0.103789,9.322437,3.286243,9.885242,70.583099,90.637863

22.9997520,-0.094217,9.276974,3.252743,9.831147,70.678955,90.581879

23.0022678,-0.075075,9.250652,3.269493,9.811717,70.535461,90.464981

23.0047817,-0.108574,9.248260,3.255136,9.804998,70.610550,90.672623

23.0072975,-0.070289,9.281759,3.243172,9.832302,70.740410,90.433884

23.0098133,-0.060718,9.250652,3.233601,9.799715,70.733116,90.376060

23.0123291,-0.103789,9.216854,3.267100,9.779321,70.483246,90.645164

23.0148430,-0.084646,9.200104,3.240779,9.754574,70.595711,90.527138

23.0173607,-0.091825,9.202497,3.235994,9.755308,70.627029,90.571693

23.0198765,-0.096610,9.221640,3.262315,9.782160,70.518875,90.600235

23.0223560,-0.096610,9.233903,3.293421,9.804128,70.371391,90.599442

23.0248699,-0.079860,9.204889,3.264707,9.767020,70.472557,90.497078

23.0273857,-0.082253,9.216854,3.240779,9.770354,70.628304,90.511307

23.0299015,-0.103789,9.231211,3.271886,9.794451,70.484909,90.644165

23.0324135,-0.120538,9.236296,3.281457,9.802634,70.442505,90.747696

23.0349293,-0.149252,9.195318,3.324528,9.778990,70.125175,90.929909

23.0374432,-0.125324,9.212068,3.302993,9.787117,70.276360,90.779427

23.0399590,-0.151645,9.171391,3.307778,9.750835,70.170013,90.947273

23.0425034,-0.161216,9.212068,3.288636,9.782806,70.356613,91.002609

23.0450325,-0.168395,9.231211,3.283850,9.799351,70.420837,91.045067

23.0475502,-0.180359,9.202497,3.300600,9.778161,70.272438,91.122795

23.0500660,-0.192323,9.204889,3.281457,9.774198,70.383278,91.196938

23.0525799,-0.180359,9.238688,3.329314,9.821925,70.186020,91.118393

23.0550976,-0.204586,9.219247,3.276671,9.786366,70.438400,91.271255

23.0576115,-0.233300,9.212068,3.281457,9.781850,70.399254,91.450737

23.0601292,-0.271585,9.221640,3.298207,9.797478,70.327805,91.686920

23.0626049,-0.199502,9.245867,3.291028,9.816146,70.411232,91.236099

23.0651207,-0.228515,9.250652,3.305385,9.826106,70.343033,91.415062

23.0676346,-0.204586,9.243474,3.312564,9.821239,70.288406,91.267921

23.0701504,-0.228515,9.267402,3.274279,9.831472,70.546577,91.412506

23.0726643,-0.242871,9.241081,3.307778,9.818247,70.311813,91.505486

23.0751801,-0.259621,9.286545,3.314957,9.863887,70.362381,91.601387

23.0776939,-0.259621,9.248260,3.250350,9.806248,70.642761,91.608009

23.0802097,-0.276371,9.221640,3.293421,9.796001,70.354439,91.716629

23.0826874,-0.259621,9.253045,3.302993,9.828327,70.362465,91.607178

23.0852032,-0.228515,9.269794,3.288636,9.838518,70.472374,91.412140

23.0877151,-0.245264,9.269794,3.286243,9.838122,70.486343,91.515602

23.0902309,-0.259621,9.255438,3.288636,9.825766,70.445999,91.606766

23.0927429,-0.235693,9.243474,3.298207,9.817103,70.368752,91.460632

23.0952587,-0.226122,9.260223,3.298207,9.832652,70.401062,91.398804

23.0977726,-0.240479,9.279366,3.262315,9.839064,70.636047,91.484512

23.1002865,-0.269193,9.257831,3.255136,9.817118,70.635445,91.665535

23.1028328,-0.240479,9.216854,3.288636,9.788940,70.369423,91.494576

23.1053753,-0.250050,9.243474,3.279064,9.811045,70.474777,91.549561

23.1079216,-0.247657,9.248260,3.247958,9.805145,70.655319,91.533943

23.1104374,-0.250050,9.224032,3.259922,9.786337,70.542381,91.552826

23.1129532,-0.288335,9.241081,3.267100,9.805848,70.538170,91.787132

23.1154709,-0.290728,9.274581,3.295814,9.847069,70.445702,91.795448

23.1179867,-0.269193,9.238688,3.326921,9.823148,70.203423,91.668983

23.1205025,-0.319442,9.250652,3.334099,9.838335,70.190826,91.977745

23.1229782,-0.297906,9.248260,3.298207,9.823299,70.381638,91.844986

23.1254940,-0.257228,9.233903,3.326921,9.818327,70.193298,91.595673

