#

# h,k,l, Fc-squared, Fo-squared, sigma(Fo-squared) and status flag

#

data\_b6

\_shelx\_title ' p21c in P2(1)/c'

\_shelx\_refln\_list\_code 4

\_shelx\_F\_calc\_maximum 187.72

\_exptl\_crystal\_F\_000 697.75

\_reflns\_d\_resolution\_high 0.7074

loop\_

\_symmetry\_equiv\_pos\_as\_xyz

'x, y, z'

'-x, y+1/2, -z+1/2'

'-x, -y, -z'

'x, -y-1/2, z-1/2'

\_cell\_length\_a 8.7900

\_cell\_length\_b 11.5380

\_cell\_length\_c 6.1650

\_cell\_angle\_alpha 90.000

\_cell\_angle\_beta 99.200

\_cell\_angle\_gamma 90.000

\_shelx\_F\_squared\_multiplier 1.000

loop\_

\_refln\_index\_h

\_refln\_index\_k

\_refln\_index\_l

\_refln\_F\_squared\_calc

\_refln\_F\_squared\_meas

\_refln\_F\_squared\_sigma

\_refln\_observed\_status

2 0 0 72.09 64.72 18.71 o

3 0 0 16726.20 17381.21 97.81 o

4 0 0 854.33 1100.73 31.21 o

5 0 0 7685.38 7939.24 136.80 o

6 0 0 3668.20 3474.36 63.96 o

7 0 0 1612.76 1856.35 116.21 o

8 0 0 76.95 66.94 29.11 o

9 0 0 4573.32 4513.78 94.66 o

10 0 0 46.65 23.53 32.24 o

11 0 0 616.21 691.94 72.08 o

12 0 0 1121.24 1033.50 151.51 o

1 1 0 154.16 227.23 14.46 o

2 1 0 109.43 212.65 20.81 o

3 1 0 2204.42 2282.74 37.95 o

4 1 0 5867.61 5832.14 83.84 o

5 1 0 8539.80 8889.90 111.07 o

6 1 0 353.96 375.77 30.68 o

7 1 0 898.82 893.20 42.61 o

8 1 0 10196.51 10328.96 128.98 o

9 1 0 1128.20 1196.32 68.42 o

10 1 0 83.88 114.99 44.14 o

11 1 0 0.28 -25.00 34.74 o

12 1 0 1073.57 1042.80 147.10 o

0 2 0 328.84 226.53 25.00 o

1 2 0 13.87 21.57 18.17 o

2 2 0 215.84 225.19 21.30 o

3 2 0 459.60 498.78 24.97 o

4 2 0 1481.89 1491.99 36.92 o

5 2 0 2668.44 2799.73 53.56 o

6 2 0 873.90 891.62 81.63 o

7 2 0 6053.79 6318.12 94.66 o

8 2 0 358.16 374.78 36.41 o

9 2 0 633.83 599.86 44.69 o

10 2 0 648.41 670.90 49.39 o

11 2 0 87.63 104.11 37.87 o

12 2 0 0.25 -1.11 38.99 o

1 3 0 30518.82 32124.09 1935.81 o

2 3 0 24752.19 25275.17 1754.14 o

3 3 0 5195.45 5077.99 223.59 o

4 3 0 4308.92 4339.09 59.80 o

5 3 0 1279.53 1016.21 38.44 o

6 3 0 751.73 670.78 37.45 o

7 3 0 1.12 -4.47 26.51 o

8 3 0 5770.84 5532.68 98.80 o

9 3 0 4.43 -2.64 30.11 o

10 3 0 580.98 634.61 63.24 o

11 3 0 662.44 609.68 52.52 o

12 3 0 75.67 49.49 38.92 o

0 4 0 29772.11 33470.54 177.97 o

1 4 0 4593.54 4949.74 264.03 o

2 4 0 639.32 618.24 45.60 o

3 4 0 6510.92 6662.28 411.13 o

4 4 0 59.85 80.56 21.84 o

5 4 0 3854.17 4087.98 281.69 o

6 4 0 3645.03 3654.73 71.24 o

7 4 0 0.78 12.46 28.58 o

8 4 0 634.11 629.47 73.56 o

9 4 0 1643.70 1656.90 65.00 o

10 4 0 284.36 262.01 41.08 o

11 4 0 5.76 -16.33 34.28 o

1 5 0 383.20 447.67 65.47 o

2 5 0 5039.46 5635.34 330.96 o

3 5 0 564.14 554.10 43.40 o

4 5 0 211.50 239.14 26.48 o

5 5 0 542.76 525.15 34.28 o

6 5 0 1425.85 1140.32 48.85 o

7 5 0 2171.53 2082.16 101.50 o

8 5 0 4.85 -2.13 28.02 o

9 5 0 259.29 220.89 35.32 o

10 5 0 438.83 344.61 46.81 o

11 5 0 438.48 334.52 50.93 o

0 6 0 5944.33 6451.69 100.02 o

1 6 0 261.66 367.21 34.57 o

2 6 0 6137.54 6417.61 408.20 o

3 6 0 557.18 532.59 30.11 o

4 6 0 1361.68 1462.14 132.39 o

5 6 0 147.02 166.84 30.11 o

6 6 0 2402.93 2456.12 181.67 o

7 6 0 4531.73 4619.99 188.27 o

8 6 0 150.25 143.11 33.79 o

9 6 0 2304.10 2223.21 141.21 o

10 6 0 1345.09 1309.24 67.51 o

11 6 0 246.77 246.03 44.19 o

1 7 0 8994.06 10134.83 205.93 o

2 7 0 6785.38 7734.84 373.63 o

3 7 0 2558.53 2758.85 137.55 o

4 7 0 906.80 1006.45 97.09 o

5 7 0 76.45 15.77 28.48 o

6 7 0 483.87 463.65 38.99 o

7 7 0 120.12 108.76 29.52 o

8 7 0 422.38 427.19 42.65 o

9 7 0 1385.72 1324.70 65.00 o

10 7 0 1025.79 1159.81 107.38 o

11 7 0 42.61 30.65 38.99 o

0 8 0 2514.19 3205.26 88.27 o

1 8 0 8834.59 9323.54 422.18 o

2 8 0 2050.50 2200.12 55.88 o

3 8 0 773.13 877.59 88.25 o

4 8 0 901.16 974.21 62.52 o

5 8 0 75.37 66.82 29.63 o

6 8 0 1152.88 1163.35 99.30 o

7 8 0 111.61 83.03 31.62 o

8 8 0 1698.58 1694.76 67.51 o

9 8 0 206.82 223.61 39.95 o

10 8 0 70.02 87.28 40.04 o

1 9 0 1005.69 914.02 43.65 o

2 9 0 217.49 321.11 34.31 o

3 9 0 551.53 616.08 89.00 o

4 9 0 89.21 110.61 34.57 o

5 9 0 2494.27 2651.21 142.67 o

6 9 0 3878.37 3827.20 155.19 o

7 9 0 1393.89 1498.23 131.66 o

8 9 0 1007.18 979.81 98.56 o

9 9 0 2226.97 2412.09 133.12 o

10 9 0 143.67 158.75 41.44 o

0 10 0 3040.09 3417.08 104.45 o

1 10 0 1767.44 1844.49 113.27 o

2 10 0 112.39 111.07 31.21 o

3 10 0 3667.37 3768.71 179.47 o

4 10 0 314.77 412.07 52.22 o

5 10 0 1014.86 1006.80 57.37 o

6 10 0 52.60 35.51 32.75 o

7 10 0 191.90 208.21 38.48 o

8 10 0 468.89 537.80 49.39 o

9 10 0 1276.46 1382.17 183.88 o

1 11 0 367.67 357.64 36.92 o

2 11 0 4169.50 4115.45 86.33 o

3 11 0 812.69 821.66 119.89 o

4 11 0 169.12 196.92 58.83 o

5 11 0 1134.74 1108.73 147.10 o

6 11 0 370.25 277.94 39.49 o

7 11 0 488.87 512.89 49.34 o

8 11 0 34.07 60.17 37.95 o

9 11 0 41.82 27.57 38.99 o

0 12 0 165.92 113.27 48.53 o

1 12 0 2777.33 2627.20 74.89 o

2 12 0 1875.59 1822.80 259.62 o

3 12 0 5.67 12.52 30.17 o

4 12 0 190.91 225.17 52.22 o

5 12 0 137.75 110.53 37.51 o

6 12 0 34.81 34.98 35.88 o

