#

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

#

data\_b7

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

\_shelx\_refln\_list\_code 4

\_shelx\_F\_calc\_maximum 189.39

\_exptl\_crystal\_F\_000 718.14

\_reflns\_d\_resolution\_high 0.7093

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 8.8072

\_cell\_length\_b 11.5131

\_cell\_length\_c 6.1372

\_cell\_angle\_alpha 90.000

\_cell\_angle\_beta 99.243

\_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 0 161.34 138.87 24.23 o

3 0 0 15879.14 15938.80 164.60 o

4 0 0 626.78 756.40 33.09 o

5 0 0 7941.03 7941.27 89.20 o

6 0 0 4829.81 4668.60 78.57 o

7 0 0 2425.92 2521.88 67.93 o

8 0 0 15.75 17.26 30.11 o

9 0 0 5197.96 5085.47 107.53 o

10 0 0 17.64 -11.69 35.45 o

11 0 0 702.04 699.15 60.23 o

12 0 0 885.71 884.74 67.23 o

1 1 0 117.42 153.75 15.37 o

2 1 0 248.36 363.38 38.43 o

3 1 0 1995.53 1995.29 42.61 o

4 1 0 5691.03 5364.07 67.36 o

5 1 0 8807.05 8454.18 196.34 o

6 1 0 306.26 350.60 36.62 o

7 1 0 722.99 780.67 77.70 o

8 1 0 9604.08 9453.38 132.92 o

9 1 0 1061.79 1104.16 61.40 o

10 1 0 43.66 2.36 37.20 o

11 1 0 8.66 -6.42 39.57 o

12 1 0 919.35 933.34 70.23 o

0 2 0 336.20 237.28 25.07 o

1 2 0 41.92 66.01 20.09 o

2 2 0 197.66 207.13 23.02 o

3 2 0 454.59 413.87 27.19 o

4 2 0 1505.81 1455.82 64.34 o

5 2 0 2458.44 2558.65 55.49 o

6 2 0 979.08 874.57 43.72 o

7 2 0 5637.88 5693.13 96.30 o

8 2 0 286.24 291.97 38.39 o

9 2 0 596.26 530.14 49.63 o

10 2 0 507.70 570.45 51.96 o

11 2 0 55.70 79.37 42.53 o

12 2 0 0.39 -30.03 45.39 o

1 3 0 30479.72 28147.98 108.69 o

2 3 0 22369.77 21319.22 112.79 o

3 3 0 4843.28 4459.92 58.48 o

4 3 0 4066.55 3985.53 62.61 o

5 3 0 1528.44 1326.06 45.48 o

6 3 0 950.38 899.54 44.85 o

7 3 0 59.49 61.34 33.43 o

8 3 0 5217.36 4987.97 198.85 o

9 3 0 2.50 35.09 35.45 o

10 3 0 762.74 767.65 57.75 o

11 3 0 455.24 482.65 54.32 o

12 3 0 69.90 48.62 45.48 o

0 4 0 28665.50 26094.87 163.76 o

1 4 0 5026.95 4844.07 104.45 o

2 4 0 638.44 595.47 28.93 o

3 4 0 5908.07 5577.60 69.11 o

4 4 0 70.50 88.57 24.80 o

5 4 0 3664.34 3774.80 127.00 o

6 4 0 4071.72 4093.85 113.64 o

7 4 0 13.61 -10.85 32.34 o

8 4 0 616.30 626.53 47.21 o

9 4 0 1733.28 1664.62 73.84 o

10 4 0 215.53 211.65 43.72 o

11 4 0 0.39 -6.31 40.13 o

1 5 0 437.05 408.47 26.57 o

2 5 0 4536.50 4575.72 62.02 o

3 5 0 518.80 508.07 31.29 o

4 5 0 190.32 205.54 28.93 o

5 5 0 466.90 421.11 37.81 o

6 5 0 1021.58 934.82 50.21 o

7 5 0 2079.38 1900.26 245.64 o

8 5 0 0.38 18.38 31.90 o

9 5 0 173.55 164.33 42.53 o

10 5 0 445.33 338.32 50.12 o

11 5 0 313.88 220.38 53.13 o

0 6 0 6184.27 5631.39 98.59 o

1 6 0 428.52 445.63 30.11 o

2 6 0 4934.92 4925.66 99.42 o

3 6 0 562.91 518.96 33.09 o

4 6 0 1327.48 1218.85 46.66 o

5 6 0 75.59 69.34 31.90 o

6 6 0 2722.53 2698.38 118.64 o

7 6 0 3696.14 3618.61 86.24 o

8 6 0 102.85 71.55 37.20 o

9 6 0 2139.40 2246.30 139.53 o

10 6 0 796.80 725.32 59.04 o

11 6 0 210.24 273.18 51.81 o

1 7 0 8809.79 8763.41 93.93 o

2 7 0 5040.29 5136.37 76.81 o

3 7 0 3108.02 3058.61 64.39 o

4 7 0 1151.51 1182.05 96.92 o

5 7 0 156.96 105.52 41.76 o

6 7 0 702.09 716.22 48.95 o

7 7 0 69.32 30.69 35.91 o

8 7 0 245.11 286.55 43.11 o

9 7 0 1268.96 1248.64 68.52 o

10 7 0 1197.40 1306.91 74.42 o

11 7 0 30.59 14.99 46.40 o

0 8 0 2250.32 2336.10 81.88 o

1 8 0 8730.96 8327.38 100.43 o

2 8 0 1955.43 1823.15 64.34 o

3 8 0 604.21 652.15 91.06 o

4 8 0 770.42 788.68 84.39 o

5 8 0 140.15 172.79 33.66 o

6 8 0 1081.86 1087.84 55.54 o

7 8 0 116.92 96.92 35.45 o

8 8 0 1932.21 2095.37 79.75 o

9 8 0 144.44 144.82 67.68 o

10 8 0 61.74 87.17 45.39 o

1 9 0 790.42 616.63 42.53 o

2 9 0 275.57 308.64 50.96 o

3 9 0 357.75 409.52 46.80 o

4 9 0 65.64 101.25 36.76 o

5 9 0 2362.32 2499.84 73.84 o

6 9 0 2851.32 2783.21 85.21 o

7 9 0 1308.69 1240.01 65.00 o

8 9 0 775.57 771.35 59.66 o

9 9 0 1673.03 1766.23 82.69 o

10 9 0 149.35 176.29 48.44 o

0 10 0 3024.76 3057.98 105.26 o

1 10 0 1320.37 1330.63 54.93 o

2 10 0 54.42 48.45 32.48 o

3 10 0 3198.52 3216.36 109.46 o

4 10 0 274.52 309.51 39.57 o

5 10 0 1019.75 1057.31 62.66 o

6 10 0 37.40 20.89 50.98 o

7 10 0 315.67 382.62 45.39 o

8 10 0 403.16 492.74 54.35 o

9 10 0 1233.12 1274.04 74.43 o

1 11 0 247.81 267.78 39.27 o

2 11 0 4125.06 4136.95 100.26 o

3 11 0 1023.96 990.52 57.65 o

4 11 0 400.50 332.39 48.45 o

5 11 0 1150.50 1241.83 62.02 o

6 11 0 307.77 245.83 42.53 o

7 11 0 458.02 502.40 51.99 o

8 11 0 13.50 14.70 42.49 o

9 11 0 92.19 80.68 52.65 o

0 12 0 276.01 314.17 58.49 o

1 12 0 2371.15 2176.55 73.26 o

2 12 0 1548.02 1481.47 63.81 o

3 12 0 9.36 5.02 35.45 o

4 12 0 113.18 134.60 38.94 o

5 12 0 205.49 213.35 42.49 o

6 12 0 13.73 3.77 39.24 o

7 12 0 1539.22 1547.92 116.97 o

8 12 0 399.09 486.97 84.39 o

1 13 0 533.38 497.57 68.50 o

2 13 0 107.81 135.10 40.94 o

3 13 0 338.50 303.26 44.30 o

4 13 0 2.99 -6.62 55.16 o

5 13 0 4.55 29.23 37.81 o

6 13 0 15.10 33.65 43.67 o

7 13 0 1891.27 1748.18 98.59 o

0 14 0 6.61 21.73 51.79 o

1 14 0 354.32 396.03 47.21 o

2 14 0 355.66 362.47 47.27 o

3 14 0 4.36 -16.24 39.57 o

4 14 0 15.56 -39.47 39.47 o

5 14 0 300.70 274.35 51.96 o

6 14 0 360.46 360.96 53.75 o

1 15 0 551.36 676.67 73.52 o

2 15 0 2210.53 2349.35 90.99 o

3 15 0 49.05 27.03 44.30 o

4 15 0 340.45 344.01 55.98 o

0 16 0 1149.35 1047.74 100.28 o

1 16 0 653.74 626.92 59.32 o

2 16 0 144.16 182.67 46.58 o

-12 1 1 629.48 551.45 86.90 o

-11 1 1 134.87 213.90 61.83 o

-10 1 1 627.16 653.38 73.52 o

-9 1 1 472.73 454.51 63.52 o

-8 1 1 599.47 556.44 63.52 o

-7 1 1 1379.51 1338.50 75.21 o

-6 1 1 6105.03 5880.36 123.66 o

-5 1 1 3603.50 3656.23 88.55 o

-4 1 1 89.28 36.76 33.43 o

-3 1 1 33776.72 32683.73 195.50 o

-2 1 1 2540.91 2606.80 55.16 o

-1 1 1 178.78 155.40 28.40 o

0 1 1 2.08 0.00 25.07 o

1 1 1 2479.10 2259.24 48.45 o

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3 1 1 15487.98 14554.71 140.37 o