23.1280079,-0.269193,9.284152,3.329314,9.866726,70.279724,91.660820

23.1305237,-0.273978,9.265009,3.334099,9.850466,70.216240,91.693817

23.1330395,-0.259621,9.233903,3.355635,9.828156,70.035934,91.610512

23.1355553,-0.273978,9.272188,3.348456,9.862083,70.151863,91.692505

23.1380692,-0.305085,9.265009,3.338885,9.853001,70.191963,91.885994

23.1405849,-0.293121,9.262616,3.331707,9.847957,70.225784,91.812553

23.1431313,-0.257228,9.260223,3.348456,9.850384,70.127296,91.591141

23.1456528,-0.216550,9.243474,3.386741,9.846762,69.882614,91.342049

23.1481686,-0.238086,9.262616,3.389134,9.866052,69.908844,91.472404

23.1506863,-0.223729,9.262616,3.360420,9.855888,70.064896,91.383652

23.1532001,-0.170788,9.238688,3.355635,9.830708,70.041336,91.059059

23.1557178,-0.158824,9.255438,3.377170,9.853610,69.956451,90.983101

23.1582336,-0.163609,9.248260,3.305385,9.822558,70.335640,91.013504

23.1607494,-0.163609,9.250652,3.271886,9.813592,70.524513,91.013245

23.1632595,-0.154038,9.231211,3.295814,9.803130,70.354462,90.955986

23.1657772,-0.146859,9.207282,3.291028,9.778879,70.333511,90.913811

23.1682930,-0.146859,9.236296,3.276671,9.801393,70.469612,90.910942

23.1708088,-0.142074,9.250652,3.286243,9.818052,70.444832,90.879890

23.1733246,-0.151645,9.238688,3.302993,9.812549,70.329590,90.940376

23.1758404,-0.202194,9.204889,3.250350,9.763998,70.555641,91.258347

23.1783562,-0.189930,9.200104,3.245565,9.757647,70.572273,91.182671

23.1808739,-0.214158,9.207282,3.264707,9.771296,70.481453,91.332436

23.1833839,-0.240479,9.219247,3.291028,9.791998,70.360947,91.494186

23.1859016,-0.211765,9.190533,3.298207,9.766725,70.263290,91.319954

23.1884155,-0.245264,9.248260,3.274279,9.813835,70.510201,91.519135

23.1909332,-0.247657,9.243474,3.276671,9.810184,70.487831,91.534737

23.1934471,-0.221336,9.238688,3.291028,9.809854,70.398155,91.372406

23.1959648,-0.218943,9.228818,3.286243,9.798899,70.405045,91.359024

23.1984806,-0.175573,9.157033,3.276671,9.727212,70.314552,91.098434

23.2009964,-0.194716,9.185747,3.252743,9.746600,70.504608,91.214355

23.2035103,-0.206979,9.209675,3.245565,9.767018,70.591660,91.287453

23.2060261,-0.218943,9.224032,3.269493,9.788784,70.488014,91.359726

23.2085419,-0.197109,9.197711,3.262315,9.761119,70.475174,91.227669

23.2110577,-0.177966,9.221640,3.267100,9.784899,70.494820,91.105598

23.2135735,-0.180359,9.204889,3.240779,9.760387,70.607727,91.122498

23.2160912,-0.166002,9.236296,3.235994,9.788176,70.694664,91.029655

23.2186050,-0.142074,9.250652,3.185744,9.784872,70.999374,90.879890

23.2211208,-0.125324,9.245867,3.188137,9.780899,70.976532,90.776573

23.2236004,-0.137288,9.233903,3.226422,9.782310,70.742020,90.851799

23.2261162,-0.115753,9.265009,3.200101,9.802777,70.946648,90.715790

23.2286301,-0.099003,9.267402,3.195316,9.803294,70.977280,90.612061

23.2311459,-0.096610,9.303294,3.209672,9.841881,70.966324,90.594971

23.2336597,-0.127717,9.317652,3.245565,9.867555,70.797203,90.785301

23.2361755,-0.101396,9.284152,3.267100,9.842749,70.614059,90.625725

23.2386894,-0.096610,9.298509,3.252743,9.851494,70.720444,90.595276

23.2412052,-0.137288,9.284152,3.276671,9.846365,70.562416,90.847191

23.2437515,-0.146859,9.310472,3.264707,9.867359,70.679062,90.903687

23.2462769,-0.161216,9.310472,3.298207,9.878717,70.496162,90.992012

23.2487926,-0.154038,9.257831,3.300600,9.829807,70.380348,90.953239

23.2513084,-0.151645,9.279366,3.283850,9.844456,70.514183,90.936256

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23.2563400,-0.182752,9.262616,3.271886,9.825208,70.548470,91.130302