7 12 0 1849.03 1719.19 128.71 o

8 12 0 273.82 225.24 44.19 o

1 13 0 588.25 549.84 47.85 o

2 13 0 106.95 96.03 34.83 o

3 13 0 289.28 276.22 41.08 o

4 13 0 11.56 10.51 34.28 o

5 13 0 22.14 8.60 34.28 o

6 13 0 62.72 109.67 52.22 o

7 13 0 2544.96 2450.36 230.21 o

0 14 0 16.37 16.18 45.60 o

1 14 0 519.18 466.71 47.32 o

2 14 0 417.88 438.57 45.24 o

3 14 0 0.75 -8.37 34.83 o

4 14 0 16.46 -11.93 35.18 o

5 14 0 479.67 445.81 109.57 o

6 14 0 377.04 395.30 108.84 o

1 15 0 942.51 886.67 58.71 o

2 15 0 2552.13 2493.69 270.65 o

3 15 0 57.36 71.79 40.04 o

4 15 0 285.62 274.55 45.73 o

0 16 0 1646.02 1404.77 102.98 o

1 16 0 987.43 931.61 62.42 o

2 16 0 175.53 120.81 44.19 o

-12 1 1 469.40 532.48 75.02 o

-11 1 1 171.32 239.78 54.42 o

-10 1 1 521.31 513.38 61.78 o

-9 1 1 297.18 329.48 52.96 o

-8 1 1 529.60 513.38 55.88 o

-7 1 1 1561.22 1801.95 76.49 o

-6 1 1 6175.16 6104.53 117.69 o

-5 1 1 3988.72 3939.28 85.31 o

-4 1 1 51.62 57.38 27.96 o

-3 1 1 32659.17 32507.06 179.47 o

-2 1 1 2347.21 2497.73 50.03 o

-1 1 1 390.38 305.95 27.96 o

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4 1 1 16.57 38.24 26.46 o

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6 1 1 6248.35 6363.45 125.02 o

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9 1 1 212.11 252.99 51.49 o

10 1 1 393.45 308.91 58.85 o

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-12 2 1 25.99 16.18 55.88 o

-11 2 1 3660.82 3511.21 139.73 o

-10 2 1 394.74 397.15 60.31 o

-9 2 1 28.58 66.20 45.60 o

-8 2 1 619.27 670.78 58.85 o

-7 2 1 451.69 464.82 54.42 o

-6 2 1 28.85 36.78 33.82 o

-5 2 1 954.42 854.64 50.03 o

-4 2 1 142.03 172.11 32.35 o

-3 2 1 4166.67 4551.21 73.56 o

-2 2 1 35.50 52.96 27.96 o

-1 2 1 365.61 648.71 35.32 o

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1 2 1 0.87 -14.71 27.96 o

2 2 1 35240.43 34005.99 180.93 o

3 2 1 425.61 336.84 32.35 o

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5 2 1 9309.26 8925.88 135.33 o

6 2 1 82.49 32.35 35.32 o

7 2 1 817.77 694.31 55.88 o

8 2 1 271.53 251.53 47.06 o

9 2 1 1405.86 1232.69 82.38 o

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11 2 1 3662.30 3620.08 144.15 o

-12 3 1 40.43 -1.46 51.49 o

-11 3 1 6.34 44.14 45.60 o

-10 3 1 1051.12 1188.55 85.31 o

-9 3 1 305.14 307.45 52.96 o

-8 3 1 377.76 406.00 54.42 o

-7 3 1 757.55 844.33 61.78 o

-6 3 1 7459.30 7797.64 136.80 o

-5 3 1 9.23 64.74 30.89 o

-4 3 1 2901.40 2924.30 70.60 o

-3 3 1 3880.92 4174.63 75.02 o

-2 3 1 77.31 130.91 29.42 o

-1 3 1 502.14 639.86 35.32 o

0 3 1 708.93 944.38 39.71 o

1 3 1 19425.53 20064.08 138.26 o

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3 3 1 35.09 44.14 27.96 o

4 3 1 7374.81 7347.50 113.27 o

5 3 1 3833.48 3923.10 94.13 o

6 3 1 257.82 236.82 42.67 o

7 3 1 3.64 -4.43 36.78 o

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-12 4 1 54.49 -4.43 58.85 o

-11 4 1 10.14 -2.93 50.03 o

-10 4 1 13.07 38.24 45.60 o

-9 4 1 1033.16 1006.15 77.95 o

-8 4 1 1713.27 1863.73 85.31 o

-7 4 1 2582.96 2508.01 94.13 o

-6 4 1 1647.66 1810.77 73.56 o

-5 4 1 16932.12 18206.24 192.68 o

-4 4 1 11671.41 13056.38 148.58 o

-3 4 1 830.23 942.88 44.14 o

-2 4 1 3035.16 3370.01 67.67 o

-1 4 1 1401.19 1681.33 51.49 o

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4 4 1 11880.98 11239.72 145.62 o

5 4 1 2640.48 2438.88 80.91 o

6 4 1 1937.68 1884.33 80.91 o

7 4 1 2641.31 2672.77 97.09 o

8 4 1 743.35 672.25 63.24 o

9 4 1 1329.17 1395.95 89.73 o

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11 4 1 297.37 216.25 67.67 o

-11 5 1 1244.20 1222.37 94.13 o

-10 5 1 98.08 142.69 55.88 o

-9 5 1 2498.54 2478.59 108.84 o

-8 5 1 197.98 185.33 50.03 o

-7 5 1 30.62 95.63 41.17 o

-6 5 1 4.78 -14.71 38.24 o

-5 5 1 5365.79 5713.27 116.20 o

-4 5 1 1750.77 2180.00 69.13 o

-3 5 1 5837.88 6117.78 101.48 o

-2 5 1 11506.28 12485.62 135.33 o

-1 5 1 464.06 545.73 38.24 o

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3 5 1 12219.44 11813.41 145.62 o

4 5 1 1207.69 1187.09 57.38 o

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7 5 1 3.32 -10.28 38.24 o

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9 5 1 124.25 188.29 50.03 o

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-11 6 1 77.69 95.63 57.38 o

-10 6 1 4.32 32.35 42.67 o

-9 6 1 989.45 923.78 79.42 o

-8 6 1 5.75 23.53 38.24 o

-7 6 1 599.56 681.07 61.78 o

-6 6 1 735.66 792.87 58.85 o

-5 6 1 7.29 -14.71 36.78 o

-4 6 1 3149.70 3477.39 92.66 o

-3 6 1 28.24 39.71 30.89 o

-2 6 1 397.04 451.60 39.71 o

-1 6 1 2389.63 2825.75 72.09 o

0 6 1 13585.88 15559.97 157.40 o

1 6 1 700.56 709.03 44.14 o

2 6 1 695.03 703.13 47.06 o

3 6 1 19812.96 19172.69 195.65 o

4 6 1 3144.05 2824.28 86.77 o

5 6 1 805.20 689.89 58.85 o

6 6 1 1469.75 1368.02 73.56 o

7 6 1 1580.35 1765.17 86.77 o

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9 6 1 529.73 480.99 60.31 o

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11 6 1 179.41 238.28 61.78 o