4 1 1 141.61 132.02 33.43 o

5 1 1 817.28 768.68 55.16 o

6 1 1 5894.68 5953.89 130.33 o

7 1 1 613.04 641.69 63.52 o

8 1 1 927.08 930.75 75.21 o

9 1 1 136.86 120.32 55.16 o

10 1 1 252.05 257.33 65.17 o

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-12 2 1 21.67 6.67 60.15 o

-11 2 1 3072.95 3014.55 138.69 o

-10 2 1 169.30 142.02 58.49 o

-9 2 1 12.36 10.04 50.14 o

-8 2 1 569.99 569.81 63.52 o

-7 2 1 286.20 300.79 51.79 o

-6 2 1 36.85 0.00 43.43 o

-5 2 1 426.93 370.98 43.43 o

-4 2 1 3.02 33.43 31.74 o

-3 2 1 4465.72 4744.07 83.56 o

-2 2 1 88.27 113.62 31.74 o

-1 2 1 335.42 462.87 33.43 o

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1 2 1 22.54 31.74 30.09 o

2 2 1 35868.38 34384.86 190.51 o

3 2 1 851.78 700.18 43.43 o

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5 2 1 8139.68 7840.50 135.35 o

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7 2 1 775.39 772.02 65.17 o

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9 2 1 1826.65 1883.24 103.61 o

10 2 1 0.37 33.43 55.16 o

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-12 3 1 24.73 18.40 58.49 o

-11 3 1 12.45 30.09 55.16 o

-10 3 1 1059.75 1122.95 91.92 o

-9 3 1 384.94 399.39 63.52 o

-8 3 1 368.78 414.41 53.47 o

-7 3 1 958.68 1099.53 71.87 o

-6 3 1 6961.80 7106.89 138.69 o

-5 3 1 1.71 36.76 35.08 o

-4 3 1 2571.33 2626.85 73.52 o

-3 3 1 3964.02 3936.94 78.54 o

-2 3 1 35.79 53.47 30.09 o

-1 3 1 609.93 628.31 36.76 o

0 3 1 791.93 1016.00 41.78 o

1 3 1 19401.01 19482.59 140.37 o

2 3 1 214.10 222.25 33.43 o

3 3 1 26.91 20.05 30.09 o

4 3 1 7602.62 7939.09 125.31 o

5 3 1 3342.39 3300.28 95.26 o

6 3 1 229.50 247.32 50.14 o

7 3 1 4.08 -11.69 43.43 o

8 3 1 401.23 406.06 60.15 o

9 3 1 198.50 230.61 61.83 o

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-12 4 1 29.88 45.12 61.83 o

-11 4 1 28.10 26.72 63.52 o

-10 4 1 2.19 -18.40 51.79 o

-9 4 1 884.32 920.75 80.19 o

-8 4 1 1247.74 1380.28 85.21 o

-7 4 1 2541.88 2351.13 98.59 o

-6 4 1 1685.03 1512.29 76.86 o

-5 4 1 15738.63 15732.78 192.16 o

-4 4 1 12711.12 12800.11 157.09 o

-3 4 1 634.50 544.74 43.43 o

-2 4 1 3133.25 3047.97 68.50 o

-1 4 1 1207.86 1263.29 48.45 o

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1 4 1 1939.14 1818.07 55.16 o

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5 4 1 2257.91 2065.40 81.88 o

6 4 1 1773.53 1751.26 83.56 o

7 4 1 2537.15 2596.80 103.61 o

8 4 1 508.39 422.77 65.17 o

9 4 1 1162.16 1099.53 90.23 o

10 4 1 431.78 606.58 73.52 o

11 4 1 217.42 235.63 65.17 o

-11 5 1 1076.14 1161.36 101.93 o

-10 5 1 29.00 -18.40 55.16 o

-9 5 1 2642.84 2626.85 120.32 o

-8 5 1 274.98 370.98 58.49 o

-7 5 1 53.30 55.16 45.12 o

-6 5 1 1.10 -16.71 43.43 o

-5 5 1 4738.31 4650.50 113.62 o

-4 5 1 2249.65 2326.09 78.54 o

-3 5 1 6287.82 6052.48 108.63 o

-2 5 1 11143.00 10941.94 132.02 o

-1 5 1 764.81 770.33 43.43 o

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1 5 1 10313.19 10161.57 125.31 o

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3 5 1 11944.97 11640.40 152.07 o

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-11 6 1 12.95 43.43 60.15 o

-10 6 1 0.71 -56.81 56.81 o

-9 6 1 953.26 899.01 83.56 o

-8 6 1 4.73 30.09 48.45 o

-7 6 1 684.45 756.99 68.50 o

-6 6 1 1027.97 1022.67 70.19 o

-5 6 1 40.44 50.14 41.78 o

-4 6 1 3388.97 3337.04 95.26 o

-3 6 1 111.78 121.98 36.76 o

-2 6 1 282.40 217.23 38.45 o

-1 6 1 2003.25 2097.14 66.85 o

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1 6 1 1002.94 924.08 50.14 o

2 6 1 727.86 573.15 48.45 o

3 6 1 20000.01 19977.19 208.87 o

4 6 1 3337.29 3223.42 96.91 o

5 6 1 705.45 618.27 60.15 o

6 6 1 1322.21 1221.54 78.54 o

7 6 1 1494.35 1574.12 93.57 o

8 6 1 1247.77 1153.01 88.55 o

9 6 1 619.18 633.33 78.54 o

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-11 7 1 412.89 466.20 81.88 o

-10 7 1 483.76 531.40 76.86 o

-9 7 1 697.56 733.57 81.88 o

-8 7 1 0.90 -25.07 48.45 o

-7 7 1 1819.99 1874.88 95.26 o

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-4 7 1 12063.74 11272.79 175.45 o

-3 7 1 1662.00 1788.02 75.21 o

-2 7 1 1371.06 1395.31 65.17 o

-1 7 1 2610.94 2568.39 78.54 o

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3 7 1 210.95 162.11 40.10 o

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5 7 1 1329.82 1275.01 78.54 o

6 7 1 3274.53 3507.50 118.64 o

7 7 1 1.02 6.67 50.14 o

8 7 1 949.50 1029.34 85.21 o

9 7 1 8.46 26.72 60.15 o

10 7 1 84.66 111.97 65.17 o

-10 8 1 28.03 15.03 60.15 o

-9 8 1 17.65 45.12 56.81 o

-8 8 1 63.13 133.67 50.14 o

-7 8 1 227.01 232.26 55.16 o

-6 8 1 622.06 584.88 65.17 o

-5 8 1 238.66 195.50 53.47 o

-4 8 1 297.24 243.98 53.47 o

-3 8 1 24.49 -1.69 41.78 o

-2 8 1 3914.97 3537.59 101.93 o

-1 8 1 29.06 -10.04 40.10 o

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1 8 1 56.71 115.30 40.10 o

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6 8 1 13.48 15.03 45.12 o

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-10 9 1 73.56 66.85 63.52 o

-9 9 1 579.92 404.41 70.19 o

-8 9 1 37.40 25.07 55.16 o

-7 9 1 407.60 362.62 65.17 o

-6 9 1 9.81 16.71 45.12 o

-5 9 1 493.97 564.79 61.83 o

-4 9 1 417.93 469.57 58.49 o

-3 9 1 645.38 777.04 65.17 o

-2 9 1 633.51 571.50 58.49 o

-1 9 1 2519.52 2583.42 93.57 o

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1 9 1 97.99 125.31 43.43 o

2 9 1 16.44 18.40 41.78 o

3 9 1 116.87 168.78 46.80 o

4 9 1 477.21 432.81 58.49 o

5 9 1 609.11 584.88 65.17 o

6 9 1 179.68 137.04 55.16 o

7 9 1 11.88 36.76 45.12 o

8 9 1 441.26 432.81 70.19 o

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-9 10 1 593.98 609.91 85.21 o

-8 10 1 15.09 -13.38 58.49 o

-7 10 1 7.19 -28.40 51.79 o

-6 10 1 131.76 133.67 53.47 o

-5 10 1 1738.84 1645.96 93.57 o

-4 10 1 335.33 277.38 55.16 o

-3 10 1 1093.41 994.27 71.87 o

-2 10 1 1386.73 1266.66 78.54 o

-1 10 1 2.49 6.67 40.10 o

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1 10 1 3700.14 3469.06 113.62 o

2 10 1 7.38 3.34 38.45 o

3 10 1 6863.06 6745.95 160.42 o

4 10 1 2357.12 2362.85 103.61 o

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6 10 1 261.16 243.98 56.81 o

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8 10 1 1571.37 1544.03 111.97 o

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-9 11 1 278.62 153.75 75.21 o

-8 11 1 722.25 736.94 88.55 o

-7 11 1 1424.32 1667.69 106.95 o

-6 11 1 990.57 907.37 88.55 o

-5 11 1 2497.00 2646.90 118.64 o

-4 11 1 3458.73 3577.69 130.33 o

-3 11 1 597.65 564.79 70.19 o

-2 11 1 2746.59 2814.03 110.28 o

-1 11 1 382.43 305.82 53.47 o

0 11 1 2404.95 2362.85 101.93 o

1 11 1 34.54 31.74 46.80 o

2 11 1 1785.24 1938.40 95.26 o

3 11 1 143.12 116.99 50.14 o

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6 11 1 1430.14 1375.26 100.28 o

