#

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

#

data\_b3

\_shelx\_title ' P21c in P2(1)/c'

\_shelx\_refln\_list\_code 4

\_shelx\_F\_calc\_maximum 181.50

\_exptl\_crystal\_F\_000 708.73

\_reflns\_d\_resolution\_high 0.7095

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 8.7919

\_cell\_length\_b 11.5414

\_cell\_length\_c 6.1669

\_cell\_angle\_alpha 90.000

\_cell\_angle\_beta 99.188

\_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

1 0 0 219.86 217.22 6.66 o

2 0 0 320.72 280.35 11.88 o

3 0 0 14876.55 15834.60 127.18 o

4 0 0 977.56 1117.06 23.60 o

5 0 0 8859.83 9382.13 73.16 o

6 0 0 5061.31 5062.95 105.02 o

7 0 0 3327.93 3508.24 56.59 o

8 0 0 184.93 181.77 19.95 o

9 0 0 5546.56 5479.03 151.89 o

10 0 0 12.46 17.63 17.04 o

11 0 0 888.41 927.14 43.97 o

12 0 0 530.53 613.47 94.80 o

1 1 0 181.36 187.10 7.94 o

2 1 0 315.83 409.62 12.55 o

3 1 0 1561.88 1573.70 23.97 o

4 1 0 5033.26 5309.63 58.11 o

5 1 0 8638.16 8935.52 91.24 o

6 1 0 412.30 427.97 21.64 o

7 1 0 342.28 347.52 40.78 o

8 1 0 9275.68 9514.97 331.34 o

9 1 0 1140.68 1254.72 41.61 o

10 1 0 21.86 41.71 18.73 o

11 1 0 0.10 4.11 23.71 o

12 1 0 1074.33 1069.21 49.74 o

0 2 0 252.79 227.34 14.26 o

1 2 0 22.27 35.99 9.36 o

2 2 0 130.91 146.33 11.51 o

3 2 0 396.43 353.53 14.28 o

4 2 0 1777.23 1688.15 49.43 o

5 2 0 2208.78 2360.45 37.36 o

6 2 0 1176.96 1216.57 31.67 o

7 2 0 5969.49 6008.01 122.59 o

8 2 0 157.06 157.39 27.53 o

9 2 0 770.41 807.05 35.67 o

10 2 0 531.37 486.73 32.08 o

11 2 0 84.12 100.07 23.35 o

12 2 0 3.28 12.87 20.33 o

1 3 0 29081.06 26060.46 399.65 o

2 3 0 21189.47 19558.93 778.13 o

3 3 0 4301.63 4084.98 189.11 o

4 3 0 3541.22 3445.41 128.97 o

5 3 0 1249.25 1104.77 76.19 o

6 3 0 876.61 880.39 28.21 o

7 3 0 37.89 26.76 19.12 o

8 3 0 5005.43 4931.71 73.11 o

9 3 0 0.11 -6.45 16.36 o

10 3 0 754.92 842.19 38.93 o

11 3 0 503.55 442.80 40.02 o

12 3 0 31.59 22.87 21.43 o

0 4 0 27157.79 24677.62 126.43 o

1 4 0 5377.74 5149.97 71.62 o

2 4 0 995.25 1009.68 39.50 o

3 4 0 6024.80 5797.18 133.81 o

4 4 0 166.37 201.88 25.74 o

5 4 0 3704.34 3857.30 98.88 o

6 4 0 4597.77 4553.73 77.75 o

7 4 0 103.47 96.46 16.89 o

8 4 0 920.47 810.52 33.43 o

9 4 0 1923.15 2025.71 51.81 o

10 4 0 163.71 129.21 22.50 o

11 4 0 0.31 -6.05 19.82 o

1 5 0 457.47 480.65 17.11 o

2 5 0 5085.17 4987.90 210.52 o

3 5 0 718.83 656.64 21.43 o

4 5 0 243.83 229.68 16.75 o

5 5 0 298.83 261.58 48.68 o