-11 7 1 332.47 382.44 63.24 o

-10 7 1 400.40 432.46 66.20 o

-9 7 1 924.24 916.42 79.42 o

-8 7 1 5.63 -5.89 41.17 o

-7 7 1 2562.15 2916.95 105.91 o

-6 7 1 1700.17 1907.86 85.31 o

-5 7 1 1856.02 2103.51 83.84 o

-4 7 1 13526.28 14237.58 185.33 o

-3 7 1 1768.63 2119.69 75.02 o

-2 7 1 1167.88 1307.71 60.31 o

-1 7 1 2886.92 3143.48 82.38 o

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1 7 1 177.55 192.68 36.78 o

2 7 1 2867.13 3015.50 85.31 o

3 7 1 298.95 186.83 42.67 o

4 7 1 390.62 310.38 47.06 o

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6 7 1 3702.60 3668.61 113.27 o

7 7 1 9.88 16.18 39.71 o

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9 7 1 1.88 -29.42 42.67 o

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-10 8 1 9.99 -16.18 51.49 o

-9 8 1 6.24 -4.43 47.06 o

-8 8 1 19.02 39.71 45.60 o

-7 8 1 189.48 219.18 51.49 o

-6 8 1 714.47 663.43 61.78 o

-5 8 1 484.92 422.18 51.49 o

-4 8 1 211.82 208.89 47.06 o

-3 8 1 88.29 73.56 39.71 o

-2 8 1 4093.05 4434.98 105.91 o

-1 8 1 38.26 35.32 38.24 o

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3 8 1 275.30 242.71 42.67 o

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5 8 1 1376.57 1309.18 73.56 o

6 8 1 11.81 -14.71 39.71 o

7 8 1 69.56 122.09 45.60 o

8 8 1 44.75 85.31 45.60 o

9 8 1 12.29 91.20 52.96 o

10 8 1 216.98 163.29 58.85 o

-10 9 1 48.13 83.84 57.38 o

-9 9 1 686.24 606.04 73.56 o

-8 9 1 64.45 30.89 48.53 o

-7 9 1 603.50 629.57 67.67 o

-6 9 1 10.48 52.96 42.67 o

-5 9 1 614.62 700.17 61.78 o

-4 9 1 376.48 444.25 51.49 o

-3 9 1 742.07 813.44 60.31 o

-2 9 1 502.37 573.69 54.42 o

-1 9 1 2542.65 2796.32 91.20 o

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1 9 1 143.14 130.91 41.17 o

2 9 1 18.03 14.71 38.24 o

3 9 1 163.68 98.56 42.67 o

4 9 1 342.16 300.09 48.53 o

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6 9 1 106.95 151.51 48.53 o

7 9 1 7.27 -5.89 41.17 o

8 9 1 480.08 538.38 67.67 o

9 9 1 141.39 136.80 58.85 o

-9 10 1 753.85 873.75 86.77 o

-8 10 1 41.58 47.06 51.49 o

-7 10 1 8.45 33.82 44.14 o

-6 10 1 45.17 54.42 44.14 o

-5 10 1 2144.39 2307.98 98.56 o

-4 10 1 412.92 436.89 55.88 o

-3 10 1 1592.89 1610.73 79.42 o

-2 10 1 1681.44 1666.62 82.38 o

-1 10 1 12.52 42.67 39.71 o

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2 10 1 28.80 47.06 39.71 o

3 10 1 8316.75 7812.35 161.80 o

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6 10 1 318.94 311.84 55.88 o

7 10 1 1.08 -30.89 45.60 o

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-9 11 1 483.53 506.02 77.95 o