7 11 1 7.72 43.43 56.81 o

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-8 12 1 1701.74 1358.54 111.97 o

-7 12 1 45.53 68.50 60.15 o

-6 12 1 225.20 242.30 60.15 o

-5 12 1 1157.90 1056.10 90.23 o

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-3 12 1 72.25 50.14 50.14 o

-2 12 1 50.65 61.83 48.45 o

-1 12 1 2009.07 2220.80 103.61 o

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2 12 1 197.54 91.92 53.47 o

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4 12 1 186.13 309.15 58.49 o

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6 12 1 1108.04 1350.19 98.59 o

7 12 1 141.60 173.80 66.85 o

-7 13 1 0.98 -20.05 58.49 o

-6 13 1 52.70 98.59 60.15 o

-5 13 1 61.88 61.83 58.49 o

-4 13 1 749.83 731.92 75.21 o

-3 13 1 585.91 549.77 71.87 o

-2 13 1 178.77 96.91 53.47 o

-1 13 1 766.07 773.70 78.54 o

0 13 1 1140.50 1191.45 86.90 o

1 13 1 922.28 875.63 81.88 o

2 13 1 102.19 106.95 56.81 o

3 13 1 115.57 165.44 55.16 o

4 13 1 1675.29 1358.54 100.28 o

5 13 1 31.19 -8.36 56.81 o

6 13 1 9.06 8.36 61.83 o

-6 14 1 263.16 253.99 71.87 o

-5 14 1 1440.98 1442.11 111.97 o

-4 14 1 1026.43 1147.98 98.59 o

-3 14 1 165.06 105.26 61.83 o

-2 14 1 1632.43 1647.65 108.63 o

-1 14 1 1922.54 1878.25 110.28 o

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1 14 1 442.41 419.43 66.85 o

2 14 1 1011.86 920.75 90.23 o

3 14 1 1.07 61.83 60.15 o

4 14 1 2296.62 2234.17 128.68 o

5 14 1 2.78 46.80 61.83 o

-4 15 1 408.85 494.64 80.19 o

-3 15 1 508.22 598.22 81.88 o

-2 15 1 20.11 -15.03 56.81 o

-1 15 1 18.97 66.85 56.81 o

0 15 1 74.49 43.43 60.15 o

1 15 1 279.82 290.75 70.19 o

2 15 1 111.91 121.98 61.83 o

3 15 1 47.66 55.16 60.15 o

4 15 1 378.64 531.40 81.88 o

-1 16 1 64.98 53.47 63.52 o

0 16 1 601.31 588.21 81.88 o

1 16 1 390.24 312.49 73.52 o

-12 0 2 95.36 111.97 65.17 o

-11 0 2 15.08 28.40 56.81 o

-10 0 2 2465.98 2605.15 120.32 o

-9 0 2 5412.60 5599.62 158.74 o

-8 0 2 5024.12 5021.45 140.37 o

-7 0 2 3.96 23.38 45.12 o

-6 0 2 7360.87 7634.96 142.02 o

-5 0 2 30.13 16.71 35.08 o

-4 0 2 6584.47 6963.18 111.97 o

-3 0 2 5177.98 5611.34 91.92 o

-2 0 2 12212.79 13166.07 125.31 o

-1 0 2 33058.25 33611.15 182.15 o

0 0 2 12309.62 12223.59 111.97 o

1 0 2 4348.20 4581.97 76.86 o

2 0 2 372.25 479.58 38.45 o

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5 0 2 0.46 11.69 40.10 o

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8 0 2 2530.86 2336.10 106.95 o