6 5 0 1021.62 992.18 44.60 o

7 5 0 1997.89 1903.75 86.16 o

8 5 0 4.22 0.61 14.37 o

9 5 0 129.86 161.24 20.67 o

10 5 0 507.38 501.26 40.78 o

11 5 0 237.36 198.39 26.09 o

0 6 0 5463.96 5008.73 71.88 o

1 6 0 439.27 453.72 18.92 o

2 6 0 4726.89 4764.13 64.22 o

3 6 0 380.87 355.45 29.83 o

4 6 0 1170.02 1034.71 44.09 o

5 6 0 16.07 7.40 14.58 o

6 6 0 2627.42 2714.39 51.13 o

7 6 0 4050.06 3852.05 64.37 o

8 6 0 67.51 86.55 18.01 o

9 6 0 2303.59 2266.23 57.54 o

10 6 0 948.58 856.52 42.81 o

11 6 0 229.98 246.62 28.42 o

1 7 0 7777.39 7240.72 148.09 o

2 7 0 5079.30 5134.57 69.08 o

3 7 0 3667.76 3558.15 161.58 o

4 7 0 1223.55 1169.48 42.83 o

5 7 0 68.07 59.09 26.51 o

6 7 0 774.28 783.44 36.95 o

7 7 0 108.10 88.79 20.90 o

8 7 0 126.55 152.57 20.35 o

9 7 0 1214.42 1246.79 44.69 o

10 7 0 950.49 1028.30 44.89 o

11 7 0 6.03 -3.49 18.86 o

0 8 0 2517.06 2505.90 62.19 o

1 8 0 8796.41 8158.19 151.13 o

2 8 0 2380.34 2254.31 43.07 o

3 8 0 712.09 687.97 27.40 o

4 8 0 637.98 626.32 49.69 o

5 8 0 62.67 72.15 17.30 o

6 8 0 1160.34 1030.50 112.13 o

7 8 0 265.86 210.72 33.14 o

8 8 0 2356.16 2477.95 137.89 o

9 8 0 86.53 79.51 19.95 o

10 8 0 78.94 84.88 22.70 o

1 9 0 694.43 633.32 40.02 o

2 9 0 267.53 263.39 21.27 o

3 9 0 305.79 317.03 24.22 o

4 9 0 120.13 114.74 18.01 o

5 9 0 2610.13 2657.20 84.62 o

6 9 0 2491.77 2386.39 56.41 o

7 9 0 1401.32 1460.32 104.75 o

8 9 0 901.12 898.38 40.55 o

9 9 0 1920.78 1845.40 58.91 o

10 9 0 253.28 245.55 29.89 o

0 10 0 2387.51 2386.60 69.83 o

1 10 0 1475.41 1486.49 40.20 o

2 10 0 11.02 16.82 15.15 o

3 10 0 2986.82 2923.09 104.00 o

4 10 0 449.43 498.00 78.26 o

5 10 0 1097.65 1042.71 39.11 o

6 10 0 3.89 19.52 16.18 o

7 10 0 357.56 361.25 41.04 o

8 10 0 416.11 377.47 53.53 o

9 10 0 890.92 900.92 99.65 o

1 11 0 269.78 224.55 23.06 o

2 11 0 4756.99 4435.34 71.72 o

3 11 0 1504.92 1496.21 76.47 o

4 11 0 395.47 361.45 26.48 o

5 11 0 1041.45 936.68 72.90 o

6 11 0 453.58 446.51 62.19 o

7 11 0 443.31 514.40 50.98 o

8 11 0 0.13 13.61 18.34 o

9 11 0 178.25 202.32 27.21 o

0 12 0 252.25 237.03 33.13 o

1 12 0 2529.20 2411.80 56.95 o

2 12 0 1643.28 1569.96 84.62 o

3 12 0 19.65 19.68 16.02 o

4 12 0 106.14 140.63 21.98 o

5 12 0 307.25 284.53 26.67 o

6 12 0 4.43 -0.05 18.92 o

7 12 0 1852.82 1949.22 60.54 o

8 12 0 531.95 529.48 36.76 o

1 13 0 326.98 307.60 27.40 o

2 13 0 125.94 116.38 21.07 o

3 13 0 515.76 469.17 43.07 o