-8 11 1 755.53 661.93 79.42 o

-7 11 1 1830.54 1822.52 104.45 o

-6 11 1 1223.20 1403.30 91.20 o

-5 11 1 2891.42 3074.35 116.20 o

-4 11 1 4792.51 4930.72 141.23 o

-3 11 1 566.78 664.89 63.24 o

-2 11 1 3049.96 3384.73 113.27 o

-1 11 1 620.41 564.87 58.85 o

0 11 1 2455.22 2455.06 98.56 o

1 11 1 32.28 91.20 42.67 o

2 11 1 1833.17 1785.78 86.77 o

3 11 1 240.69 198.57 44.14 o

4 11 1 15.80 25.00 44.14 o

5 11 1 2398.96 2318.26 107.38 o

6 11 1 1500.25 1366.52 92.66 o

7 11 1 41.03 127.98 51.49 o

8 11 1 103.98 175.04 57.38 o

-8 12 1 1783.16 1749.00 110.34 o

-7 12 1 3.12 26.46 52.96 o

-6 12 1 162.60 188.29 52.96 o

-5 12 1 1073.74 1062.04 82.38 o

-4 12 1 290.33 401.58 60.31 o

-3 12 1 96.52 164.76 50.03 o

-2 12 1 47.87 23.53 44.14 o

-1 12 1 1949.72 2122.61 95.63 o

0 12 1 54.94 4.43 45.60 o

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5 12 1 36.20 35.32 47.06 o

6 12 1 1291.47 1160.59 89.73 o

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-7 13 1 12.07 17.64 52.96 o

-6 13 1 60.07 75.02 54.42 o

-5 13 1 55.44 119.16 51.49 o

-4 13 1 1021.21 1063.50 83.84 o

-3 13 1 614.26 676.64 67.67 o

-2 13 1 513.08 506.02 63.24 o

-1 13 1 824.09 867.89 72.09 o

0 13 1 1154.94 1091.46 80.91 o

1 13 1 1525.64 1434.19 86.77 o

2 13 1 128.96 101.48 50.03 o

3 13 1 225.81 191.22 55.88 o

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5 13 1 7.57 -32.35 48.53 o

6 13 1 71.19 17.64 52.96 o

7 13 1 1322.86 975.27 97.09 o

-6 14 1 431.61 394.22 72.09 o

-5 14 1 1858.11 2050.55 113.27 o

-4 14 1 1317.45 1447.44 97.09 o

-3 14 1 135.68 186.83 54.42 o

-2 14 1 2193.67 2041.70 108.84 o

-1 14 1 2244.73 2177.03 108.84 o

0 14 1 29.12 52.96 50.03 o

1 14 1 632.90 531.02 69.13 o

2 14 1 1137.70 970.84 85.31 o

3 14 1 2.91 2.93 48.53 o

4 14 1 2884.24 2986.08 129.44 o

5 14 1 6.60 22.07 55.88 o

-4 15 1 664.27 763.44 77.95 o

-3 15 1 775.89 897.28 85.31 o

-2 15 1 57.87 20.60 55.88 o

-1 15 1 4.17 -45.60 48.53 o

0 15 1 88.58 32.35 54.42 o

1 15 1 279.29 205.93 58.85 o

2 15 1 143.82 129.44 55.88 o

3 15 1 77.60 -8.82 55.88 o

4 15 1 565.99 442.75 72.09 o

-2 16 1 64.72 82.38 54.42 o

-1 16 1 6.47 -5.89 55.88 o

0 16 1 768.25 672.25 80.91 o

1 16 1 345.79 270.67 67.67 o

-12 0 2 128.24 223.61 60.31 o

-11 0 2 1.63 -13.25 48.53 o

-10 0 2 2422.37 2506.55 111.80 o

-9 0 2 5301.01 5411.71 145.62 o

-8 0 2 6524.42 6144.27 142.69 o

-7 0 2 1.45 -1.46 36.78 o

-6 0 2 6448.06 6903.29 126.51 o

-5 0 2 1.72 2.93 27.96 o

-4 0 2 6496.35 6435.51 100.02 o

-3 0 2 3422.81 3572.98 70.60 o

-2 0 2 13413.96 12906.33 116.20 o

-1 0 2 32831.33 30455.04 164.76 o

0 0 2 12537.73 10704.27 100.02 o

1 0 2 3786.98 3595.05 66.20 o

2 0 2 627.18 757.55 39.71 o

3 0 2 9369.31 9075.93 119.16 o

4 0 2 8955.69 8327.20 125.02 o

5 0 2 8.06 33.82 33.82 o

6 0 2 2170.56 2177.03 82.38 o

7 0 2 151.63 152.98 39.71 o

8 0 2 2374.17 2244.70 97.09 o

9 0 2 3.59 57.38 41.17 o

10 0 2 770.38 850.22 76.49 o

11 0 2 222.14 235.35 63.24 o

-12 1 2 7.81 29.42 55.88 o

-11 1 2 146.27 226.53 57.38 o

-10 1 2 972.88 875.21 77.95 o

-9 1 2 1397.65 1340.06 82.38 o

-8 1 2 400.24 388.33 51.49 o

-7 1 2 7.50 57.38 39.71 o

-6 1 2 3887.19 3955.45 100.02 o

-5 1 2 1089.91 1167.95 54.42 o

-4 1 2 9197.99 9224.48 120.62 o

-3 1 2 1652.97 1865.19 52.96 o

-2 1 2 2465.96 2435.92 55.88 o

-1 1 2 12712.24 12194.38 108.84 o

0 1 2 5125.68 3930.46 66.20 o

1 1 2 4631.68 4373.21 72.09 o

2 1 2 1995.21 1843.12 54.42 o

3 1 2 2403.43 2471.23 66.20 o

4 1 2 3022.91 3309.70 82.38 o

5 1 2 1504.61 1512.18 64.74 o

6 1 2 4859.47 4635.06 116.20 o

7 1 2 480.98 461.89 52.96 o

8 1 2 3100.51 3065.49 111.80 o

9 1 2 75.75 60.31 44.14 o

10 1 2 465.71 520.73 67.67 o

11 1 2 537.87 583.98 75.02 o

-12 2 2 145.42 130.91 58.85 o

-11 2 2 368.79 285.38 64.74 o

-10 2 2 21.10 47.06 47.06 o

-9 2 2 446.89 458.96 60.31 o

-8 2 2 1223.65 1293.00 75.02 o

-7 2 2 18.61 1.46 38.24 o

-6 2 2 1417.15 1422.44 67.67 o

-5 2 2 3582.79 3650.97 88.27 o

-4 2 2 630.60 735.49 42.67 o

-3 2 2 2280.45 2337.36 60.31 o

-2 2 2 1342.75 1404.77 47.06 o

-1 2 2 2613.66 2319.72 55.88 o

0 2 2 3392.54 3150.84 63.24 o

1 2 2 808.64 686.96 38.24 o

2 2 2 3871.46 3886.32 76.49 o

3 2 2 478.04 413.36 38.24 o

4 2 2 60.45 101.48 32.35 o

5 2 2 1221.06 1287.11 63.24 o

6 2 2 3823.85 3775.98 107.38 o

7 2 2 17.01 94.13 38.24 o

8 2 2 138.12 113.27 42.67 o

9 2 2 1418.27 1526.86 91.20 o

10 2 2 151.23 170.65 50.03 o

11 2 2 225.62 254.49 61.78 o

-12 3 2 797.40 766.37 83.84 o

-11 3 2 1024.79 1303.28 89.73 o

-10 3 2 45.33 100.02 51.49 o

-9 3 2 3613.10 3380.30 119.16 o

-8 3 2 1975.23 1960.82 89.73 o

-7 3 2 72.78 85.31 44.14 o

-6 3 2 553.95 503.06 52.96 o

-5 3 2 92.90 123.55 35.32 o

-4 3 2 135.80 52.96 29.42 o

-3 3 2 14463.06 14756.81 145.62 o

-2 3 2 286.86 291.24 33.82 o

-1 3 2 375.22 311.84 33.82 o

0 3 2 9006.56 9186.23 105.91 o

1 3 2 4877.92 4502.65 79.42 o

2 3 2 410.11 419.22 36.78 o

3 3 2 3884.98 3662.72 83.84 o

4 3 2 1624.93 1443.01 63.24 o

5 3 2 537.85 533.95 50.03 o

6 3 2 1903.91 1818.13 79.42 o

7 3 2 124.18 79.42 41.17 o

8 3 2 947.81 925.24 69.13 o

9 3 2 700.49 726.67 69.13 o

10 3 2 160.31 72.09 55.88 o

11 3 2 2.81 -51.49 51.49 o

-11 4 2 239.19 291.24 61.78 o

-10 4 2 0.05 -36.78 45.60 o

-9 4 2 1449.43 1282.68 85.31 o

-8 4 2 3354.85 3390.58 111.80 o

-7 4 2 362.13 335.37 50.03 o

-6 4 2 3654.28 3627.44 101.48 o

-5 4 2 921.12 826.69 55.88 o

-4 4 2 47.31 50.03 30.89 o

-3 4 2 1380.41 1438.62 54.42 o

-2 4 2 46.61 48.53 29.42 o

-1 4 2 2.14 7.36 27.96 o

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1 4 2 1232.43 1106.17 48.53 o

2 4 2 239.93 214.75 33.82 o

3 4 2 528.06 528.09 44.14 o

4 4 2 34.16 -33.82 33.82 o

5 4 2 3572.96 3234.68 98.56 o

6 4 2 965.92 910.53 61.78 o

7 4 2 267.20 267.71 45.60 o

8 4 2 1217.58 1254.76 79.42 o

9 4 2 234.74 291.24 54.42 o

10 4 2 16.46 -26.46 51.49 o

11 4 2 440.10 420.72 70.60 o

-11 5 2 40.83 123.55 52.96 o

-10 5 2 207.26 228.00 57.38 o

-9 5 2 101.68 23.53 48.53 o

-8 5 2 778.76 769.34 67.67 o

-7 5 2 403.94 311.84 51.49 o

-6 5 2 389.58 354.51 51.49 o

-5 5 2 30.61 79.42 38.24 o

-4 5 2 99.42 97.09 35.32 o

-3 5 2 278.83 370.69 38.24 o

-2 5 2 16042.45 17130.96 169.15 o

-1 5 2 5490.95 5948.62 98.56 o

0 5 2 296.74 339.80 35.32 o

1 5 2 9420.50 9583.38 126.51 o

2 5 2 3416.32 3564.16 86.77 o

3 5 2 5329.79 5101.34 105.91 o

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5 5 2 1934.87 1857.84 79.42 o

6 5 2 1464.13 1310.64 72.09 o

7 5 2 1137.39 1090.00 70.60 o

8 5 2 91.48 63.24 48.53 o

9 5 2 0.31 -16.18 42.67 o

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-11 6 2 740.16 691.35 79.42 o

-10 6 2 1348.29 1360.67 98.56 o

-9 6 2 55.45 61.78 42.67 o

-8 6 2 2056.10 2144.68 98.56 o

-7 6 2 588.90 514.84 57.38 o

-6 6 2 812.37 838.47 64.74 o

-5 6 2 1831.47 2003.46 79.42 o

-4 6 2 1629.27 1693.08 70.60 o

-3 6 2 789.05 836.97 52.96 o

-2 6 2 419.93 519.27 42.67 o

-1 6 2 1326.65 1234.15 55.88 o

0 6 2 1792.84 1859.30 64.74 o

1 6 2 1579.62 1631.30 63.24 o

2 6 2 18.39 69.13 35.32 o

3 6 2 1145.59 1100.28 61.78 o

4 6 2 36.99 -7.36 36.78 o

5 6 2 1651.29 1601.88 77.95 o

6 6 2 5307.62 5029.28 135.33 o

7 6 2 9.74 36.78 39.71 o

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9 6 2 2214.13 1994.64 108.84 o