9 0 2 9.78 23.38 46.80 o

10 0 2 884.46 1051.08 95.26 o

11 0 2 307.14 314.17 71.87 o

-12 1 2 7.03 -23.38 58.49 o

-11 1 2 171.62 145.39 65.17 o

-10 1 2 645.27 536.39 73.52 o

-9 1 2 1352.12 1303.42 86.90 o

-8 1 2 460.26 466.20 60.15 o

-7 1 2 79.25 70.19 46.80 o

-6 1 2 3985.01 4199.29 110.28 o

-5 1 2 1289.12 1420.37 63.52 o

-4 1 2 8999.64 9316.00 128.68 o

-3 1 2 1548.22 1737.88 56.81 o

-2 1 2 2640.87 2852.44 63.52 o

-1 1 2 13901.61 14466.12 121.98 o

0 1 2 5645.35 5450.92 76.86 o

1 1 2 5267.59 5531.12 85.21 o

2 1 2 2395.99 2433.04 63.52 o

3 1 2 2620.77 2703.75 73.52 o

4 1 2 3184.90 3380.51 88.55 o

5 1 2 1622.21 1527.32 71.87 o

6 1 2 5582.19 5295.52 132.02 o

7 1 2 332.47 456.20 60.15 o

8 1 2 3033.20 3395.53 125.31 o

9 1 2 120.34 145.39 60.15 o

10 1 2 418.15 611.60 76.86 o

11 1 2 461.77 626.62 83.56 o

-12 2 2 109.85 152.07 68.50 o

-11 2 2 277.82 401.04 65.17 o

-10 2 2 10.33 -18.40 53.47 o

-9 2 2 317.51 434.46 61.83 o

-8 2 2 941.40 893.99 75.21 o

-7 2 2 29.18 61.83 45.12 o

-6 2 2 1267.17 1288.36 70.19 o

-5 2 2 3658.55 3662.90 95.26 o

-4 2 2 489.50 459.53 41.78 o

-3 2 2 2295.41 2476.47 66.85 o

-2 2 2 1436.62 1513.94 51.79 o

-1 2 2 2534.38 2451.40 58.49 o

0 2 2 3371.47 3509.15 68.50 o

1 2 2 788.01 736.94 41.78 o

2 2 2 4240.00 4570.27 85.21 o

3 2 2 475.20 456.20 41.78 o

4 2 2 65.22 60.15 36.76 o

5 2 2 1555.14 1569.10 73.52 o

6 2 2 3835.22 3856.75 115.30 o

7 2 2 1.56 -20.05 46.80 o

8 2 2 152.04 90.23 51.79 o

9 2 2 1316.19 1199.81 91.92 o

10 2 2 102.56 91.92 61.83 o

11 2 2 229.72 232.26 73.52 o

-12 3 2 515.86 504.65 86.90 o

-11 3 2 972.11 897.33 91.92 o

-10 3 2 2.35 23.38 53.47 o

-9 3 2 3435.63 3502.48 132.02 o

-8 3 2 1785.95 1632.58 91.92 o

-7 3 2 293.23 319.16 55.16 o

-6 3 2 598.48 614.93 56.81 o

-5 3 2 41.17 51.79 36.76 o

-4 3 2 63.21 35.08 30.09 o

-3 3 2 13657.19 13871.24 152.07 o

-2 3 2 188.87 215.58 31.74 o

-1 3 2 483.96 397.70 35.08 o

0 3 2 9346.82 9503.17 110.28 o

1 3 2 4087.29 4114.08 80.19 o

2 3 2 398.32 414.41 40.10 o

3 3 2 3729.26 3809.95 90.23 o

4 3 2 1566.64 1408.68 68.50 o

5 3 2 454.32 384.32 50.14 o

6 3 2 2507.82 2285.96 93.57 o

7 3 2 78.28 85.21 46.80 o

8 3 2 812.28 743.61 76.86 o

9 3 2 899.71 825.49 83.56 o

10 3 2 111.15 73.52 58.49 o

11 3 2 27.58 3.34 63.52 o

-11 4 2 104.00 192.16 65.17 o

-10 4 2 0.15 16.71 53.47 o

-9 4 2 1413.22 1356.89 96.91 o

-8 4 2 2551.82 2608.49 108.63 o

-7 4 2 310.43 292.44 55.16 o

-6 4 2 3820.84 3682.95 108.63 o

-5 4 2 911.99 883.99 60.15 o

-4 4 2 83.79 113.62 36.76 o

-3 4 2 1001.15 962.53 51.79 o

-2 4 2 11.68 -30.09 30.09 o

-1 4 2 4.15 -13.38 30.09 o

0 4 2 1140.93 1081.17 48.45 o

1 4 2 1211.18 1106.24 51.79 o

2 4 2 300.10 312.49 38.45 o

3 4 2 655.61 645.02 50.14 o

4 4 2 27.50 46.80 38.45 o

5 4 2 3678.60 3641.17 108.63 o

6 4 2 1005.64 947.47 70.19 o

7 4 2 171.04 182.15 50.14 o

8 4 2 1105.41 1072.81 83.56 o

9 4 2 175.46 155.40 60.15 o

10 4 2 22.14 0.00 56.81 o

11 4 2 475.76 330.85 88.55 o

-11 5 2 33.04 10.04 56.81 o

-10 5 2 137.75 93.57 56.81 o

-9 5 2 99.13 76.86 55.16 o

-8 5 2 954.23 778.69 75.21 o

-7 5 2 444.47 382.67 58.49 o

-6 5 2 428.45 479.58 55.16 o

-5 5 2 79.75 127.00 45.12 o

-4 5 2 130.09 71.87 40.10 o

-3 5 2 247.97 304.13 40.10 o

-2 5 2 15261.63 15391.89 167.09 o

-1 5 2 5682.66 5673.17 100.28 o

0 5 2 316.29 375.97 38.45 o

1 5 2 8989.60 8998.52 128.68 o

2 5 2 3477.47 3799.94 91.92 o

3 5 2 4977.48 4957.97 110.28 o

4 5 2 875.58 790.41 61.83 o

5 5 2 2112.31 2285.96 91.92 o

6 5 2 1258.36 1256.62 81.88 o

7 5 2 1371.45 1313.43 86.90 o

8 5 2 54.96 33.43 50.14 o

9 5 2 3.55 16.71 51.79 o

10 5 2 37.44 53.47 60.15 o

-11 6 2 465.25 496.29 80.19 o

-10 6 2 1149.57 1031.03 95.26 o

-9 6 2 28.86 43.43 51.79 o

-8 6 2 1536.06 1492.25 95.26 o

-7 6 2 545.99 467.89 60.15 o

-6 6 2 434.32 461.22 56.81 o

-5 6 2 1828.66 1719.48 80.19 o

-4 6 2 1876.59 1849.85 78.54 o

-3 6 2 482.55 486.28 46.80 o

-2 6 2 669.65 768.68 51.79 o

-1 6 2 1367.32 1264.97 58.49 o

0 6 2 1704.09 1508.96 65.17 o

1 6 2 1598.82 1567.42 63.52 o

2 6 2 152.92 212.21 40.10 o

3 6 2 1365.40 1390.28 70.19 o

4 6 2 47.53 31.74 45.12 o

5 6 2 2343.80 2496.52 96.91 o

6 6 2 4689.76 4742.39 137.04 o

7 6 2 40.46 90.23 51.79 o

8 6 2 789.94 812.11 81.88 o

9 6 2 1908.15 2001.91 115.30 o

10 6 2 7.94 -28.40 53.47 o

-11 7 2 416.47 414.41 83.56 o

-10 7 2 879.20 910.71 93.57 o

-9 7 2 309.00 372.63 70.19 o

-8 7 2 189.03 223.90 60.15 o

-7 7 2 1094.46 1218.17 81.88 o

-6 7 2 69.97 61.83 45.12 o

-5 7 2 2285.56 2245.87 91.92 o

-4 7 2 1876.63 2195.73 88.55 o

-3 7 2 8396.03 8437.06 150.38 o

-2 7 2 13.64 13.38 38.45 o

-1 7 2 1228.55 1186.43 61.83 o

0 7 2 11400.52 11190.91 160.42 o

1 7 2 103.86 111.97 38.45 o

2 7 2 165.02 98.59 41.78 o

3 7 2 71.30 152.07 45.12 o

4 7 2 2220.36 2351.13 95.26 o

5 7 2 52.51 20.05 45.12 o

6 7 2 855.57 782.06 70.19 o

7 7 2 1531.26 1545.72 95.26 o

8 7 2 83.10 101.93 55.16 o

9 7 2 531.97 541.41 76.86 o

10 7 2 18.65 0.00 58.49 o

-10 8 2 1459.25 1542.35 111.97 o

-9 8 2 129.93 125.31 61.83 o

-8 8 2 920.86 1031.03 85.21 o

-7 8 2 1986.95 1821.41 103.61 o

-6 8 2 85.45 6.67 45.12 o

-5 8 2 1688.00 1864.88 90.23 o

-4 8 2 967.77 1000.94 68.50 o

-3 8 2 199.19 187.14 50.14 o

-2 8 2 777.67 837.18 61.83 o

-1 8 2 13141.01 13055.79 185.49 o

0 8 2 181.52 197.18 46.80 o

1 8 2 3199.83 3500.83 103.61 o

2 8 2 3288.07 3196.70 101.93 o

3 8 2 58.24 40.10 43.43 o

4 8 2 438.18 489.62 60.15 o

5 8 2 4000.66 3970.37 128.68 o

6 8 2 217.33 279.06 56.81 o

7 8 2 641.89 713.52 75.21 o

8 8 2 165.27 185.49 61.83 o

9 8 2 2.90 21.73 56.81 o

-10 9 2 301.83 238.96 78.54 o

-9 9 2 660.59 770.33 86.90 o

-8 9 2 21.07 20.05 51.79 o

-7 9 2 2790.32 2972.76 125.31 o

-6 9 2 175.27 130.33 55.16 o

-5 9 2 68.59 51.79 45.12 o

-4 9 2 1172.82 1310.09 80.19 o

-3 9 2 303.03 297.46 51.79 o

-2 9 2 4772.57 4635.44 127.00 o

-1 9 2 461.61 329.20 55.16 o

0 9 2 974.05 942.48 66.85 o

1 9 2 2067.18 1888.26 86.90 o

2 9 2 97.74 123.66 45.12 o

3 9 2 23.52 31.74 41.78 o

4 9 2 5762.54 6162.76 157.09 o

5 9 2 11.75 6.67 43.43 o

6 9 2 54.88 13.38 48.45 o

7 9 2 4408.00 5021.45 167.09 o

8 9 2 608.34 616.62 78.54 o

9 9 2 364.17 340.89 78.54 o

-9 10 2 160.61 205.54 66.85 o

-8 10 2 304.48 147.04 63.52 o

-7 10 2 308.40 218.92 65.17 o

-6 10 2 2056.06 2240.84 108.63 o

-5 10 2 295.14 280.75 56.81 o

-4 10 2 1983.67 2092.15 96.91 o

-3 10 2 1361.49 1224.88 81.88 o

-2 10 2 799.08 788.73 68.50 o

-1 10 2 2463.94 2727.13 101.93 o

0 10 2 182.51 96.91 48.45 o

1 10 2 1750.65 1819.76 86.90 o

2 10 2 622.77 711.87 66.85 o

3 10 2 2107.92 2242.53 101.93 o

4 10 2 91.51 98.59 51.79 o

5 10 2 56.39 25.07 51.79 o

6 10 2 646.85 795.40 81.88 o

7 10 2 294.64 464.55 71.87 o

8 10 2 2.63 50.14 60.15 o

-9 11 2 40.86 35.08 63.52 o

-8 11 2 620.83 598.22 83.56 o

-7 11 2 131.52 76.86 55.16 o