4 13 0 12.45 15.33 18.54 o

5 13 0 16.71 38.24 20.19 o

6 13 0 0.47 14.20 20.90 o

7 13 0 1896.32 1874.42 62.94 o

0 14 0 45.65 68.30 28.04 o

1 14 0 451.94 460.08 32.23 o

2 14 0 407.39 362.16 51.50 o

3 14 0 0.39 2.53 17.81 o

4 14 0 5.20 3.60 24.73 o

5 14 0 434.79 416.60 40.27 o

6 14 0 559.62 584.89 39.25 o

1 15 0 568.55 641.22 64.99 o

2 15 0 2578.21 2514.02 68.48 o

3 15 0 116.49 126.97 29.30 o

4 15 0 455.10 483.61 35.40 o

0 16 0 1623.51 1527.20 79.52 o

1 16 0 803.31 810.91 43.01 o

2 16 0 84.98 51.67 23.19 o

-12 1 1 772.69 707.53 62.19 o

-11 1 1 268.08 307.88 41.28 o

-10 1 1 754.09 674.88 52.50 o

-9 1 1 560.85 456.72 45.37 o

-8 1 1 632.87 562.24 42.30 o

-7 1 1 1235.56 1250.90 50.97 o

-6 1 1 6059.46 5672.91 91.26 o

-5 1 1 3574.35 3256.76 62.19 o

-4 1 1 200.27 149.35 17.33 o

-3 1 1 32939.01 30067.65 131.00 o

-2 1 1 2082.79 2083.84 32.10 o

-1 1 1 67.93 61.17 11.74 o

0 1 1 20.40 31.08 10.20 o

1 1 1 2986.52 2830.60 35.17 o

2 1 1 1697.67 1664.81 32.10 o

3 1 1 14620.11 15264.73 105.52 o

4 1 1 260.48 267.63 21.42 o

5 1 1 606.04 563.26 30.60 o

6 1 1 5888.50 6186.74 97.36 o

7 1 1 659.03 591.30 39.27 o

8 1 1 1025.09 1066.38 50.97 o

9 1 1 56.55 33.64 23.95 o

10 1 1 188.88 178.42 33.64 o

11 1 1 2.05 2.56 24.97 o

-12 2 1 40.61 13.75 32.61 o

-11 2 1 2928.88 3169.56 105.00 o

-10 2 1 52.17 35.17 30.09 o

-9 2 1 5.12 12.76 23.95 o

-8 2 1 575.06 552.55 39.74 o

-7 2 1 400.54 441.44 36.20 o

-6 2 1 161.10 84.60 22.92 o

-5 2 1 195.49 153.96 19.89 o

-4 2 1 0.05 2.05 12.25 o

-3 2 1 4678.53 4753.87 57.58 o

-2 2 1 212.62 229.38 17.33 o

-1 2 1 202.13 325.72 17.84 o

0 2 1 311.38 349.16 17.33 o

1 2 1 9.79 19.38 14.26 o

2 2 1 32940.62 34110.92 145.29 o

3 2 1 850.66 782.45 28.55 o

4 2 1 7.61 14.26 13.75 o

5 2 1 8363.52 8350.10 103.47 o

6 2 1 76.38 86.65 18.87 o

7 2 1 610.26 655.03 39.74 o

8 2 1 288.30 310.95 33.13 o

9 2 1 1992.46 2226.03 77.99 o

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11 2 1 3941.49 4322.11 120.80 o

-12 3 1 39.22 20.91 37.22 o

-11 3 1 69.30 89.72 32.10 o

-10 3 1 1417.34 1432.87 67.79 o

-9 3 1 313.98 262.51 37.73 o

-8 3 1 361.36 347.66 35.68 o

-7 3 1 780.92 759.52 45.37 o

-6 3 1 6971.17 7329.57 104.49 o

-5 3 1 0.45 14.77 17.84 o

-4 3 1 3218.29 3326.08 60.66 o

-3 3 1 3764.47 3794.03 58.10 o

-2 3 1 72.30 113.67 16.31 o

-1 3 1 751.44 853.81 26.51 o

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1 3 1 20273.58 21141.54 114.18 o