23.2588577,-0.158824,9.260223,3.281457,9.825727,70.490334,90.982590

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23.2664013,-0.187537,9.226425,3.281457,9.794389,70.425369,91.164444

23.2689190,-0.204586,9.245867,3.279064,9.812246,70.477272,91.267593

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23.2739506,-0.170788,9.236296,3.245565,9.791426,70.641975,91.059334

23.2764664,-0.189930,9.243474,3.267100,9.805704,70.537872,91.177116

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23.2814980,-0.177966,9.238688,3.317349,9.817833,70.251617,91.103561

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23.2965908,-0.185145,9.248260,3.317349,9.826973,70.270744,91.146873

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23.3016224,-0.180359,9.209675,3.305385,9.786532,70.260246,91.121918

23.3041363,-0.173181,9.226425,3.312564,9.804590,70.253548,91.075317

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23.3242474,-0.163609,9.202497,3.298207,9.777059,70.285019,91.018539

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23.3393383,-0.202194,9.228818,3.259922,9.789742,70.549423,91.255089

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23.3469048,-0.230907,9.253045,3.312564,9.830832,70.308434,91.429504

23.3494186,-0.233300,9.209675,3.300600,9.786036,70.288971,91.451111

23.3519344,-0.233300,9.233903,3.250350,9.792047,70.613564,91.447304

23.3544521,-0.209372,9.253045,3.302993,9.827127,70.359970,91.296234

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23.3594837,-0.278764,9.284152,3.307778,9.859746,70.398079,91.719833

23.3619976,-0.247657,9.300901,3.267100,9.861138,70.651657,91.525269

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23.3695431,-0.221336,9.298509,3.250350,9.852717,70.737671,91.363579

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23.3821220,-0.204586,9.269794,3.307778,9.844407,70.366287,91.264328

23.3846340,-0.175573,9.269794,3.305385,9.843042,70.378242,91.085075

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23.3896675,-0.173181,9.202497,3.298207,9.777224,70.285362,91.078117

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23.4022446,-0.187537,9.231211,3.276671,9.797296,70.461113,91.163834

23.4047241,-0.197109,9.219247,3.276671,9.786212,70.438087,91.224808

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23.4349518,-0.185145,9.284152,3.252743,9.839212,70.695419,91.142441

23.4374676,-0.122931,9.241081,3.214458,9.784960,70.821632,90.762146

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23.4450111,-0.108574,9.248260,3.195316,9.785302,70.940956,90.672623

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23.4651394,-0.194716,9.231211,3.310171,9.808690,70.276993,91.208374