-6 11 2 40.14 33.43 48.45 o

-5 11 2 3.05 3.34 48.45 o

-4 11 2 300.69 180.47 58.49 o

-3 11 2 16.94 -26.72 43.43 o

-2 11 2 3304.67 3149.90 118.64 o

-1 11 2 2744.54 2915.96 111.97 o

0 11 2 5.69 25.07 43.43 o

1 11 2 4389.56 4431.58 137.04 o

2 11 2 477.10 456.20 58.49 o

3 11 2 796.71 733.57 73.52 o

4 11 2 2.09 -30.09 45.12 o

5 11 2 152.47 162.11 56.81 o

6 11 2 1189.01 1259.95 96.91 o

7 11 2 229.10 280.75 65.17 o

8 11 2 267.00 319.16 76.86 o

-8 12 2 18.29 -5.02 58.49 o

-7 12 2 1560.32 1625.91 113.62 o

-6 12 2 467.18 524.70 73.52 o

-5 12 2 141.59 123.66 51.79 o

-4 12 2 205.18 243.98 60.15 o

-3 12 2 412.62 467.89 66.85 o

-2 12 2 4.53 10.04 46.80 o

-1 12 2 1147.74 1106.24 81.88 o

0 12 2 116.13 217.23 55.16 o

1 12 2 19.66 11.69 46.80 o

2 12 2 504.64 523.05 68.50 o

3 12 2 161.17 101.93 58.49 o

4 12 2 229.50 227.27 56.81 o

5 12 2 3.49 -31.74 53.47 o

6 12 2 1429.91 1547.37 110.28 o

7 12 2 426.62 372.63 76.86 o

-7 13 2 26.15 50.14 61.83 o

-6 13 2 414.42 272.39 73.52 o

-5 13 2 68.26 55.16 60.15 o

-4 13 2 48.24 11.69 51.79 o

-3 13 2 2.10 53.47 51.79 o

-2 13 2 526.03 434.46 71.87 o

-1 13 2 791.54 758.64 81.88 o

0 13 2 7.18 3.34 46.80 o

1 13 2 708.47 574.83 73.52 o

2 13 2 28.94 15.03 50.14 o

3 13 2 47.06 56.81 51.79 o

4 13 2 119.50 128.68 60.15 o

5 13 2 419.28 314.17 73.52 o

6 13 2 0.71 -3.34 53.47 o

-5 14 2 0.62 -3.34 61.83 o

-4 14 2 139.63 145.39 68.50 o

-3 14 2 979.95 969.20 91.92 o

-2 14 2 44.36 36.76 56.81 o

-1 14 2 91.83 98.59 61.83 o

0 14 2 31.63 51.79 53.47 o

1 14 2 38.93 75.21 56.81 o

2 14 2 391.75 284.08 68.50 o

3 14 2 174.82 267.37 66.85 o

4 14 2 203.87 233.94 70.19 o

5 14 2 8.17 1.69 58.49 o

-4 15 2 938.19 967.51 93.57 o

-3 15 2 209.19 198.87 66.85 o

-2 15 2 1909.61 1899.95 121.98 o

-1 15 2 609.14 660.05 80.19 o

0 15 2 351.42 359.29 68.50 o

1 15 2 1348.95 1293.38 103.61 o

2 15 2 99.50 83.56 61.83 o

3 15 2 111.83 195.50 66.85 o

-12 1 3 186.02 274.04 71.87 o

-11 1 3 544.39 544.74 76.86 o

-10 1 3 357.44 245.64 61.83 o

-9 1 3 27.48 58.49 51.79 o

-8 1 3 366.34 362.62 60.15 o

-7 1 3 4497.47 4361.40 127.00 o

-6 1 3 131.97 103.61 46.80 o

-5 1 3 6562.24 6762.66 132.02 o

-4 1 3 11567.42 12039.79 160.42 o

-3 1 3 43.66 33.43 31.74 o

-2 1 3 17550.65 18102.31 172.11 o

-1 1 3 47.77 53.47 28.40 o

0 1 3 255.87 337.56 33.43 o

1 1 3 678.66 758.64 45.12 o

2 1 3 14871.10 14999.21 170.43 o

3 1 3 88.71 121.98 38.45 o

4 1 3 233.97 175.45 45.12 o

5 1 3 2857.04 2675.34 98.59 o

6 1 3 5.57 6.67 40.10 o

7 1 3 4601.23 4421.54 138.69 o

8 1 3 543.86 407.74 68.50 o

9 1 3 400.65 429.44 68.50 o

10 1 3 464.81 484.60 78.54 o

-12 2 3 1690.00 1560.75 120.32 o

-11 2 3 1072.43 857.23 90.23 o

-10 2 3 236.35 180.47 61.83 o

-9 2 3 370.03 432.81 65.17 o

-8 2 3 255.76 242.30 55.16 o

-7 2 3 1259.60 1147.98 75.21 o

-6 2 3 12069.07 11446.59 185.49 o

-5 2 3 154.72 170.43 43.43 o

-4 2 3 726.27 688.45 51.79 o

-3 2 3 7109.73 7180.45 118.64 o

-2 2 3 4834.10 5016.43 95.26 o

-1 2 3 5042.02 5136.75 93.57 o

0 2 3 2685.06 2905.91 71.87 o

1 2 3 3852.34 4199.29 90.23 o

2 2 3 9224.28 9197.36 137.04 o

3 2 3 14635.91 14456.12 182.15 o

4 2 3 3564.25 3896.85 108.63 o

5 2 3 1098.16 1224.88 73.52 o

6 2 3 1622.37 1539.01 81.88 o

7 2 3 1222.05 1136.29 83.56 o

8 2 3 484.19 573.15 66.85 o

9 2 3 276.31 344.23 66.85 o

10 2 3 1076.62 1139.63 98.59 o

-11 3 3 40.37 20.05 60.15 o

-10 3 3 164.03 140.37 56.81 o

-9 3 3 1067.76 975.87 86.90 o

-8 3 3 2152.55 2153.95 105.26 o

-7 3 3 449.47 384.32 58.49 o

-6 3 3 435.37 456.20 53.47 o

-5 3 3 1515.35 1513.94 73.52 o

-4 3 3 1006.53 1121.26 60.15 o

-3 3 3 16.26 13.38 33.43 o

-2 3 3 2799.18 2740.51 75.21 o

-1 3 3 6454.96 7036.74 113.62 o

0 3 3 5211.00 5377.40 100.28 o

1 3 3 1421.79 1473.85 60.15 o

2 3 3 181.36 137.04 35.08 o

3 3 3 5300.74 5607.97 118.64 o

4 3 3 1.29 -13.38 40.10 o

5 3 3 48.21 50.14 41.78 o

6 3 3 209.25 233.94 53.47 o

7 3 3 1685.83 1639.29 95.26 o

8 3 3 693.52 770.33 75.21 o

9 3 3 213.70 177.13 63.52 o

10 3 3 1387.32 1679.39 110.28 o

-11 4 3 301.95 262.35 73.52 o

-10 4 3 341.17 467.89 70.19 o

-9 4 3 1438.44 1442.11 95.26 o

-8 4 3 416.01 419.43 61.83 o

-7 4 3 1571.19 1600.84 86.90 o

-6 4 3 7156.82 7511.30 155.40 o

-5 4 3 6159.99 5962.24 133.67 o

-4 4 3 5550.66 5746.70 123.66 o

-3 4 3 10399.35 10708.00 155.40 o

-2 4 3 1866.16 1920.00 70.19 o

-1 4 3 283.40 290.75 38.45 o

0 4 3 7472.59 7944.11 127.00 o

1 4 3 680.40 728.58 50.14 o

2 4 3 2857.87 3158.26 88.55 o

3 4 3 4994.04 4962.95 116.99 o

4 4 3 367.81 309.15 53.47 o

5 4 3 1481.80 1495.58 81.88 o

6 4 3 2830.01 2670.32 108.63 o

7 4 3 496.06 534.74 66.85 o

8 4 3 891.52 917.41 81.88 o

9 4 3 574.34 496.29 75.21 o

10 4 3 449.46 436.15 85.21 o

-11 5 3 1950.50 1960.13 123.66 o

-10 5 3 1.28 21.73 50.14 o

-9 5 3 302.43 359.29 65.17 o

-8 5 3 857.74 889.01 78.54 o

-7 5 3 1961.57 1829.77 90.23 o

-6 5 3 3.11 48.45 41.78 o

-5 5 3 106.41 98.59 45.12 o

-4 5 3 1839.69 1761.27 78.54 o

-3 5 3 636.15 726.90 56.81 o

-2 5 3 683.94 624.97 48.45 o

-1 5 3 8514.89 8746.18 137.04 o

0 5 3 1773.37 1788.02 68.50 o

1 5 3 1735.54 1634.27 70.19 o

2 5 3 17665.20 17644.43 208.87 o

3 5 3 671.96 705.17 60.15 o

4 5 3 50.22 58.49 45.12 o

5 5 3 6866.15 6672.43 157.09 o

6 5 3 3586.58 3751.45 127.00 o

7 5 3 4.35 65.17 48.45 o

8 5 3 1061.98 1106.24 90.23 o

9 5 3 747.67 666.75 85.21 o

10 5 3 10.80 -8.36 60.15 o

-11 6 3 187.63 243.98 61.83 o

-10 6 3 2113.01 1943.42 118.64 o

-9 6 3 12.29 -20.05 51.79 o

-8 6 3 53.24 45.12 50.14 o

-7 6 3 133.48 93.57 48.45 o

-6 6 3 3853.36 3856.75 123.66 o

-5 6 3 2222.90 2262.58 91.92 o

-4 6 3 2999.39 2984.46 100.28 o

-3 6 3 15526.82 16195.65 205.54 o

-2 6 3 565.26 566.48 50.14 o

-1 6 3 418.05 374.32 46.80 o

0 6 3 26.82 25.07 40.10 o

1 6 3 3970.85 3973.70 105.26 o

2 6 3 589.56 529.72 55.16 o

3 6 3 752.96 751.97 61.83 o

4 6 3 2367.86 2428.02 98.59 o

5 6 3 102.05 153.75 46.80 o

6 6 3 338.81 374.32 61.83 o

7 6 3 497.01 461.22 65.17 o

8 6 3 43.71 80.19 51.79 o

9 6 3 329.71 406.06 75.21 o

-10 7 3 110.67 95.26 65.17 o

-9 7 3 33.65 6.67 55.16 o

-8 7 3 398.69 459.53 66.85 o

-7 7 3 2579.13 2384.55 106.95 o

-6 7 3 303.85 314.17 53.47 o

-5 7 3 2216.91 2217.46 96.91 o

-4 7 3 2797.05 2910.93 101.93 o

-3 7 3 1036.38 1046.06 70.19 o

-2 7 3 5667.36 5855.29 132.02 o

-1 7 3 120.08 83.56 43.43 o

0 7 3 249.36 233.94 46.80 o

1 7 3 1342.32 1216.52 71.87 o

2 7 3 0.90 16.71 41.78 o

3 7 3 1709.35 1657.65 83.56 o

4 7 3 6597.27 6543.78 157.09 o

5 7 3 423.79 406.06 56.81 o

6 7 3 280.61 364.28 61.83 o

7 7 3 268.40 324.18 63.52 o

8 7 3 350.92 349.25 68.50 o

9 7 3 1399.64 1482.20 110.28 o

-10 8 3 335.02 332.53 73.52 o

-9 8 3 31.27 41.78 55.16 o

-8 8 3 156.99 137.04 60.15 o

-7 8 3 17.54 75.21 48.45 o

-6 8 3 952.55 738.59 75.21 o

-5 8 3 792.44 845.54 70.19 o

-4 8 3 1349.67 1268.31 76.86 o