10 6 2 62.64 38.24 48.53 o

-11 7 2 463.96 478.06 76.49 o

-10 7 2 683.14 701.67 75.02 o

-9 7 2 324.07 391.29 60.31 o

-8 7 2 336.62 372.15 55.88 o

-7 7 2 779.16 857.57 69.13 o

-6 7 2 20.99 52.96 39.71 o

-5 7 2 2527.60 2450.63 91.20 o

-4 7 2 1887.88 2134.40 82.38 o

-3 7 2 8643.65 8886.14 147.08 o

-2 7 2 138.73 173.58 38.24 o

-1 7 2 1057.71 1141.49 57.38 o

0 7 2 11196.09 12276.76 163.29 o

1 7 2 284.12 251.53 42.67 o

2 7 2 90.76 108.84 39.71 o

3 7 2 36.30 79.42 39.71 o

4 7 2 2206.71 2049.06 85.31 o

5 7 2 65.61 52.96 41.17 o

6 7 2 654.75 535.45 60.31 o

7 7 2 1276.21 1228.26 82.38 o

8 7 2 93.16 108.84 50.03 o

9 7 2 441.33 461.89 66.20 o

10 7 2 7.42 39.71 52.96 o

-10 8 2 1805.87 1813.70 110.34 o

-9 8 2 253.67 238.28 60.31 o

-8 8 2 1173.61 1240.04 86.77 o

-7 8 2 2040.87 2288.84 102.98 o

-6 8 2 115.84 69.13 42.67 o

-5 8 2 1802.56 1897.54 86.77 o

-4 8 2 1387.75 1569.53 75.02 o

-3 8 2 220.03 263.31 45.60 o

-2 8 2 509.36 645.75 54.42 o

-1 8 2 15261.06 16424.89 201.54 o

0 8 2 189.60 270.67 44.14 o

1 8 2 3578.10 3696.57 101.48 o

2 8 2 3572.86 3327.34 101.48 o

3 8 2 104.25 123.55 42.67 o

4 8 2 553.86 529.56 57.38 o

5 8 2 4580.51 4489.40 129.44 o

6 8 2 223.71 142.69 47.06 o

7 8 2 550.25 523.66 66.20 o

8 8 2 239.08 289.77 58.85 o

9 8 2 6.88 -36.78 48.53 o

-10 9 2 503.79 523.66 77.95 o

-9 9 2 898.73 959.09 83.84 o

-8 9 2 9.32 36.78 48.53 o

-7 9 2 3584.42 3734.81 130.91 o

-6 9 2 330.28 483.96 52.96 o

-5 9 2 155.18 205.93 45.60 o

-4 9 2 1153.45 1217.98 70.60 o

-3 9 2 351.00 407.47 51.49 o

-2 9 2 5733.25 5969.23 133.87 o

-1 9 2 572.41 507.49 54.42 o

0 9 2 973.68 1110.60 67.67 o

1 9 2 2434.08 2374.14 89.73 o

2 9 2 120.80 135.33 42.67 o

3 9 2 2.02 14.71 36.78 o

4 9 2 5978.92 5535.27 142.69 o

5 9 2 3.90 4.43 39.71 o

6 9 2 158.72 113.27 45.60 o

7 9 2 4889.26 4907.15 152.98 o

8 9 2 864.67 854.64 82.38 o

9 9 2 278.91 213.29 64.74 o

-9 10 2 169.44 176.51 61.78 o

-8 10 2 325.79 320.66 64.74 o

-7 10 2 412.93 442.75 61.78 o

-6 10 2 2028.37 1978.46 98.56 o

-5 10 2 420.27 511.91 63.24 o

-4 10 2 1936.01 2097.62 92.66 o

-3 10 2 1104.36 1106.17 73.56 o

-2 10 2 1123.70 1148.85 73.56 o

-1 10 2 2862.12 3099.34 104.45 o

0 10 2 222.94 250.07 44.14 o

1 10 2 1759.15 1663.69 80.91 o

2 10 2 1045.00 1026.72 69.13 o

3 10 2 1804.45 1700.43 88.27 o

4 10 2 28.82 36.78 41.17 o

5 10 2 32.56 11.78 45.60 o

6 10 2 522.82 585.44 70.60 o

7 10 2 237.57 247.14 57.38 o

8 10 2 2.19 -8.82 51.49 o

-9 11 2 18.76 22.07 54.42 o

-8 11 2 495.13 514.84 72.09 o

-7 11 2 98.44 23.53 52.96 o

-6 11 2 19.94 77.95 42.67 o

-5 11 2 24.14 60.31 45.60 o

-4 11 2 226.76 247.14 54.42 o

-3 11 2 32.89 -8.82 42.67 o

-2 11 2 3600.21 3702.46 120.62 o

-1 11 2 2637.47 2533.01 101.48 o

0 11 2 75.41 151.51 41.17 o

1 11 2 4823.38 4643.88 133.87 o

2 11 2 429.99 398.65 60.31 o

3 11 2 1083.61 1042.93 75.02 o

4 11 2 2.07 2.93 44.14 o

5 11 2 112.63 135.33 51.49 o

6 11 2 1335.16 1217.98 91.20 o

7 11 2 146.30 63.24 58.85 o

8 11 2 163.37 169.15 61.78 o

-8 12 2 12.47 44.14 54.42 o

-7 12 2 2046.54 2184.39 117.69 o

-6 12 2 688.48 764.91 77.95 o

-5 12 2 84.33 27.96 52.96 o

-4 12 2 436.34 492.78 61.78 o

-3 12 2 405.40 426.57 58.85 o

-2 12 2 0.47 -26.46 44.14 o

-1 12 2 1636.64 1641.62 88.27 o

0 12 2 181.25 142.69 50.03 o

1 12 2 40.30 29.42 45.60 o

2 12 2 665.30 548.66 66.20 o

3 12 2 148.54 148.58 52.96 o

4 12 2 100.78 108.84 51.49 o

5 12 2 23.13 51.49 45.60 o

6 12 2 1876.92 1763.71 105.91 o

7 12 2 364.76 319.20 66.20 o

-7 13 2 30.78 64.74 58.85 o

-6 13 2 456.34 445.71 69.13 o

-5 13 2 52.25 135.33 54.42 o

-4 13 2 75.74 47.06 52.96 o

-3 13 2 29.71 61.78 47.06 o

-2 13 2 835.63 932.60 76.49 o

-1 13 2 1098.64 1004.69 79.42 o

0 13 2 1.32 25.00 44.14 o

1 13 2 877.99 756.09 77.95 o

2 13 2 25.47 55.88 48.53 o

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4 13 2 175.35 204.47 54.42 o

5 13 2 536.18 485.42 73.56 o

6 13 2 0.45 22.07 50.03 o

-6 14 2 378.10 354.51 69.13 o

-5 14 2 40.03 110.34 54.42 o

-4 14 2 119.82 100.02 55.88 o

-3 14 2 1171.07 1169.41 88.27 o

-2 14 2 109.84 27.96 55.88 o

-1 14 2 84.11 155.94 51.49 o

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1 14 2 1.70 -47.06 50.03 o

2 14 2 371.61 288.31 64.74 o

3 14 2 121.24 97.09 54.42 o

4 14 2 118.94 102.98 57.38 o

5 14 2 12.51 7.36 58.85 o

-4 15 2 985.20 1066.47 88.27 o

-3 15 2 297.40 242.71 69.13 o

-2 15 2 2600.58 2622.75 126.51 o

-1 15 2 671.46 726.67 76.49 o

0 15 2 521.77 520.73 73.56 o

1 15 2 1790.85 1681.33 108.84 o

2 15 2 131.68 138.26 54.42 o

3 15 2 254.32 204.47 64.74 o

-12 1 3 180.21 233.89 61.78 o

-11 1 3 686.78 656.07 76.49 o

-10 1 3 551.24 538.38 63.24 o

-9 1 3 43.49 41.17 44.14 o

-8 1 3 639.05 689.89 60.31 o

-7 1 3 4216.53 4065.76 114.73 o

-6 1 3 131.78 120.62 41.17 o

-5 1 3 7789.39 7822.64 132.37 o

-4 1 3 10682.56 10560.11 141.23 o

-3 1 3 51.06 32.35 29.42 o

-2 1 3 17718.26 17028.01 158.87 o

-1 1 3 46.06 35.32 26.46 o

0 1 3 205.13 208.89 30.89 o

1 1 3 630.82 557.51 38.24 o

2 1 3 13501.88 11892.82 145.62 o

3 1 3 224.65 232.43 35.32 o

4 1 3 190.45 188.29 39.71 o

5 1 3 2733.31 2705.12 89.73 o

6 1 3 65.92 23.53 38.24 o

7 1 3 4420.00 3977.52 125.02 o

8 1 3 419.52 394.22 54.42 o

9 1 3 305.35 286.85 55.88 o

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-12 2 3 1662.62 1544.53 111.80 o