23.4676552,-0.156431,9.192925,3.291028,9.765512,70.305481,90.974876

23.4701710,-0.180359,9.209675,3.247958,9.767285,70.577332,91.121918

23.4726868,-0.175573,9.190533,3.269493,9.756347,70.420502,91.094429

23.4752007,-0.185145,9.200104,3.279064,9.768748,70.386787,91.152878

23.4777184,-0.177966,9.224032,3.276671,9.790353,70.446693,91.105316

23.4802341,-0.173181,9.204889,3.293421,9.777864,70.316498,91.077835

23.4827499,-0.204586,9.200104,3.279064,9.769136,70.387596,91.273895

23.4852638,-0.156431,9.231211,3.252743,9.788772,70.591972,90.970833

23.4877796,-0.166002,9.202497,3.255136,9.762654,70.523064,91.033432

23.4902954,-0.194716,9.238688,3.267100,9.801287,70.528748,91.207397

23.4928093,-0.226122,9.262616,3.243172,9.816586,70.708351,91.398445

23.4953270,-0.192323,9.272188,3.245565,9.825688,70.712151,91.188255

23.4978428,-0.189930,9.267402,3.209672,9.809322,70.900703,91.174080

23.5003586,-0.192323,9.260223,3.279064,9.825527,70.504723,91.189789

23.5028400,-0.211765,9.298509,3.281457,9.862812,70.566650,91.304634

23.5053196,-0.209372,9.308080,3.291028,9.874971,70.532646,91.288567

23.5078316,-0.214158,9.284152,3.262315,9.842969,70.644043,91.321411

23.5103474,-0.218943,9.274581,3.257529,9.832460,70.652084,91.352318

23.5128593,-0.199502,9.265009,3.283850,9.831779,70.488037,91.233551

23.5153751,-0.228515,9.221640,3.274279,9.788348,70.457390,91.419510

23.5178871,-0.230907,9.238688,3.240779,9.793331,70.675560,91.431725

23.5204029,-0.214158,9.207282,3.231208,9.760154,70.666801,91.332436

23.5229435,-0.216550,9.209675,3.228815,9.761673,70.684814,91.346970

23.5254860,-0.216550,9.243474,3.226422,9.792778,70.763420,91.342049

23.5280304,-0.216550,9.281759,3.257529,9.839179,70.665825,91.336510

23.5305443,-0.185145,9.274581,3.240779,9.826229,70.742813,91.143623

23.5330620,-0.197109,9.269794,3.228815,9.818004,70.799995,91.218132

23.5355759,-0.206979,9.298509,3.233601,9.846891,70.829041,91.275162

23.5380936,-0.194716,9.293723,3.228815,9.840551,70.845703,91.200249

23.5406075,-0.194716,9.260223,3.216851,9.804988,70.847527,91.204590

23.5431232,-0.187537,9.281759,3.197708,9.818939,70.993988,91.157501

23.5456409,-0.182752,9.300901,3.219244,9.843967,70.911568,91.125648

23.5481548,-0.189930,9.296116,3.226422,9.841932,70.863243,91.170456

23.5506706,-0.187537,9.265009,3.276671,9.829147,70.526993,91.159592

23.5531845,-0.194716,9.250652,3.247958,9.806209,70.657494,91.205833

23.5557022,-0.173181,9.245867,3.228815,9.794963,70.753052,91.073059

23.5582180,-0.194716,9.260223,3.219244,9.805774,70.834328,91.204590

23.5607338,-0.180359,9.236296,3.200101,9.776622,70.893700,91.118683

23.5632496,-0.144467,9.250652,3.231208,9.799804,70.748116,90.894714

23.5657654,-0.158824,9.241081,3.226422,9.789412,70.756546,90.984627

23.5682812,-0.175573,9.233903,3.238386,9.786876,70.677155,91.089287

23.5707989,-0.180359,9.197711,3.271886,9.763998,70.421570,91.123375

23.5733128,-0.168395,9.248260,3.250350,9.804256,70.638672,91.043144

23.5758305,-0.156431,9.221640,3.200101,9.762363,70.864716,90.971840

23.5783443,-0.170788,9.260223,3.214458,9.803757,70.859833,91.056595

23.5808620,-0.187537,9.262616,3.262315,9.822114,70.601295,91.159889

23.5833759,-0.197109,9.248260,3.276671,9.813548,70.494789,91.220963

23.5858917,-0.194716,9.236296,3.240779,9.790287,70.669312,91.207710

23.5884094,-0.177966,9.236296,3.279064,9.802709,70.457504,91.103844

23.5909214,-0.192323,9.216854,3.283850,9.786269,70.393593,91.195389