2 3 1 156.50 176.37 17.33 o

3 3 1 13.09 22.92 13.24 o

4 3 1 8192.84 8876.65 99.41 o

5 3 1 2804.43 3146.64 66.76 o

6 3 1 160.96 188.11 24.97 o

7 3 1 3.97 13.75 19.89 o

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9 3 1 96.69 97.87 27.02 o

10 3 1 407.53 451.13 41.79 o

11 3 1 100.17 85.12 33.64 o

-12 4 1 42.58 29.58 31.08 o

-11 4 1 15.90 -11.74 28.04 o

-10 4 1 7.03 1.02 27.02 o

-9 4 1 689.74 670.31 46.40 o

-8 4 1 1281.98 1390.06 54.55 o

-7 4 1 2580.33 2483.97 70.34 o

-6 4 1 1257.67 1177.49 48.44 o

-5 4 1 15106.94 15299.39 145.77 o

-4 4 1 13090.74 13353.20 124.89 o

-3 4 1 461.22 381.30 26.51 o

-2 4 1 2962.84 3002.88 51.48 o

-1 4 1 1471.01 1550.63 36.20 o

0 4 1 175.61 203.39 18.35 o

1 4 1 2274.84 2360.10 44.35 o

2 4 1 571.07 682.05 28.04 o

3 4 1 8289.01 8929.15 96.85 o

4 4 1 11624.70 11622.11 119.26 o

5 4 1 1739.87 1837.12 54.55 o

6 4 1 1588.34 1680.61 57.11 o

7 4 1 2701.46 2795.94 77.47 o

8 4 1 311.32 305.83 34.66 o

9 4 1 1431.22 1474.18 66.25 o

10 4 1 377.91 384.33 41.79 o

11 4 1 264.97 222.77 38.75 o

-11 5 1 1045.65 1237.67 66.76 o

-10 5 1 14.92 46.40 26.00 o

-9 5 1 3212.49 3133.40 87.67 o

-8 5 1 205.26 185.04 30.60 o

-7 5 1 9.33 8.67 20.40 o

-6 5 1 19.57 92.76 23.95 o

-5 5 1 5132.60 5026.58 88.70 o

-4 5 1 2197.58 2395.78 58.10 o

-3 5 1 5830.74 5795.27 82.08 o

-2 5 1 10774.85 10564.39 102.96 o

-1 5 1 1083.62 1186.16 35.68 o

0 5 1 238.32 245.69 20.40 o

1 5 1 9079.33 9178.43 92.76 o

2 5 1 987.72 1006.24 35.68 o

3 5 1 11911.54 12068.66 119.26 o

4 5 1 489.34 392.01 30.09 o

5 5 1 1168.72 1136.21 46.91 o

6 5 1 4654.52 4638.66 94.29 o

7 5 1 1.75 4.09 18.87 o

8 5 1 1649.52 1739.25 68.30 o

9 5 1 209.37 245.18 34.15 o

10 5 1 59.10 60.66 31.59 o

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-11 6 1 19.11 24.46 27.53 o

-10 6 1 23.34 1.54 26.00 o

-9 6 1 896.88 773.78 53.01 o

-8 6 1 0.01 3.58 24.97 o

-7 6 1 657.00 648.38 43.33 o

-6 6 1 1231.80 1244.80 51.48 o

-5 6 1 238.66 228.87 29.58 o

-4 6 1 3746.37 3647.71 75.43 o

-3 6 1 80.22 73.93 19.89 o

-2 6 1 112.75 102.45 19.89 o

-1 6 1 2217.88 2341.23 53.01 o

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1 6 1 1193.61 1179.03 38.75 o