-11 2 3 1142.30 1006.15 85.31 o

-10 2 3 351.02 442.75 61.78 o

-9 2 3 206.35 189.75 51.49 o

-8 2 3 106.45 100.02 44.14 o

-7 2 3 1178.96 1016.44 67.67 o

-6 2 3 13407.21 12610.67 182.40 o

-5 2 3 279.64 260.35 39.71 o

-4 2 3 375.15 367.76 41.17 o

-3 2 3 6384.68 6181.05 104.45 o

-2 2 3 4127.58 3914.25 82.38 o

-1 2 3 6497.05 6023.65 97.09 o

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1 2 3 3393.35 3453.86 77.95 o

2 2 3 9759.16 9326.00 130.91 o

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6 2 3 1388.71 1353.31 73.56 o

7 2 3 1252.79 1173.84 75.02 o

8 2 3 498.36 550.16 64.74 o

9 2 3 114.17 86.77 51.49 o

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-11 3 3 38.59 25.00 52.96 o

-10 3 3 316.75 267.71 58.85 o

-9 3 3 1107.23 1190.02 80.91 o

-8 3 3 2150.33 2169.68 97.09 o

-7 3 3 460.84 479.53 55.88 o

-6 3 3 546.18 573.69 55.88 o

-5 3 3 1943.40 1901.97 75.02 o

-4 3 3 782.30 872.28 54.42 o

-3 3 3 71.02 95.63 32.35 o

-2 3 3 2981.61 2916.95 75.02 o

-1 3 3 5682.21 6133.95 102.98 o

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3 3 3 4923.20 4745.36 105.91 o

4 3 3 21.22 73.56 35.32 o

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6 3 3 119.76 152.98 42.67 o

7 3 3 1569.12 1716.64 88.27 o

8 3 3 744.59 734.02 67.67 o

9 3 3 181.49 175.04 54.42 o

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-11 4 3 192.10 307.45 64.74 o

-10 4 3 323.64 305.95 58.85 o

-9 4 3 1808.11 1746.03 97.09 o

-8 4 3 519.39 500.13 58.85 o

-7 4 3 1601.85 1632.77 80.91 o

-6 4 3 7749.25 8221.29 154.44 o

-5 4 3 6141.18 6183.98 127.98 o

-4 4 3 6335.36 6462.00 122.09 o

-3 4 3 9900.67 10065.87 142.69 o

-2 4 3 2192.52 2322.65 72.09 o

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6 4 3 2708.88 2494.77 98.56 o

7 4 3 269.40 245.64 51.49 o

8 4 3 857.70 897.28 75.02 o

9 4 3 742.40 742.84 75.02 o

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-11 5 3 2543.87 2778.68 129.44 o

-10 5 3 1.39 10.28 47.06 o

-9 5 3 326.58 428.04 61.78 o

-8 5 3 557.50 613.40 64.74 o

-7 5 3 1656.71 1410.66 82.38 o

-6 5 3 11.29 39.71 38.24 o

-5 5 3 358.04 245.64 48.53 o

-4 5 3 1512.67 1479.79 69.13 o

-3 5 3 819.59 869.36 55.88 o

-2 5 3 908.10 803.15 52.96 o

-1 5 3 7723.87 8028.57 129.44 o

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5 5 3 6628.11 6278.11 144.15 o

6 5 3 3665.78 3602.41 122.09 o

7 5 3 7.90 13.25 44.14 o

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9 5 3 599.08 695.78 75.02 o

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-11 6 3 124.90 33.82 57.38 o

-10 6 3 1849.64 1653.37 105.91 o

-9 6 3 2.13 13.25 47.06 o

-8 6 3 25.60 42.67 45.60 o

-7 6 3 124.36 86.77 45.60 o

-6 6 3 4367.70 4801.24 129.44 o

-5 6 3 2108.90 2150.57 85.31 o

-4 6 3 2732.41 2788.97 92.66 o

-3 6 3 14703.57 15405.53 194.18 o

-2 6 3 855.00 938.49 58.85 o

-1 6 3 259.34 332.44 44.14 o

0 6 3 3.18 16.18 35.32 o

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5 6 3 151.11 192.68 45.60 o

6 6 3 261.88 298.59 51.49 o

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8 6 3 33.96 79.42 47.06 o

9 6 3 305.11 403.04 66.20 o

-10 7 3 121.93 95.63 57.38 o

-9 7 3 4.14 27.96 47.06 o

-8 7 3 552.41 523.66 64.74 o

-7 7 3 3040.73 2903.70 113.27 o

-6 7 3 438.07 329.48 54.42 o

-5 7 3 2171.88 2282.94 91.20 o

-4 7 3 3438.06 3493.57 105.91 o

-3 7 3 786.33 870.82 63.24 o

-2 7 3 5390.91 5613.25 125.02 o

-1 7 3 149.99 160.33 41.17 o

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1 7 3 1181.50 1203.27 66.20 o

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4 7 3 6169.93 5741.23 141.23 o

5 7 3 671.21 570.73 58.85 o

6 7 3 209.34 186.83 50.03 o

7 7 3 315.68 320.66 55.88 o

8 7 3 503.25 667.82 66.20 o

9 7 3 1457.16 1629.84 104.45 o

-10 8 3 473.31 545.73 77.95 o

-9 8 3 44.20 -7.36 50.03 o

-8 8 3 203.43 130.91 50.03 o

-7 8 3 5.11 23.53 45.60 o

-6 8 3 1082.32 881.10 75.02 o

-5 8 3 868.83 891.42 66.20 o

-4 8 3 1828.22 1874.01 83.84 o

-3 8 3 2201.61 2328.54 88.27 o

-2 8 3 41.18 42.67 41.17 o

-1 8 3 29.75 19.14 39.71 o

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2 8 3 17.20 44.14 36.78 o

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4 8 3 1382.37 1144.42 76.49 o

5 8 3 303.79 355.98 55.88 o

6 8 3 1136.87 948.77 77.95 o

7 8 3 4.40 -23.53 44.14 o

8 8 3 0.42 26.46 44.14 o

9 8 3 36.50 -1.46 54.42 o

-9 9 3 391.10 369.22 63.24 o

-8 9 3 80.56 42.67 51.49 o

-7 9 3 17.35 -22.07 42.67 o

-6 9 3 0.42 -27.96 41.17 o

-5 9 3 7.48 27.96 45.60 o

-4 9 3 4.73 33.82 39.71 o

-3 9 3 319.99 294.20 48.53 o

-2 9 3 57.45 102.98 44.14 o

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1 9 3 1284.01 1237.08 75.02 o

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3 9 3 531.18 461.89 57.38 o

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-9 10 3 21.13 33.82 54.42 o

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-6 10 3 294.56 353.05 58.85 o

-5 10 3 2900.64 2786.04 111.80 o

-4 10 3 3493.46 3375.87 117.69 o

-3 10 3 693.17 834.04 64.74 o

-2 10 3 352.10 336.84 51.49 o

-1 10 3 172.61 205.93 50.03 o

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2 10 3 118.58 63.24 48.53 o

3 10 3 126.72 101.48 45.60 o

4 10 3 3219.19 2831.64 116.20 o

5 10 3 321.10 275.06 55.88 o

6 10 3 188.75 169.15 55.88 o

7 10 3 289.26 330.98 67.67 o

-8 11 3 313.97 364.80 67.67 o

-7 11 3 2559.97 2762.47 126.51 o

-6 11 3 6.74 52.96 45.60 o

-5 11 3 2140.33 2253.52 111.80 o

-4 11 3 1883.79 1894.62 97.09 o

-3 11 3 131.08 148.58 48.53 o

-2 11 3 1525.68 1644.55 88.27 o

-1 11 3 677.62 700.17 66.20 o

0 11 3 508.59 535.45 61.78 o

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3 11 3 151.23 85.31 48.53 o

4 11 3 3056.03 2962.55 122.09 o

5 11 3 89.14 42.67 50.03 o

6 11 3 92.99 147.08 60.31 o

7 11 3 49.81 91.20 57.38 o

-7 12 3 68.05 132.37 57.38 o

-6 12 3 539.62 567.80 73.56 o

-5 12 3 72.79 39.71 50.03 o

-4 12 3 855.88 923.78 77.95 o

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-2 12 3 438.12 554.55 61.78 o