23.5934372,-0.202194,9.243474,3.245565,9.798796,70.657112,91.253098

23.5959530,-0.206979,9.226425,3.276671,9.793178,70.452568,91.285118

23.5984688,-0.245264,9.219247,3.264707,9.783301,70.506371,91.523911

23.6009846,-0.257228,9.236296,3.264707,9.799676,70.540260,91.595261

23.6035004,-0.238086,9.250652,3.264707,9.812725,70.567177,91.474304

23.6060162,-0.254836,9.272188,3.250350,9.828692,70.688721,91.574310

23.6085320,-0.293121,9.253045,3.259922,9.814879,70.601234,91.814423

23.6110477,-0.278764,9.216854,3.305385,9.795595,70.279266,91.732384

23.6135616,-0.259621,9.212068,3.250350,9.772122,70.572449,91.614326

23.6160793,-0.283549,9.226425,3.264707,9.791100,70.522530,91.760277

23.6185932,-0.331406,9.228818,3.269493,9.796453,70.503914,92.056602

23.6211090,-0.312263,9.262616,3.255136,9.822906,70.647308,91.930840

23.6236267,-0.283549,9.260223,3.243172,9.815819,70.706787,91.753860

23.6261406,-0.338584,9.255438,3.226422,9.807527,70.793480,92.095070

23.6286583,-0.338584,9.291330,3.252743,9.850066,70.717537,92.086983

23.6311722,-0.317049,9.250652,3.243172,9.807816,70.690422,91.962936

23.6336880,-0.343370,9.322437,3.267100,9.884315,70.698822,92.109406

23.6362038,-0.352941,9.303294,3.267100,9.866600,70.662788,92.172600

23.6387196,-0.340977,9.276974,3.262315,9.839776,70.637512,92.104973

23.6412354,-0.350549,9.281759,3.291028,9.854177,70.489906,92.162888

23.6437511,-0.350549,9.279366,3.305385,9.856729,70.406601,92.163445

23.6462669,-0.331406,9.327223,3.269493,9.889212,70.694069,92.034920

23.6487808,-0.362513,9.272188,3.271886,9.839213,70.577271,92.238937

23.6512985,-0.364905,9.288938,3.243172,9.845592,70.767433,92.249641

23.6538143,-0.309871,9.265009,3.267100,9.829057,70.585976,91.915558

23.6563282,-0.319442,9.257831,3.283850,9.828181,70.480606,91.976212

23.6588459,-0.340977,9.260223,3.276671,9.828763,70.526199,92.108772

23.6613598,-0.314656,9.260223,3.264707,9.823903,70.590179,91.946121

23.6638775,-0.326620,9.255438,3.269493,9.821375,70.555374,92.021103

23.6663933,-0.312263,9.216854,3.255136,9.779766,70.558517,91.940414

23.6689072,-0.333799,9.260223,3.247958,9.818981,70.683655,92.064423

23.6714230,-0.331406,9.272188,3.264707,9.835732,70.614456,92.046989

23.6739388,-0.343370,9.274581,3.274279,9.841578,70.567352,92.120277

23.6764545,-0.331406,9.293723,3.252743,9.852079,70.721634,92.042252

23.6789684,-0.312263,9.269794,3.255136,9.829675,70.661163,91.929344

23.6814861,-0.288335,9.269794,3.257529,9.829737,70.646507,91.781601

23.6840019,-0.264407,9.286545,3.250350,9.842489,70.716858,91.630890

23.6865158,-0.262014,9.233903,3.262315,9.796750,70.549057,91.625343

23.6890335,-0.269193,9.216854,3.310171,9.796943,70.252357,91.672935

23.6915131,-0.295514,9.236296,3.269493,9.802350,70.516113,91.832542

23.6940289,-0.276371,9.224032,3.281457,9.794238,70.425056,91.716187

23.6965427,-0.233300,9.200104,3.267100,9.765771,70.455063,91.452621

23.6990585,-0.264407,9.250652,3.267100,9.814195,70.555389,91.637215

23.7015705,-0.250050,9.236296,3.295814,9.809896,70.368568,91.550766

23.7040863,-0.228515,9.209675,3.245565,9.767498,70.592651,91.421356

23.7066002,-0.262014,9.214461,3.267100,9.780025,70.484703,91.628769

23.7091160,-0.278764,9.216854,3.281457,9.787547,70.411125,91.732384

23.7116623,-0.264407,9.236296,3.228815,9.787968,70.738754,91.639755

23.7141914,-0.235693,9.257831,3.257529,9.817050,70.620499,91.458366

23.7167072,-0.216550,9.253045,3.267100,9.815278,70.557625,91.340660