2 6 1 519.99 502.09 28.55 o

3 6 1 19496.42 19708.67 162.11 o

4 6 1 3802.97 3907.69 79.01 o

5 6 1 607.72 606.08 38.24 o

6 6 1 1226.92 1258.55 54.55 o

7 6 1 1494.72 1556.23 63.21 o

8 6 1 1418.66 1472.65 64.24 o

9 6 1 833.74 781.93 54.55 o

10 6 1 3144.29 3408.12 109.10 o

11 6 1 308.57 331.83 45.88 o

-11 7 1 470.14 462.35 50.46 o

-10 7 1 658.86 626.99 53.53 o

-9 7 1 728.73 648.89 50.97 o

-8 7 1 4.28 17.33 21.94 o

-7 7 1 1737.86 1662.77 65.77 o

-6 7 1 1721.25 1925.31 65.77 o

-5 7 1 2153.40 2129.69 65.77 o

-4 7 1 11653.40 10892.16 134.07 o

-3 7 1 1715.31 1803.45 55.06 o

-2 7 1 1524.22 1424.21 46.91 o

-1 7 1 2890.61 2766.88 62.19 o

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6 7 1 3252.24 3404.06 88.19 o

7 7 1 7.69 4.09 20.91 o

8 7 1 770.68 799.26 50.97 o

9 7 1 29.87 2.05 26.51 o

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-10 8 1 18.89 45.37 29.58 o

-9 8 1 58.72 58.61 30.09 o

-8 8 1 86.08 106.03 30.09 o

-7 8 1 181.60 179.44 33.13 o

-6 8 1 650.48 539.83 42.81 o

-5 8 1 242.41 204.92 30.09 o

-4 8 1 183.34 153.45 27.53 o

-3 8 1 4.17 12.76 21.42 o

-2 8 1 3767.19 3536.60 76.96 o

-1 8 1 60.95 100.94 22.92 o

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3 8 1 186.94 139.15 25.48 o

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6 8 1 60.50 56.08 23.44 o

7 8 1 79.27 135.09 27.53 o

8 8 1 67.23 74.92 28.04 o

9 8 1 0.67 18.35 25.48 o

10 8 1 272.42 304.30 43.33 o

-10 9 1 146.96 190.12 36.71 o

-9 9 1 678.07 509.74 50.97 o

-8 9 1 92.87 89.21 31.08 o

-7 9 1 323.30 236.51 37.22 o

-6 9 1 11.94 -10.71 25.48 o

-5 9 1 544.97 520.45 41.28 o

-4 9 1 486.01 380.78 37.22 o

-3 9 1 513.52 499.54 38.24 o

-2 9 1 553.82 568.38 37.22 o

-1 9 1 3131.83 3062.55 74.92 o

0 9 1 151.58 149.86 26.00 o

1 9 1 160.28 175.86 27.53 o

2 9 1 24.20 27.02 23.44 o

3 9 1 95.31 121.31 26.00 o

4 9 1 496.34 491.38 37.73 o

5 9 1 899.52 956.77 51.48 o

6 9 1 212.19 225.29 31.08 o

7 9 1 0.65 -18.87 23.95 o

8 9 1 474.76 530.14 45.88 o

9 9 1 127.42 112.65 36.71 o

-9 10 1 518.97 586.70 53.53 o

-8 10 1 7.45 8.15 27.02 o

-7 10 1 35.20 9.69 28.04 o

-6 10 1 238.74 204.92 36.20 o

-5 10 1 2247.38 2218.90 77.99 o

-4 10 1 451.23 409.85 37.73 o

-3 10 1 1129.76 1133.65 53.01 o

-2 10 1 1585.74 1652.09 61.17 o

-1 10 1 1.60 -22.92 22.92 o

0 10 1 1388.77 1351.85 55.06 o

1 10 1 3904.87 3594.18 87.16 o

2 10 1 20.18 18.35 21.42 o

3 10 1 7352.43 6838.18 124.89 o

4 10 1 2625.68 2523.74 80.03 o

5 10 1 46.52 50.46 22.92 o

6 10 1 250.73 247.23 33.64 o

7 10 1 1.09 27.02 25.48 o

8 10 1 1847.73 1677.57 79.01 o

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-9 11 1 389.15 336.95 48.44 o