-3 8 3 2000.32 1873.23 88.55 o

-2 8 3 19.62 15.03 43.43 o

-1 8 3 90.63 115.30 45.12 o

0 8 3 500.97 469.57 55.16 o

1 8 3 2300.74 2294.32 93.57 o

2 8 3 22.65 8.36 43.43 o

3 8 3 1864.69 1793.01 88.55 o

4 8 3 929.25 830.51 73.52 o

5 8 3 336.01 275.73 60.15 o

6 8 3 1182.58 1178.07 88.55 o

7 8 3 16.00 8.36 53.47 o

8 8 3 3.98 1.69 60.15 o

9 8 3 81.77 28.40 66.85 o

-9 9 3 346.69 218.92 63.52 o

-8 9 3 96.88 110.28 58.49 o

-7 9 3 1.95 20.05 50.14 o

-6 9 3 4.98 -28.40 46.80 o

-5 9 3 11.12 35.08 45.12 o

-4 9 3 11.40 3.34 45.12 o

-3 9 3 311.28 238.96 53.47 o

-2 9 3 26.58 -6.67 41.78 o

-1 9 3 197.33 255.68 46.80 o

0 9 3 258.74 282.40 50.14 o

1 9 3 1449.43 1412.02 80.19 o

2 9 3 1354.30 1249.95 80.19 o

3 9 3 589.65 514.69 65.17 o

4 9 3 0.56 -20.05 43.43 o

5 9 3 75.08 75.21 50.14 o

6 9 3 290.16 344.23 61.83 o

7 9 3 5.92 33.43 56.81 o

8 9 3 465.68 416.10 80.19 o

-9 10 3 34.52 -15.03 60.15 o

-8 10 3 6.62 28.40 56.81 o

-7 10 3 191.90 175.45 56.81 o

-6 10 3 327.42 369.30 65.17 o

-5 10 3 2670.93 2717.09 120.32 o

-4 10 3 2967.78 2760.55 116.99 o

-3 10 3 713.97 626.62 68.50 o

-2 10 3 433.95 417.75 58.49 o

-1 10 3 135.81 242.30 48.45 o

0 10 3 39.30 21.73 46.80 o

1 10 3 6703.10 6264.72 158.74 o

2 10 3 186.97 188.83 51.79 o

3 10 3 121.97 153.75 53.47 o

4 10 3 2887.38 2907.60 123.66 o

5 10 3 383.95 394.36 61.83 o

6 10 3 122.20 86.90 53.47 o

7 10 3 229.31 292.44 75.21 o

-8 11 3 257.56 275.73 71.87 o

-7 11 3 2181.83 2259.24 121.98 o

-6 11 3 3.44 -8.36 50.14 o

-5 11 3 1703.39 1677.70 103.61 o

-4 11 3 1493.72 1532.34 96.91 o

-3 11 3 155.69 269.02 53.47 o

-2 11 3 1393.54 1517.31 91.92 o

-1 11 3 518.97 569.81 66.85 o

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3 11 3 64.85 31.74 50.14 o

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5 11 3 45.49 21.73 50.14 o

6 11 3 97.32 138.69 61.83 o

7 11 3 38.66 120.32 60.15 o

-7 12 3 66.49 148.73 58.49 o

-6 12 3 416.84 386.01 73.52 o

-5 12 3 78.12 51.79 56.81 o

-4 12 3 884.58 822.16 80.19 o

-3 12 3 326.57 382.67 65.17 o

-2 12 3 496.43 564.79 66.85 o

-1 12 3 90.09 106.95 46.80 o

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3 12 3 430.79 396.05 65.17 o

4 12 3 60.47 60.15 55.16 o

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6 12 3 87.19 132.02 66.85 o

-6 13 3 140.48 193.85 63.52 o

-5 13 3 49.97 101.93 55.16 o

-4 13 3 1.53 15.03 51.79 o

-3 13 3 214.61 178.78 63.52 o

-2 13 3 244.15 157.09 61.83 o

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2 13 3 596.95 631.64 85.21 o

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4 13 3 271.11 436.15 73.52 o

5 13 3 967.92 977.56 95.26 o

-5 14 3 2073.25 2005.25 128.68 o

-4 14 3 1217.70 1194.79 103.61 o

-3 14 3 347.14 452.86 71.87 o

-2 14 3 1113.49 1313.43 100.28 o

-1 14 3 59.43 106.95 61.83 o

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1 14 3 3.07 28.40 55.16 o

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-2 15 3 131.98 45.12 65.17 o

-1 15 3 57.79 90.23 63.52 o

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-11 0 4 1248.83 1072.81 98.59 o

-10 0 4 1279.85 1370.24 100.28 o

-9 0 4 1337.83 1288.36 91.92 o

-8 0 4 1764.52 2023.61 101.93 o

-7 0 4 8381.56 8303.36 178.78 o

-6 0 4 31.10 26.72 41.78 o

-5 0 4 378.71 411.08 51.79 o

-4 0 4 218.96 172.11 45.12 o

-3 0 4 7574.31 8092.80 142.02 o

-2 0 4 1194.75 1517.31 61.83 o

-1 0 4 18872.09 18740.66 198.87 o

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6 0 4 202.14 183.81 50.14 o

7 0 4 528.69 568.16 75.21 o

8 0 4 1272.48 1400.33 96.91 o

9 0 4 279.52 287.42 70.19 o

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-10 1 4 152.58 210.56 60.15 o

-9 1 4 143.51 153.75 55.16 o

-8 1 4 1878.55 2028.63 103.61 o

-7 1 4 188.95 158.74 51.79 o

-6 1 4 638.62 658.40 63.52 o

-5 1 4 2559.93 2740.51 96.91 o

-4 1 4 131.66 88.55 43.43 o

-3 1 4 2218.71 2232.49 80.19 o

-2 1 4 1479.22 1604.18 65.17 o

-1 1 4 533.48 586.53 46.80 o

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7 1 4 2262.68 2235.86 111.97 o

8 1 4 1185.01 1280.00 93.57 o

9 1 4 2159.27 2252.54 130.33 o

-11 2 4 32.44 41.78 58.49 o

-10 2 4 66.36 30.09 55.16 o

-9 2 4 254.04 310.80 61.83 o

-8 2 4 4.55 -16.71 48.45 o

-7 2 4 1789.30 1793.01 91.92 o

-6 2 4 509.03 589.86 61.83 o

-5 2 4 162.73 132.02 48.45 o

-4 2 4 1950.02 2015.26 81.88 o

-3 2 4 149.81 142.02 38.45 o

-2 2 4 634.03 698.49 51.79 o

-1 2 4 6357.14 6338.24 121.98 o

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9 2 4 10.38 20.05 55.16 o

-11 3 4 299.08 292.44 71.87 o

-10 3 4 217.80 253.99 66.85 o

-9 3 4 5114.51 5215.29 167.09 o

-8 3 4 2.07 -40.10 48.45 o

-7 3 4 45.31 86.90 46.80 o

-6 3 4 2468.05 2436.38 98.59 o

-5 3 4 34.81 93.57 43.43 o

-4 3 4 2.14 40.10 41.78 o

-3 3 4 4727.44 4515.15 111.97 o

-2 3 4 41.49 100.28 36.76 o

-1 3 4 2473.92 2633.56 83.56 o

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-10 4 4 96.72 55.16 61.83 o

-9 4 4 260.52 208.87 61.83 o

-8 4 4 4.93 65.17 50.14 o

-7 4 4 612.70 588.21 63.52 o

-6 4 4 10.40 65.17 43.43 o

-5 4 4 207.58 205.54 50.14 o

-4 4 4 1876.09 1838.12 83.56 o

-3 4 4 2655.40 2583.42 93.57 o

-2 4 4 2227.41 2304.36 85.21 o

-1 4 4 7294.51 7083.51 133.67 o

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2 4 4 349.75 374.32 48.45 o

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-11 5 4 22.49 -46.80 58.49 o

-10 5 4 1927.43 1911.65 121.98 o

-9 5 4 57.72 48.45 55.16 o

-8 5 4 1440.41 1535.68 95.26 o

-7 5 4 1962.74 2038.68 100.28 o

-6 5 4 46.07 13.38 43.43 o

-5 5 4 120.06 142.02 45.12 o

-4 5 4 410.53 382.67 55.16 o

-3 5 4 60.40 73.52 41.78 o

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2 5 4 2994.58 2930.98 101.93 o

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6 5 4 548.95 494.64 68.50 o

7 5 4 216.49 202.20 61.83 o

8 5 4 104.13 80.19 65.17 o

9 5 4 1.31 -46.80 56.81 o

-10 6 4 476.45 518.03 75.21 o

-9 6 4 234.94 260.70 61.83 o

-8 6 4 334.88 319.16 61.83 o

-7 6 4 52.21 21.73 50.14 o

-6 6 4 223.51 212.21 55.16 o

-5 6 4 697.13 606.58 63.52 o

-4 6 4 2806.11 2725.44 103.61 o

-3 6 4 459.67 523.05 56.81 o

-2 6 4 1935.40 1831.45 83.56 o

-1 6 4 7096.35 6603.93 142.02 o

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1 6 4 1122.73 1131.31 68.50 o

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3 6 4 380.21 424.45 55.16 o

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6 6 4 10.44 -5.02 46.80 o

7 6 4 961.56 930.75 85.21 o

8 6 4 2186.35 2098.82 128.68 o

-10 7 4 10.63 35.08 56.81 o

-9 7 4 2892.31 3310.32 147.04 o

-8 7 4 76.94 70.19 55.16 o

-7 7 4 111.74 153.75 55.16 o

-6 7 4 3528.08 3240.13 127.00 o

-5 7 4 1228.77 1266.66 83.56 o

-4 7 4 1160.49 1171.40 75.21 o

-3 7 4 226.16 148.73 50.14 o

-2 7 4 1292.64 1295.06 75.21 o

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1 7 4 1326.07 1438.77 78.54 o