23.7192230,-0.197109,9.262616,3.238386,9.814380,70.733444,91.219070

23.7217369,-0.202194,9.250652,3.195316,9.789050,70.948532,91.252129

23.7242546,-0.185145,9.257831,3.207280,9.799406,70.895432,91.145691

23.7267704,-0.170788,9.226425,3.219244,9.773414,70.768379,91.060463

23.7292862,-0.218943,9.238688,3.235994,9.791473,70.701424,91.357574

23.7318001,-0.180359,9.238688,3.214458,9.783590,70.818840,91.118393

23.7343159,-0.202194,9.253045,3.233601,9.803872,70.741608,91.251801

23.7368317,-0.197109,9.224032,3.235994,9.777182,70.672089,91.224167

23.7393456,-0.192323,9.243474,3.216851,9.789123,70.815277,91.191948

23.7418633,-0.242871,9.250652,3.202494,9.792319,70.910698,91.503929

23.7443790,-0.250050,9.257831,3.235994,9.810281,70.739883,91.547157

23.7468948,-0.247657,9.267402,3.243172,9.821621,70.718636,91.530777

23.7494106,-0.264407,9.269794,3.238386,9.822736,70.750481,91.633835

23.7519283,-0.240479,9.262616,3.195316,9.801221,70.973106,91.487198

23.7544441,-0.230907,9.260223,3.202494,9.801073,70.928406,91.428398

23.7569618,-0.235693,9.339187,3.190530,9.871952,71.143967,91.445663

23.7594757,-0.211765,9.243474,3.166602,9.773128,71.094330,91.312393

23.7619934,-0.211765,9.228818,3.159423,9.756940,71.106331,91.314484

23.7645073,-0.194716,9.178569,3.212065,9.726325,70.716385,91.215302

23.7670250,-0.252443,9.238688,3.228815,9.789910,70.742729,91.565193

23.7695408,-0.230907,9.236296,3.233601,9.788700,70.710579,91.432098

23.7720203,-0.262014,9.272188,3.281457,9.839211,70.518158,91.618637

23.7745342,-0.300299,9.308080,3.319742,9.886922,70.380569,91.847847

23.7770500,-0.309871,9.303294,3.350849,9.893205,70.202179,91.907677

23.7795658,-0.307478,9.291330,3.324528,9.872986,70.322243,91.895393

23.7820797,-0.345763,9.272188,3.322135,9.855435,70.300529,92.135590

23.7845955,-0.357727,9.284152,3.293421,9.857489,70.481972,92.206566

23.7871094,-0.374477,9.291330,3.262315,9.854529,70.667648,92.307991

23.7896252,-0.367298,9.291330,3.269493,9.856638,70.627724,92.263794

23.7921410,-0.367298,9.315259,3.281457,9.883163,70.608269,92.257988

23.7946568,-0.345763,9.312865,3.240779,9.866694,70.824883,92.126266

23.7971706,-0.367298,9.305687,3.295814,9.878922,70.511307,92.260307

23.7996864,-0.302692,9.243474,3.207280,9.788773,70.873871,91.875572

23.8022022,-0.324227,9.276974,3.252743,9.836041,70.688950,92.001656

23.8047161,-0.352941,9.329616,3.214458,9.874160,71.001556,92.166481

23.8072319,-0.367298,9.315259,3.271886,9.879990,70.660629,92.257988

23.8097458,-0.307478,9.265009,3.221637,9.813964,70.836151,91.900780

23.8122654,-0.266800,9.260223,3.233601,9.812191,70.758575,91.650314

23.8147812,-0.295514,9.243474,3.252743,9.803544,70.622383,91.831123

23.8172951,-0.285942,9.236296,3.207280,9.781491,70.859077,91.773232

23.8198109,-0.218943,9.219247,3.151946,9.745625,71.130028,91.360435

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23.8248425,-0.216550,9.228818,3.176173,9.762482,71.013535,91.344177

23.8273563,-0.180359,9.195318,3.209672,9.741068,70.761627,91.123665

23.8298721,-0.199502,9.255438,3.173780,9.786512,71.076744,91.234825

23.8323917,-0.254836,9.243474,3.185744,9.780374,70.990295,91.579201

23.8349056,-0.214158,9.204889,3.221637,9.754732,70.715202,91.332779

23.8374214,-0.199502,9.164211,3.183352,9.703417,70.848625,91.247108

23.8399353,-0.230907,9.204889,3.195316,9.746453,70.862038,91.436981

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23.8449650,-0.230907,9.219247,3.195316,9.760015,70.889664,91.434746