-8 11 1 740.17 643.29 58.10 o

-7 11 1 1465.25 1541.46 73.93 o

-6 11 1 895.63 942.00 61.17 o

-5 11 1 2620.01 2632.30 87.67 o

-4 11 1 3388.84 3335.77 93.27 o

-3 11 1 499.59 488.35 42.30 o

-2 11 1 3272.60 3147.15 88.19 o

-1 11 1 368.89 353.77 35.68 o

0 11 1 2571.81 2581.84 77.99 o

1 11 1 82.81 123.36 25.48 o

2 11 1 2004.79 2115.43 72.39 o

3 11 1 37.37 67.27 23.95 o

4 11 1 10.17 22.92 22.92 o

5 11 1 2010.26 1990.03 75.94 o

6 11 1 1187.45 1238.66 65.26 o

7 11 1 12.06 9.18 26.00 o

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-8 12 1 1996.22 2083.84 91.26 o

-7 12 1 12.13 12.25 30.09 o

-6 12 1 327.28 285.98 40.25 o

-5 12 1 1229.37 1119.91 65.77 o

-4 12 1 346.74 397.09 39.27 o

-3 12 1 176.32 163.10 29.58 o

-2 12 1 54.21 68.30 23.44 o

-1 12 1 2025.60 2038.47 73.93 o

0 12 1 250.47 202.88 34.15 o

1 12 1 17.97 30.60 24.97 o

2 12 1 91.52 175.35 28.55 o

3 12 1 678.59 687.64 47.42 o

4 12 1 203.15 212.05 32.61 o

5 12 1 40.30 82.59 28.04 o

6 12 1 1494.61 1568.47 74.92 o

7 12 1 120.29 155.46 35.68 o

-7 13 1 3.40 11.74 31.08 o

-6 13 1 37.96 19.38 30.09 o

-5 13 1 31.55 37.73 28.55 o

-4 13 1 835.04 717.73 55.06 o

-3 13 1 476.90 464.36 45.37 o

-2 13 1 211.17 186.57 34.15 o

-1 13 1 939.94 872.17 55.57 o

0 13 1 1273.86 1314.12 64.75 o

1 13 1 949.53 946.60 55.06 o

2 13 1 105.40 87.67 28.04 o

3 13 1 168.90 131.51 29.58 o

4 13 1 1860.85 1922.24 79.01 o

5 13 1 43.34 49.94 30.60 o

6 13 1 24.61 17.33 28.04 o

-6 14 1 230.77 197.28 39.27 o

-5 14 1 1567.52 1677.06 81.57 o

-4 14 1 964.01 970.04 63.21 o

-3 14 1 268.86 210.52 37.73 o

-2 14 1 1564.32 1605.18 75.94 o

-1 14 1 2165.55 2111.85 84.60 o

0 14 1 53.22 55.06 24.97 o

1 14 1 441.80 468.97 43.84 o

2 14 1 1235.56 1387.02 69.32 o

3 14 1 1.68 21.42 25.48 o

4 14 1 2177.80 2332.06 92.76 o

5 14 1 4.94 7.64 28.04 o

-4 15 1 477.57 498.51 51.48 o

-3 15 1 628.01 634.12 57.58 o

-2 15 1 49.62 51.99 32.61 o

-1 15 1 48.96 40.25 30.09 o

0 15 1 118.55 117.25 35.17 o

1 15 1 209.34 183.50 38.24 o

2 15 1 130.97 145.77 33.13 o

3 15 1 111.02 138.64 33.13 o

4 15 1 472.92 512.81 52.50 o

-1 16 1 80.95 48.44 34.66 o

0 16 1 721.45 763.58 61.68 o

1 16 1 437.67 435.84 49.43 o

-12 0 2 90.87 87.67 36.20 o

-11 0 2 26.75 34.66 26.51 o

-10 0 2 2239.18 2321.38 82.59 o

-9 0 2 5107.64 4962.85 110.12 o

-8 0 2 4160.50 3863.35 90.23 o