2 7 4 328.34 279.06 51.79 o

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5 7 4 74.06 147.04 53.47 o

6 7 4 18.67 -8.36 46.80 o

7 7 4 17.35 31.74 56.81 o

8 7 4 50.33 70.19 56.81 o

-9 8 4 184.97 108.63 68.50 o

-8 8 4 2477.86 2287.65 123.66 o

-7 8 4 451.80 509.67 70.19 o

-6 8 4 125.38 205.54 55.16 o

-5 8 4 17.60 -11.69 48.45 o

-4 8 4 1241.93 1350.19 81.88 o

-3 8 4 365.08 324.18 53.47 o

-2 8 4 4229.62 3875.11 123.66 o

-1 8 4 1575.84 1617.56 83.56 o

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6 8 4 2288.06 2015.26 118.64 o

7 8 4 104.44 113.62 61.83 o

8 8 4 344.98 437.80 80.19 o

-9 9 4 488.84 456.20 80.19 o

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-7 9 4 1674.97 1786.33 110.28 o

-6 9 4 49.15 71.87 53.47 o

-5 9 4 1170.82 1134.64 85.21 o

-4 9 4 13.67 68.50 43.43 o

-3 9 4 328.70 275.73 55.16 o

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6 9 4 1652.53 1931.73 115.30 o

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-8 10 4 995.75 1363.56 105.26 o

-7 10 4 1377.68 1325.12 100.28 o

-6 10 4 475.23 365.96 71.87 o

-5 10 4 162.77 111.97 53.47 o

-4 10 4 337.04 362.62 65.17 o

-3 10 4 841.80 812.11 76.86 o

-2 10 4 263.19 257.33 56.81 o

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-4 11 4 46.11 56.81 53.47 o

-3 11 4 122.81 120.32 56.81 o

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-3 12 4 1271.40 1405.35 100.28 o

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-1 12 4 0.15 28.40 48.45 o

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4 12 4 682.29 887.32 93.57 o

5 12 4 184.77 205.54 65.17 o

-5 13 4 0.31 5.02 60.15 o

-4 13 4 81.28 78.54 61.83 o

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-3 14 4 239.02 402.72 71.87 o

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-11 1 5 29.53 16.71 63.52 o

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-9 1 5 2.67 -13.38 50.14 o

-8 1 5 47.66 1.69 50.14 o

-7 1 5 195.83 197.18 53.47 o

-6 1 5 7959.90 8052.71 180.47 o

-5 1 5 93.59 106.95 46.80 o

-4 1 5 3271.13 3042.95 106.95 o

-3 1 5 5269.70 5303.84 133.67 o

-2 1 5 587.63 730.24 58.49 o

-1 1 5 509.46 536.39 53.47 o

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1 1 5 493.34 511.32 55.16 o

2 1 5 3790.49 3667.92 115.30 o

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4 1 5 85.43 95.26 50.14 o

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-10 2 5 14.48 -21.73 58.49 o

-9 2 5 66.70 56.81 58.49 o

-8 2 5 7.98 -11.69 50.14 o

-7 2 5 45.42 73.52 48.45 o

-6 2 5 3160.95 3198.35 120.32 o

-5 2 5 199.52 203.85 48.45 o

-4 2 5 11.48 0.00 40.10 o

-3 2 5 8.18 28.40 40.10 o

-2 2 5 24.20 66.85 40.10 o

-1 2 5 1029.26 1223.19 66.85 o

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3 2 5 1106.60 1151.35 71.87 o

4 2 5 755.22 825.49 71.87 o

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7 2 5 251.63 280.75 63.52 o

8 2 5 2331.71 2020.28 127.00 o

-10 3 5 1236.59 1064.46 101.93 o

-9 3 5 138.92 203.85 56.81 o

-8 3 5 275.11 322.49 65.17 o

-7 3 5 59.20 68.50 48.45 o

-6 3 5 3775.13 3716.38 128.68 o

-5 3 5 837.06 863.94 68.50 o

-4 3 5 370.68 359.29 53.47 o

-3 3 5 1865.46 1936.71 86.90 o

-2 3 5 1311.55 1495.58 75.21 o

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-4 4 5 7476.12 7910.68 168.78 o

-3 4 5 379.82 427.79 55.16 o

-2 4 5 407.56 579.86 55.16 o

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6 4 5 22.30 85.21 50.14 o

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8 4 5 154.47 167.09 65.17 o

-10 5 5 7.37 -41.78 58.49 o

-9 5 5 75.10 101.93 58.49 o

-8 5 5 285.23 307.47 61.83 o

-7 5 5 1724.50 1739.53 98.59 o

-6 5 5 133.47 90.23 46.80 o

-5 5 5 170.72 121.98 53.47 o

-4 5 5 3715.05 3527.55 118.64 o

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-2 5 5 667.16 768.68 63.52 o

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4 5 5 2991.99 2660.28 118.64 o

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-9 6 5 306.31 364.28 70.19 o

-8 6 5 448.82 431.13 66.85 o

-7 6 5 3.23 38.45 50.14 o

-6 6 5 133.65 75.21 51.79 o

-5 6 5 501.92 496.29 61.83 o

-4 6 5 954.55 1002.63 75.21 o

-3 6 5 512.36 544.74 60.15 o

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-1 6 5 163.85 163.76 46.80 o

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-9 7 5 470.79 546.43 80.19 o

-8 7 5 861.68 815.45 86.90 o

-7 7 5 304.73 342.58 65.17 o

-6 7 5 873.09 960.84 78.54 o

-5 7 5 4502.75 4338.01 147.04 o

-4 7 5 623.35 549.77 68.50 o

-3 7 5 1701.37 1913.33 93.57 o

-2 7 5 418.20 499.63 60.15 o

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-5 8 5 62.72 43.43 51.79 o

-4 8 5 525.97 541.41 66.85 o

-3 8 5 2190.02 2304.36 106.95 o

-2 8 5 7.79 15.03 46.80 o

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2 8 5 690.53 633.33 71.87 o

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5 8 5 163.86 188.83 58.49 o

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-8 9 5 147.66 120.32 61.83 o

-7 9 5 454.24 457.88 75.21 o

-6 9 5 100.64 111.97 56.81 o

-5 9 5 467.71 412.73 70.19 o

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-2 9 5 247.54 235.63 55.16 o

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-4 12 5 1313.40 1430.42 103.61 o

-3 12 5 117.02 65.17 55.16 o

-2 12 5 92.30 76.86 60.15 o

-1 12 5 2621.46 2723.79 135.35 o

0 12 5 74.45 26.72 58.49 o

1 12 5 228.31 257.33 68.50 o

2 12 5 174.57 153.75 61.83 o

3 12 5 1043.51 1076.15 100.28 o

-3 13 5 250.59 220.57 66.85 o

-2 13 5 118.92 142.02 65.17 o

-1 13 5 118.63 106.95 65.17 o

0 13 5 119.45 96.91 58.49 o

-10 0 6 140.56 96.91 63.52 o

-9 0 6 11324.50 11506.74 262.35 o

-8 0 6 33.51 73.52 58.49 o

-7 0 6 41.20 38.45 50.14 o

-6 0 6 1979.68 2073.75 101.93 o

-5 0 6 600.82 758.64 70.19 o

-4 0 6 851.38 899.01 66.85 o

-3 0 6 3290.42 3335.39 116.99 o

-2 0 6 1.98 0.00 40.10 o

-1 0 6 55.36 81.88 41.78 o

0 0 6 5284.45 4966.32 138.69 o

1 0 6 488.66 436.15 56.81 o

2 0 6 1624.40 1843.14 93.57 o

3 0 6 2123.96 2162.30 110.28 o

4 0 6 1343.07 1271.64 91.92 o

5 0 6 1679.81 1649.30 105.26 o

6 0 6 30.93 95.26 55.16 o

7 0 6 614.38 656.71 81.88 o

-10 1 6 18.59 25.07 68.50 o

-9 1 6 3.45 43.43 56.81 o

-8 1 6 7.48 -41.78 55.16 o

-7 1 6 83.78 -13.38 53.47 o

-6 1 6 1195.94 1246.58 85.21 o

-5 1 6 1.49 18.40 45.12 o

-4 1 6 4115.46 3967.03 133.67 o

-3 1 6 1831.88 1921.69 91.92 o

-2 1 6 408.64 434.46 53.47 o

-1 1 6 7548.48 7350.88 165.44 o

0 1 6 1040.69 1096.20 73.52 o

1 1 6 178.66 198.87 48.45 o

2 1 6 1.75 -33.43 45.12 o

3 1 6 1812.84 1906.66 101.93 o

4 1 6 20.86 130.33 50.14 o

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6 1 6 261.65 312.49 65.17 o

7 1 6 230.25 280.75 66.85 o

-10 2 6 41.03 88.55 65.17 o

-9 2 6 24.23 6.67 56.81 o

-8 2 6 179.87 187.14 65.17 o

-7 2 6 12.57 30.09 48.45 o

-6 2 6 74.81 73.52 48.45 o

-5 2 6 1227.23 1418.72 85.21 o

-4 2 6 270.85 290.75 55.16 o

-3 2 6 2967.89 3039.62 111.97 o

-2 2 6 4876.83 4919.52 138.69 o

-1 2 6 1113.59 1278.35 76.86 o

0 2 6 742.32 795.40 66.85 o

1 2 6 68.07 116.99 50.14 o

2 2 6 462.32 539.76 63.52 o

3 2 6 3.93 -20.05 46.80 o

4 2 6 2.84 -26.72 51.79 o

5 2 6 60.41 48.45 55.16 o

6 2 6 1231.88 1276.67 101.93 o

7 2 6 233.59 375.97 71.87 o

-9 3 6 45.24 63.52 65.17 o

-8 3 6 1574.02 1639.29 108.63 o

-7 3 6 1168.51 1121.26 88.55 o

-6 3 6 227.50 253.99 56.81 o

-5 3 6 240.00 215.58 56.81 o

-4 3 6 1288.74 1325.12 81.88 o

-3 3 6 93.74 113.62 50.14 o

-2 3 6 24.23 40.10 46.80 o

-1 3 6 7202.34 6458.53 158.74 o

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1 3 6 2332.26 2302.67 103.61 o