23.8474808,-0.230907,9.216854,3.228815,9.768775,70.699409,91.435112

23.8499966,-0.283549,9.236296,3.274279,9.803595,70.489014,91.758400

23.8525124,-0.345763,9.317652,3.255136,9.875936,70.755333,92.125175

23.8550301,-0.331406,9.389436,3.259922,9.944769,70.864540,92.021454

23.8575439,-0.273978,9.415757,3.262315,9.968663,70.897629,91.666710

23.8600597,-0.271585,9.355937,3.262315,9.912114,70.784386,91.662720

23.8625736,-0.245264,9.291330,3.209672,9.833157,70.948784,91.512093

23.8650894,-0.221336,9.226425,3.226422,9.776794,70.730728,91.374229

23.8676052,-0.240479,9.265009,3.235994,9.816816,70.753204,91.486809

23.8701210,-0.238086,9.308080,3.214458,9.850369,70.953903,91.465218

23.8726387,-0.206979,9.248260,3.228815,9.797876,70.759003,91.282082

23.8751526,-0.151645,9.228818,3.238386,9.781678,70.666473,90.941383

23.8776684,-0.166002,9.233903,3.235994,9.785917,70.690033,91.029922

23.8801823,-0.158824,9.233903,3.209672,9.777125,70.835358,90.985390

23.8826981,-0.170788,9.243474,3.188137,9.779325,70.973351,91.058510

23.8852158,-0.216550,9.265009,3.216851,9.809965,70.857628,91.338928

23.8877296,-0.235693,9.281759,3.207280,9.823097,70.943283,91.454605

23.8902454,-0.242871,9.255438,3.243172,9.810213,70.695328,91.503151

23.8927956,-0.278764,9.253045,3.212065,9.798669,70.864319,91.725609

23.8953094,-0.266800,9.284152,3.231208,9.833990,70.817665,91.646065

23.8978271,-0.262014,9.272188,3.252743,9.829673,70.675941,91.618637

23.9003429,-0.262014,9.260223,3.252743,9.818387,70.652847,91.620728

23.9028587,-0.288335,9.288938,3.224029,9.836761,70.867538,91.777931

23.9053764,-0.336192,9.298509,3.235994,9.851241,70.823097,92.070648

23.9078903,-0.340977,9.291330,3.235994,9.844630,70.809715,92.101723

23.9104080,-0.326620,9.274581,3.231208,9.826761,70.803001,92.016937

23.9129162,-0.309871,9.284152,3.257529,9.843932,70.675529,91.911613

23.9154339,-0.309871,9.320045,3.243172,9.873065,70.823044,91.904251

23.9179478,-0.314656,9.284152,3.228815,9.834620,70.833702,91.941109

23.9204655,-0.321835,9.274581,3.238386,9.828966,70.763161,91.987404

23.9229794,-0.317049,9.269794,3.245565,9.826663,70.714142,91.958885

23.9254971,-0.305085,9.255438,3.212065,9.801713,70.870491,91.887947

23.9280128,-0.307478,9.279366,3.224029,9.828303,70.850441,91.897835

23.9305286,-0.321835,9.265009,3.188137,9.803478,71.022026,91.989456

23.9330425,-0.278764,9.276974,3.221637,9.824403,70.857307,91.721161

23.9355564,-0.262014,9.305687,3.180959,9.837833,71.135002,91.612816

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23.9405880,-0.297906,9.315259,3.228815,9.863470,70.891937,91.831718