-1 12 3 35.28 88.27 45.60 o

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1 12 3 740.43 809.04 70.60 o

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3 12 3 417.59 403.04 66.20 o

4 12 3 115.65 179.47 58.85 o

5 12 3 963.79 848.75 88.27 o

6 12 3 42.48 66.20 54.42 o

-6 13 3 56.37 86.77 55.88 o

-5 13 3 98.18 86.77 57.38 o

-4 13 3 0.59 32.35 50.03 o

-3 13 3 389.22 395.68 61.78 o

-2 13 3 149.80 257.42 57.38 o

-1 13 3 56.64 100.02 50.03 o

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2 13 3 842.38 881.11 80.91 o

3 13 3 1768.99 1681.33 102.98 o

4 13 3 274.15 298.59 64.74 o

5 13 3 1118.72 1007.62 89.73 o

-5 14 3 2849.87 2838.99 136.80 o

-4 14 3 1565.54 1722.50 107.38 o

-3 14 3 447.00 576.62 76.49 o

-2 14 3 1223.73 1370.95 92.66 o

-1 14 3 67.85 142.69 54.42 o

0 14 3 85.01 117.69 55.88 o

1 14 3 3.80 77.95 50.03 o

2 14 3 2425.58 2156.46 119.16 o

3 14 3 2.94 2.93 48.53 o

-3 15 3 63.77 50.03 54.42 o

-2 15 3 211.63 245.64 63.24 o

-1 15 3 24.54 -5.89 55.88 o

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-10 0 4 1026.65 976.73 83.84 o

-9 0 4 1222.66 1072.32 77.95 o

-8 0 4 2178.98 2246.17 101.48 o

-7 0 4 7025.39 6853.26 152.98 o

-6 0 4 7.07 -7.36 33.82 o

-5 0 4 389.99 354.51 45.60 o

-4 0 4 277.49 148.58 39.71 o

-3 0 4 6833.71 6737.07 122.09 o

-2 0 4 1711.77 1750.46 64.74 o

-1 0 4 16841.45 15782.07 175.04 o

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-10 1 4 205.12 205.93 61.78 o

-9 1 4 174.75 191.22 52.96 o

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-6 1 4 704.18 672.25 58.85 o

-5 1 4 2119.69 2018.17 82.38 o

-4 1 4 256.39 342.73 42.67 o

-3 1 4 2443.27 2334.44 77.95 o

-2 1 4 1040.63 1137.06 54.42 o

-1 1 4 622.90 620.75 47.06 o

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3 1 4 74.65 89.73 39.71 o

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6 1 4 653.41 816.40 66.20 o

7 1 4 2337.10 2224.10 105.91 o

8 1 4 789.34 820.79 77.95 o

9 1 4 1859.68 2031.41 114.73 o

-11 2 4 30.71 92.66 54.42 o

-10 2 4 37.38 36.78 45.60 o

-9 2 4 438.70 375.08 60.31 o

-8 2 4 11.55 7.36 38.24 o

-7 2 4 1889.95 1954.93 88.27 o

-6 2 4 645.73 628.11 58.85 o

-5 2 4 154.72 61.78 42.67 o

-4 2 4 1845.64 1952.00 75.02 o

-3 2 4 139.43 177.97 36.78 o

-2 2 4 572.99 536.91 47.06 o

-1 2 4 5739.86 5351.40 108.84 o

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2 2 4 236.71 235.35 42.67 o

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9 2 4 27.21 75.02 52.96 o

-11 3 4 514.19 498.67 70.60 o

-10 3 4 237.76 252.99 58.85 o

-9 3 4 5262.37 5424.96 158.87 o

-8 3 4 17.76 -33.82 42.67 o

-7 3 4 71.35 94.13 39.71 o

-6 3 4 2062.79 2134.40 86.77 o

-5 3 4 10.81 36.78 38.24 o

-4 3 4 1.69 23.53 38.24 o

-3 3 4 5210.94 4798.31 110.34 o

-2 3 4 70.02 89.73 35.32 o

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4 3 4 744.75 648.71 57.38 o

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8 3 4 35.20 75.02 50.03 o

9 3 4 1197.26 1312.10 97.09 o

-11 4 4 100.74 161.80 58.85 o

-10 4 4 59.51 17.64 51.49 o

-9 4 4 203.41 127.98 52.96 o

-8 4 4 61.56 -7.36 48.53 o

-7 4 4 410.25 370.69 54.42 o

-6 4 4 1.28 27.96 38.24 o

-5 4 4 161.49 160.33 44.14 o

-4 4 4 1979.09 1910.79 79.42 o

-3 4 4 2610.22 2438.88 83.84 o

-2 4 4 1938.39 2066.73 77.95 o

-1 4 4 6345.65 5730.91 119.16 o

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7 4 4 1.11 -17.64 41.17 o

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-11 5 4 13.38 41.17 55.88 o

-10 5 4 2228.36 2156.46 114.73 o

-9 5 4 44.48 69.13 50.03 o

-8 5 4 1379.63 1494.50 89.73 o

-7 5 4 2092.25 2224.10 98.56 o

-6 5 4 85.45 66.20 39.71 o

-5 5 4 220.67 222.11 45.60 o

-4 5 4 562.19 564.87 54.42 o

-3 5 4 66.97 57.38 38.24 o

-2 5 4 933.18 897.28 58.85 o

-1 5 4 427.53 498.67 50.03 o

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2 5 4 2925.60 2666.88 92.66 o

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7 5 4 195.93 139.73 52.96 o

8 5 4 92.04 182.40 52.96 o

9 5 4 0.86 -41.17 52.96 o

-10 6 4 331.21 205.93 64.74 o

-9 6 4 435.41 392.76 67.67 o

-8 6 4 413.86 376.58 61.78 o

-7 6 4 128.05 147.08 47.06 o

-6 6 4 344.05 328.02 55.88 o

-5 6 4 782.73 775.19 63.24 o

-4 6 4 2805.00 2665.42 97.09 o

-3 6 4 541.21 641.36 54.42 o

-2 6 4 2147.62 1996.10 83.84 o

-1 6 4 6817.55 6510.53 136.80 o

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7 6 4 830.32 788.44 77.95 o

8 6 4 2149.11 2297.66 122.09 o

-10 7 4 10.14 5.89 48.53 o

-9 7 4 3592.90 3743.63 144.15 o

-8 7 4 99.40 185.33 51.49 o

-7 7 4 111.02 79.42 48.53 o

-6 7 4 3118.52 3153.77 116.20 o

-5 7 4 1547.87 1824.02 85.31 o

-4 7 4 936.83 873.75 66.20 o

-3 7 4 511.06 447.18 51.49 o

-2 7 4 1530.95 1651.91 80.91 o

-1 7 4 369.36 426.57 50.03 o

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5 7 4 143.00 166.22 48.53 o

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7 7 4 34.24 79.42 50.03 o

8 7 4 43.63 38.24 60.31 o

-9 8 4 352.09 236.82 69.13 o

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-6 8 4 72.41 83.84 45.60 o

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-4 8 4 1199.23 1219.44 76.49 o

-3 8 4 402.35 285.38 50.03 o

-2 8 4 4374.63 4648.27 127.98 o

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7 8 4 89.08 120.62 54.42 o

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-8 9 4 143.73 69.13 55.88 o

-7 9 4 2362.18 2349.15 116.20 o

-6 9 4 69.32 100.02 47.06 o

-5 9 4 1391.93 1465.08 86.77 o

-4 9 4 5.32 -41.17 41.17 o

-3 9 4 375.43 391.29 52.96 o

-2 9 4 7003.39 7219.56 164.76 o

-1 9 4 322.53 211.82 48.53 o

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1 9 4 3240.97 3022.86 111.80 o