-7 0 2 7.01 14.26 20.91 o

-6 0 2 6784.40 6814.75 96.34 o

-5 0 2 3.01 7.13 14.26 o

-4 0 2 7398.49 7000.29 78.50 o

-3 0 2 5628.27 5517.45 62.19 o

-2 0 2 12007.53 11535.97 81.57 o

-1 0 2 31320.62 29680.76 122.85 o

0 0 2 11840.97 11342.26 76.96 o

1 0 2 4418.54 4499.99 51.99 o

2 0 2 163.22 192.17 16.31 o

3 0 2 10177.21 10186.16 93.27 o

4 0 2 9792.24 9842.09 102.45 o

5 0 2 4.08 9.18 15.79 o

6 0 2 2054.85 2044.57 59.63 o

7 0 2 1.04 13.24 18.35 o

8 0 2 1924.89 1742.80 66.76 o

9 0 2 12.08 -6.11 22.92 o

10 0 2 774.47 796.23 55.57 o

11 0 2 450.30 408.83 46.91 o

-12 1 2 3.74 -4.09 30.09 o

-11 1 2 123.10 146.28 36.20 o

-10 1 2 765.42 643.29 51.99 o

-9 1 2 1792.26 1722.94 66.25 o

-8 1 2 649.22 651.45 40.77 o

-7 1 2 126.28 112.13 24.46 o

-6 1 2 4321.94 4166.11 75.94 o

-5 1 2 1130.59 1084.22 36.71 o

-4 1 2 7790.01 7493.72 81.06 o

-3 1 2 1694.28 1652.60 36.20 o

-2 1 2 3243.15 3242.46 45.37 o

-1 1 2 13387.67 13392.98 85.63 o

0 1 2 5560.38 5314.57 54.55 o

1 1 2 5799.46 5856.44 60.66 o

2 1 2 2840.65 2826.00 46.91 o

3 1 2 3290.89 3498.87 57.11 o

4 1 2 2751.82 2954.98 58.61 o

5 1 2 1501.24 1432.87 46.40 o

6 1 2 6469.44 6438.06 103.98 o

7 1 2 153.89 174.84 26.00 o

8 1 2 3521.19 3604.90 92.28 o

9 1 2 251.98 248.25 34.66 o

10 1 2 570.62 548.49 48.44 o

11 1 2 348.19 363.45 44.86 o

-12 2 2 143.77 139.15 40.77 o

-11 2 2 354.17 415.96 44.86 o

-10 2 2 41.50 40.25 28.04 o

-9 2 2 330.86 309.93 33.64 o

-8 2 2 1173.74 1105.65 49.94 o

-7 2 2 26.10 22.92 21.94 o

-6 2 2 1025.38 1045.98 40.25 o

-5 2 2 3710.96 3395.91 61.68 o

-4 2 2 589.33 584.17 26.00 o

-3 2 2 1932.29 1909.48 40.25 o

-2 2 2 1346.70 1388.04 32.61 o

-1 2 2 2488.93 2540.05 40.77 o

0 2 2 2949.48 2980.98 44.86 o

1 2 2 634.72 677.44 24.46 o

2 2 2 4558.90 4862.42 63.21 o

3 2 2 485.05 524.03 26.00 o

4 2 2 102.54 113.67 18.35 o

5 2 2 1607.72 1678.60 51.48 o

6 2 2 3559.47 3770.04 82.08 o

7 2 2 2.33 8.15 18.35 o

8 2 2 261.51 274.76 33.13 o

9 2 2 1477.95 1568.99 68.81 o

10 2 2 79.63 42.30 28.04 o

11 2 2 315.47 253.33 41.28 o

-12 3 2 490.76 586.70 55.57 o

-11 3 2 844.93 759.01 59.12 o

-10 3 2 6.93 -10.71 27.02 o

-9 3 2 3556.40 3321.99 89.21 o

-8 3 2 1430.76 1235.62 52.50 o

-7 3 2 391.61 375.67 31.59 o

-6 3 2 632.26 674.88 35.17 o

-5 3 2 61.21 92.76 18.87 o

-4 3 2 25.68 12.25 15.28 o

-3 3 2 14069.38 14195.79 112.13 o