23.9431057,-0.309871,9.322437,3.216851,9.866712,70.971970,91.903763

23.9456215,-0.278764,9.353543,3.214458,9.894403,71.041916,91.707085

23.9481373,-0.324227,9.334401,3.247958,9.888650,70.825089,91.989349

23.9506531,-0.384048,9.375079,3.183352,9.908246,71.259468,92.345795

23.9531651,-0.381655,9.269794,3.190530,9.810925,71.022202,92.357643

23.9556808,-0.329013,9.236296,3.243172,9.794670,70.663475,92.040115

23.9581985,-0.309871,9.253045,3.226422,9.804318,70.786949,91.918030

23.9607124,-0.288335,9.207282,3.240779,9.765236,70.617744,91.793686

23.9632301,-0.273978,9.135498,3.250350,9.700370,70.422905,91.717812

23.9657440,-0.262014,9.101998,3.226422,9.660478,70.489372,91.648888

23.9682617,-0.317049,9.147462,3.221637,9.703377,70.609062,91.985062

23.9707756,-0.374477,9.113962,3.235994,9.678647,70.467377,92.352859

23.9732895,-0.336192,9.078070,3.259922,9.651501,70.259346,92.120888

23.9758072,-0.305085,9.075677,3.250350,9.644987,70.305862,91.925308

23.9783211,-0.297906,9.032606,3.252743,9.605054,70.205406,91.889000

23.9808388,-0.273978,9.066106,3.252743,9.635854,70.271309,91.730957

23.9833527,-0.245264,9.099606,3.243172,9.663392,70.390106,91.543938

23.9858685,-0.262014,9.058928,3.192923,9.608724,70.591919,91.656723

23.9883842,-0.264407,9.145069,3.209672,9.695576,70.667778,91.656105

23.9909000,-0.281157,9.149855,3.224029,9.705321,70.598129,91.760033

23.9934120,-0.269193,9.164211,3.207280,9.712975,70.718735,91.682541

23.9959297,-0.271585,9.204889,3.168994,9.738905,71.010475,91.689995

23.9984455,-0.245264,9.197711,3.139982,9.722013,71.156975,91.527473

24.0009613,-0.254836,9.214461,3.168994,9.747500,71.027855,91.584167

24.0034771,-0.262014,9.250652,3.192923,9.789687,70.964638,91.622406

24.0059910,-0.257228,9.274581,3.161816,9.802096,71.181870,91.588676

24.0085087,-0.283549,9.310472,3.202494,9.849937,71.026649,91.744400

24.0110245,-0.240479,9.310472,3.212065,9.851908,70.971718,91.479553

24.0135365,-0.252443,9.279366,3.219244,9.825167,70.873627,91.558334

24.0160542,-0.283549,9.320045,3.252743,9.875422,70.768997,91.742607

24.0185680,-0.271585,9.348758,3.281457,9.911659,70.666245,91.664001

24.0210838,-0.266800,9.305687,3.286243,9.872506,70.557045,91.642258

24.0235996,-0.269193,9.305687,3.240779,9.857532,70.806366,91.656975

24.0261154,-0.259621,9.339187,3.267100,9.897563,70.725677,91.592361

24.0286312,-0.264407,9.341579,3.250350,9.894433,70.822067,91.621284

24.0311470,-0.281157,9.365508,3.279064,9.926936,70.711807,91.719528

24.0336246,-0.278764,9.365508,3.264707,9.922135,70.789925,91.704903

24.0361404,-0.269193,9.327223,3.228815,9.873945,70.912994,91.653152

24.0386562,-0.288335,9.351151,3.281457,9.914390,70.671776,91.766106

24.0411701,-0.309871,9.406186,3.276671,9.965386,70.803726,91.886826

24.0436859,-0.300299,9.425328,3.238386,9.970664,71.047058,91.824875

24.0461998,-0.352941,9.430114,3.250350,9.980802,70.994415,92.143410

24.0487137,-0.317049,9.358330,3.233601,9.906312,70.948479,91.940369

24.0512276,-0.343370,9.399008,3.209672,9.937869,71.157127,92.092232

24.0537739,-0.352941,9.406186,3.231208,9.951964,71.053787,92.148857

24.0563011,-0.372084,9.348758,3.228815,9.897624,70.960419,92.279190

24.0588150,-0.309871,9.341579,3.238386,9.891829,70.890175,91.899864

24.0613308,-0.336192,9.332008,3.252743,9.888364,70.795151,92.063225

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24.0663624,-0.352941,9.288938,3.235994,9.842793,70.806000,92.175957

24.0688801,-0.331406,9.286545,3.247958,9.843728,70.734138,92.043831

24.0713940,-0.326620,9.226425,3.238386,9.783698,70.670631,92.027451

24.0739098,-0.307478,9.236296,3.202494,9.780576,70.886894,91.906685

24.0764236,-0.364905,9.226425,3.224029,9.780309,70.752769,92.264870

24.0789413,-0.424726,9.238688,3.219244,9.792716,70.807770,92.632179

24.0814571,-0.364905,9.265009,3.168994,9.798779,71.130905,92.255447

24.0839729,-0.338584,9.231211,3.190530,9.772889,70.945496,92.100563

24.0864887,-0.350549,9.224032,3.238386,9.782269,70.667694,92.176414

24.0890026,-0.295514,9.248260,3.209672,9.793857,70.869370,91.830177

24.0915203,-0.293121,9.226425,3.202494,9.770814,70.867050,91.819656

24.0940323,-0.309871,9.221640,3.173780,9.757435,71.018196,91.924561

24.0965500,-0.273978,9.257831,3.216851,9.804623,70.846786,91.695129

24.0990658,-0.266800,9.238688,3.247958,9.796620,70.637810,91.654160

24.1015797,-0.271585,9.272188,3.245565,9.827559,70.715965,91.677734

24.1040974,-0.230907,9.269794,3.214458,9.814029,70.880646,91.426926

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24.1166000,-0.242871,9.236296,3.173780,9.769392,71.042313,91.506264

24.1191139,-0.214158,9.228818,3.176173,9.762429,71.013428,91.329330

24.1216278,-0.228515,9.195318,3.214458,9.743656,70.737129,91.423576

24.1241417,-0.187537,9.219247,3.233601,9.771687,70.675659,91.165344

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24.1291695,-0.245264,9.233903,3.228815,9.785212,70.733116,91.521492

24.1316833,-0.206979,9.212068,3.245565,9.769275,70.596321,91.287117

24.1342278,-0.214158,9.260223,3.235994,9.811689,70.742752,91.324821

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24.1393147,-0.240479,9.228818,3.247958,9.786631,70.617256,91.492638

24.1418324,-0.252443,9.236296,3.288636,9.807549,70.408195,91.565598

24.1443462,-0.269193,9.216854,3.269493,9.783274,70.476578,91.672935

24.1468639,-0.262014,9.245867,3.281457,9.814411,70.466927,91.623245

24.1493778,-0.211765,9.046964,3.257529,9.617894,70.202637,91.340897

24.1518955,-0.199502,9.042177,3.346063,9.643491,69.697510,91.263939

24.1544075,-0.262014,9.214461,3.257529,9.776832,70.537575,91.628769

24.1569233,-0.446261,9.317652,3.125625,9.838055,71.475655,92.742043

24.1594410,-0.570987,9.387043,3.029912,9.880434,72.142075,93.480850

24.1619549,-0.518345,9.444471,3.080161,9.947568,71.962486,93.141441

24.1644726,-0.419940,9.530911,3.161816,10.050458,71.663681,92.522873

24.1669865,-0.338584,9.550055,3.283850,10.104547,71.035194,92.030495

24.1695042,-0.285942,9.442079,3.293421,10.004061,70.779259,91.734604

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24.1745319,-0.369691,9.363115,3.255136,9.919703,70.843567,92.261078

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