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4 9 4 1.01 1.46 42.67 o

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6 9 4 1571.75 1747.53 100.02 o

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-7 10 4 1394.73 1410.66 100.02 o

-6 10 4 420.46 435.39 69.13 o

-5 10 4 124.25 114.73 48.53 o

-4 10 4 400.52 454.53 58.85 o

-3 10 4 887.96 826.69 73.56 o

-2 10 4 432.50 485.42 61.78 o

-1 10 4 26.27 86.77 45.60 o

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3 10 4 499.36 588.40 67.67 o

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-5 11 4 226.25 210.36 55.88 o

-4 11 4 0.28 63.24 45.60 o

-3 11 4 52.91 30.89 45.60 o

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-1 11 4 1191.43 1223.83 83.84 o

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2 11 4 2434.44 2543.33 114.73 o

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5 11 4 890.14 920.81 83.84 o

6 11 4 152.27 167.69 55.88 o

-7 12 4 90.39 92.66 57.38 o

-6 12 4 5.32 -17.64 51.49 o

-5 12 4 50.80 52.96 54.42 o

-4 12 4 78.64 63.24 51.49 o

-3 12 4 1526.62 1688.69 100.02 o

-2 12 4 1552.11 1638.66 100.02 o

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1 12 4 1324.01 1204.73 89.73 o

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3 12 4 19.37 2.93 52.96 o

4 12 4 713.04 732.56 80.91 o

5 12 4 205.89 175.04 64.74 o

-5 13 4 0.15 23.53 52.96 o

-4 13 4 73.63 89.73 58.85 o

-3 13 4 203.53 88.27 57.38 o

-2 13 4 434.46 592.80 72.09 o

-1 13 4 318.57 326.55 63.24 o

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1 13 4 193.10 189.75 60.31 o

2 13 4 415.43 342.73 64.74 o

3 13 4 89.18 88.27 57.38 o

-3 14 4 192.83 170.65 58.85 o

-2 14 4 0.68 -41.17 58.85 o

-1 14 4 426.25 431.00 70.60 o

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-10 1 5 35.63 60.31 48.53 o

-9 1 5 35.11 -20.60 47.06 o

-8 1 5 55.79 67.67 45.60 o

-7 1 5 160.94 183.86 50.03 o

-6 1 5 7998.90 7778.50 166.22 o

-5 1 5 191.99 176.51 44.14 o

-4 1 5 2738.65 2400.64 92.66 o

-3 1 5 4628.66 4545.32 117.69 o

-2 1 5 764.82 732.56 57.38 o

-1 1 5 622.73 608.97 55.88 o

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-11 2 5 1603.39 1829.88 113.27 o

-10 2 5 21.67 -4.43 48.53 o

-9 2 5 103.27 61.78 52.96 o

-8 2 5 13.26 5.89 44.14 o

-7 2 5 21.49 32.35 42.67 o

-6 2 5 3369.49 3256.75 116.20 o

-5 2 5 18.57 16.18 38.24 o

-4 2 5 34.96 32.35 36.78 o

-3 2 5 17.06 36.78 38.24 o

-2 2 5 6.52 11.78 38.24 o

-1 2 5 773.43 707.53 58.85 o

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5 2 5 319.22 341.27 55.88 o

6 2 5 3269.09 3443.54 129.44 o

7 2 5 235.43 291.24 55.88 o

8 2 5 1763.10 1947.57 111.80 o

-10 3 5 1043.53 1057.65 89.73 o

-9 3 5 174.60 229.46 61.78 o

-8 3 5 293.28 238.28 61.78 o

-7 3 5 104.01 111.80 48.53 o

-6 3 5 3902.92 3917.21 126.51 o

-5 3 5 609.43 488.35 57.38 o

-4 3 5 413.19 366.26 50.03 o

-3 3 5 1449.46 1393.02 73.56 o

-2 3 5 1451.32 1551.89 75.02 o

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-7 4 5 3181.86 3281.74 122.09 o

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-4 4 5 7312.77 7181.31 155.94 o

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8 4 5 245.90 305.95 64.74 o

-10 5 5 46.11 60.31 54.42 o

-9 5 5 32.12 66.20 50.03 o

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-6 5 5 184.85 204.47 48.53 o

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7 5 5 38.48 98.56 48.53 o

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-10 6 5 1.68 -5.89 51.49 o

-9 6 5 239.86 254.49 61.78 o

-8 6 5 652.82 685.46 73.56 o

-7 6 5 22.71 50.03 45.60 o

-6 6 5 11.11 35.32 44.14 o

-5 6 5 627.72 592.80 63.24 o

-4 6 5 781.15 681.07 66.20 o

-3 6 5 658.40 625.15 63.24 o

-2 6 5 38.13 23.53 36.78 o

-1 6 5 149.74 163.29 44.14 o

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-9 7 5 478.59 472.17 73.56 o

-8 7 5 1190.84 1281.22 91.20 o

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-6 7 5 892.72 881.10 76.49 o

-5 7 5 4701.81 5057.20 150.05 o

-4 7 5 587.66 660.46 63.24 o

-3 7 5 2097.37 2143.22 97.09 o

-2 7 5 302.61 367.76 52.96 o

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5 7 5 266.53 211.82 57.38 o

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-9 8 5 6.19 -38.24 51.49 o

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5 8 5 237.46 205.93 58.85 o

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-7 10 5 893.06 872.28 89.73 o

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-5 11 5 2915.76 3011.07 133.87 o

-4 11 5 193.72 129.44 57.38 o

-3 11 5 550.27 519.27 73.56 o

-2 11 5 922.55 966.45 83.84 o

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-5 12 5 547.66 492.78 72.09 o

-4 12 5 1381.85 1192.95 95.63 o

-3 12 5 64.13 2.93 52.96 o

-2 12 5 70.63 -55.88 55.88 o

-1 12 5 2466.10 2432.99 120.62 o

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-3 13 5 114.52 139.73 57.38 o

-2 13 5 174.34 186.83 60.31 o

-1 13 5 138.36 173.58 61.78 o

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-9 0 6 11362.20 10558.65 239.78 o

-8 0 6 16.04 -16.18 50.03 o

-7 0 6 90.85 72.09 48.53 o

-6 0 6 1326.36 1300.36 83.84 o

-5 0 6 749.97 813.44 67.67 o

-4 0 6 925.21 801.69 67.67 o

-3 0 6 3937.74 3721.56 119.16 o

-2 0 6 1.12 -35.32 36.78 o

-1 0 6 27.08 47.06 44.14 o

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-9 1 6 0.96 38.24 47.06 o

-8 1 6 18.84 39.71 47.06 o

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-4 1 6 3598.93 3499.46 119.16 o

-3 1 6 1874.45 1846.09 86.77 o

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-6 2 6 94.37 22.07 45.60 o

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-4 2 6 313.67 283.88 50.03 o

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-6 3 6 228.00 175.04 52.96 o

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-4 3 6 1181.05 1157.67 77.95 o

-3 3 6 67.88 30.89 42.67 o

-2 3 6 0.76 26.46 41.17 o

-1 3 6 6034.14 5695.63 148.58 o

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-7 4 6 90.81 98.56 50.03 o

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-4 4 6 2034.92 1865.19 97.09 o

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-7 5 6 12.86 26.46 47.06 o

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-5 5 6 5.49 16.18 42.67 o

-4 5 6 54.84 73.56 44.14 o

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-5 6 6 1607.34 1456.26 95.63 o

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-4 7 6 153.24 160.33 47.06 o

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-1 7 6 1177.03 1091.46 80.91 o

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-4 8 6 334.36 354.51 63.24 o

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-6 9 6 181.73 97.09 58.85 o

-5 9 6 394.79 417.75 64.74 o

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-3 9 6 3831.06 3618.58 142.69 o

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-4 4 7 211.92 111.80 54.42 o

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-5 7 7 192.74 154.44 60.31 o

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-2 6 8 46.11 16.18 52.96 o

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