2 3 6 552.90 521.36 65.17 o

3 3 6 8.40 0.00 45.12 o

4 3 6 1740.64 1811.40 105.26 o

5 3 6 2369.71 2279.29 121.98 o

6 3 6 282.10 377.65 70.19 o

7 3 6 332.23 235.63 73.52 o

-9 4 6 2674.16 2899.24 143.71 o

-8 4 6 71.83 51.79 60.15 o

-7 4 6 183.46 153.75 55.16 o

-6 4 6 218.17 228.92 61.83 o

-5 4 6 47.71 45.12 48.45 o

-4 4 6 1805.32 1769.62 93.57 o

-3 4 6 2039.49 2102.16 98.59 o

-2 4 6 38.12 30.09 45.12 o

-1 4 6 340.16 382.67 55.16 o

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2 4 6 225.92 240.61 55.16 o

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4 4 6 155.15 152.07 58.49 o

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6 4 6 23.34 25.07 53.47 o

-9 5 6 272.05 218.92 66.85 o

-8 5 6 272.95 280.75 68.50 o

-7 5 6 2.43 -56.81 56.81 o

-6 5 6 100.89 158.74 56.81 o

-5 5 6 8.46 -18.40 45.12 o

-4 5 6 41.76 36.76 48.45 o

-3 5 6 836.15 793.75 73.52 o

-2 5 6 2462.52 2603.47 110.28 o

-1 5 6 4.08 -11.69 45.12 o

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2 5 6 742.15 785.39 73.52 o

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4 5 6 885.27 872.29 83.56 o

5 5 6 198.38 242.30 63.52 o

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-8 6 6 5.78 1.69 56.81 o

-7 6 6 39.26 90.23 56.81 o

-6 6 6 53.25 33.43 51.79 o

-5 6 6 1707.85 1777.98 98.59 o

-4 6 6 4.84 15.03 46.80 o

-3 6 6 1963.76 1729.52 96.91 o

-2 6 6 4602.48 4424.88 145.39 o

-1 6 6 855.01 758.64 73.52 o

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4 6 6 275.98 264.03 68.50 o

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-8 7 6 472.11 606.58 81.88 o

-7 7 6 1301.38 1224.88 100.28 o

-6 7 6 625.95 645.02 78.54 o

-5 7 6 669.21 733.57 76.86 o

-4 7 6 149.31 165.44 56.81 o

-3 7 6 1079.25 1131.31 85.21 o

-2 7 6 0.64 -31.74 48.45 o

-1 7 6 1210.84 1127.94 83.56 o

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4 7 6 1637.96 1572.44 106.95 o

5 7 6 679.89 690.14 83.56 o

-7 8 6 299.66 212.21 68.50 o

-6 8 6 249.51 294.09 71.87 o

-5 8 6 40.63 68.50 51.79 o

-4 8 6 241.74 339.21 65.17 o

-3 8 6 182.90 215.58 58.49 o

-2 8 6 66.32 96.91 51.79 o

-1 8 6 2972.01 3012.86 128.68 o

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2 8 6 1416.28 1415.35 101.93 o

3 8 6 190.36 208.87 60.15 o

4 8 6 95.62 116.99 56.81 o

5 8 6 2016.01 2382.90 130.33 o

-7 9 6 111.48 111.97 56.81 o

-6 9 6 88.03 101.93 60.15 o

-5 9 6 403.51 407.74 71.87 o

-4 9 6 1292.28 1266.66 100.28 o

-3 9 6 3810.96 3594.40 148.73 o

-2 9 6 1753.00 1515.63 103.61 o

-1 9 6 1175.77 1116.24 91.92 o

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-4 10 6 651.67 511.32 81.88 o

-3 10 6 86.28 98.59 61.83 o

-2 10 6 9.44 28.40 51.79 o

-1 10 6 356.02 347.56 75.21 o

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3 10 6 150.40 187.14 66.85 o

-4 11 6 234.26 243.98 73.52 o

-3 11 6 127.95 150.38 63.52 o

-2 11 6 561.31 544.74 76.86 o

-1 11 6 3.35 23.38 51.79 o

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-8 1 7 70.56 157.09 66.85 o

-7 1 7 551.34 421.08 75.21 o

-6 1 7 2716.33 2869.15 127.00 o

-5 1 7 203.59 121.98 53.47 o

-4 1 7 925.10 1049.39 80.19 o

-3 1 7 1969.85 1976.85 101.93 o

-2 1 7 710.45 655.03 68.50 o

-1 1 7 108.22 133.67 50.14 o

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4 1 7 291.52 267.37 68.50 o

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-7 2 7 5258.14 4772.48 173.80 o

-6 2 7 267.99 195.50 63.52 o

-5 2 7 14.44 18.40 55.16 o

-4 2 7 2762.28 2463.10 116.99 o

-3 2 7 1.91 -36.76 48.45 o

-2 2 7 345.44 322.49 58.49 o

-1 2 7 987.36 924.08 78.54 o

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2 2 7 8828.27 8428.71 210.56 o

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-8 3 7 1175.09 1330.14 103.61 o

-7 3 7 91.90 103.61 66.85 o

-6 3 7 27.61 68.50 55.16 o

-5 3 7 456.88 519.68 71.87 o

-4 3 7 538.09 596.57 70.19 o

-3 3 7 31.40 10.04 46.80 o

-2 3 7 288.55 270.70 56.81 o

-1 3 7 759.55 703.52 73.52 o

0 3 7 1319.13 1465.49 91.92 o

1 3 7 294.75 274.04 58.49 o

2 3 7 73.73 73.52 48.45 o

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5 3 7 307.19 305.82 71.87 o

-8 4 7 355.20 248.97 75.21 o

-7 4 7 26.73 -10.04 58.49 o

-6 4 7 127.26 135.35 58.49 o

-5 4 7 3506.90 3412.25 140.37 o

-4 4 7 207.85 223.90 58.49 o

-3 4 7 832.44 792.07 78.54 o

-2 4 7 2325.70 2306.01 111.97 o

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-6 5 7 1805.09 1930.04 116.99 o

-5 5 7 918.93 873.94 85.21 o

-4 5 7 38.90 35.08 48.45 o

-3 5 7 619.26 661.73 80.19 o

-2 5 7 66.47 91.92 55.16 o

-1 5 7 1115.44 1169.72 86.90 o

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-7 6 7 6.65 1.69 56.81 o

-6 6 7 2260.86 2354.50 127.00 o

-5 6 7 87.54 73.52 56.81 o

-4 6 7 506.93 503.00 73.52 o

-3 6 7 291.85 320.84 63.52 o

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-5 7 7 152.72 138.69 66.85 o

-4 7 7 340.26 377.65 71.87 o

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-2 7 7 408.87 486.28 71.87 o

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-4 8 7 1036.64 1004.28 95.26 o

-3 8 7 145.89 245.64 66.85 o

-2 8 7 104.60 63.52 63.52 o

-1 8 7 2.75 -16.71 53.47 o

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-5 0 8 334.13 384.32 75.21 o

-4 0 8 545.72 487.94 75.21 o

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-1 0 8 664.48 695.16 80.19 o

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-5 1 8 286.85 297.46 71.87 o

-4 1 8 1066.58 1233.23 96.91 o

-3 1 8 624.79 631.64 78.54 o

-2 1 8 606.79 578.17 80.19 o

-1 1 8 1268.99 1181.41 96.91 o

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-6 2 8 6.38 8.36 60.15 o

-5 2 8 3.25 73.52 56.81 o

-4 2 8 1300.69 1256.62 96.91 o

-3 2 8 1407.30 1171.40 100.28 o

-2 2 8 356.22 342.58 68.50 o

-1 2 8 259.39 125.31 61.83 o

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-5 3 8 20.63 40.10 58.49 o

-4 3 8 312.60 382.67 71.87 o

-3 3 8 405.19 387.69 71.87 o

-2 3 8 420.71 382.67 70.19 o

-1 3 8 341.36 302.45 66.85 o

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-5 4 8 3.63 25.07 56.81 o

-4 4 8 737.56 696.81 83.56 o

-3 4 8 384.84 272.39 66.85 o

-2 4 8 497.68 454.51 73.52 o

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-4 5 8 391.83 471.22 80.19 o

-3 5 8 551.88 519.68 80.19 o

-2 5 8 927.17 870.61 93.57 o

-1 5 8 124.15 70.19 61.83 o

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-2 6 8 46.54 8.36 61.83 o

-1 6 8 805.14 678.45 90.23 o