-2 3 2 90.07 85.63 15.28 o

-1 3 2 364.61 357.31 20.91 o

0 3 2 8521.05 8955.15 81.57 o

1 3 2 3884.40 4027.98 57.58 o

2 3 2 439.47 493.43 24.46 o

3 3 2 3503.75 3646.69 63.21 o

4 3 2 1331.16 1310.54 43.33 o

5 3 2 435.24 394.53 31.08 o

6 3 2 2667.34 2631.27 70.86 o

7 3 2 48.55 36.20 21.94 o

8 3 2 845.08 743.21 50.46 o

9 3 2 899.56 889.50 56.60 o

10 3 2 74.37 94.80 30.60 o

11 3 2 42.37 18.35 29.07 o

-11 4 2 149.78 208.47 37.73 o

-10 4 2 0.10 -11.22 24.46 o

-9 4 2 1146.37 1166.30 55.57 o

-8 4 2 2370.28 2235.72 68.81 o

-7 4 2 358.53 354.28 32.10 o

-6 4 2 3833.77 3966.81 80.54 o

-5 4 2 679.28 675.40 35.17 o

-4 4 2 114.97 102.45 19.89 o

-3 4 2 577.73 578.54 28.04 o

-2 4 2 1.32 -9.69 14.26 o

-1 4 2 0.31 8.15 13.75 o

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6 4 2 917.67 979.73 46.40 o

7 4 2 137.13 141.71 26.51 o

8 4 2 866.19 881.34 51.48 o

9 4 2 174.65 159.55 32.61 o

10 4 2 8.33 2.56 24.46 o

11 4 2 414.16 381.30 46.40 o

-11 5 2 63.44 53.53 31.59 o

-10 5 2 202.53 230.41 32.61 o

-9 5 2 32.85 13.24 22.92 o

-8 5 2 1238.45 1288.12 58.10 o

-7 5 2 655.77 586.19 40.25 o

-6 5 2 565.12 571.93 38.24 o

-5 5 2 108.19 114.18 23.44 o

-4 5 2 133.76 177.39 23.95 o

-3 5 2 203.25 262.51 23.95 o

-2 5 2 15868.77 16764.91 136.12 o

-1 5 2 6116.87 6571.58 83.61 o

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8 5 2 18.68 22.41 24.97 o

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-11 6 2 491.49 548.49 53.01 o

-10 6 2 1286.11 1273.35 71.37 o

-9 6 2 39.88 15.28 26.00 o

-8 6 2 1742.35 1853.43 71.37 o

-7 6 2 569.76 526.04 40.77 o

-6 6 2 355.87 359.87 34.15 o

-5 6 2 1859.26 1775.96 59.63 o

-4 6 2 1842.35 1866.67 56.60 o

-3 6 2 314.20 314.50 28.04 o

-2 6 2 567.29 567.87 32.10 o

-1 6 2 1119.56 1107.66 39.74 o

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2 6 2 216.11 249.79 24.97 o

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7 6 2 107.75 126.43 27.53 o

8 6 2 872.10 911.94 55.57 o

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10 6 2 2.26 -1.54 25.48 o

-11 7 2 293.40 354.79 46.40 o

-10 7 2 923.11 937.94 66.25 o

-9 7 2 316.74 341.52 44.35 o

-8 7 2 64.14 79.01 28.55 o

-7 7 2 1324.60 1460.91 62.70 o

-6 7 2 8.35 12.76 22.92 o

-5 7 2 2227.87 2323.39 69.83 o

-4 7 2 2175.54 2296.37 65.26 o

-3 7 2 8748.59 8989.30 119.78 o

-2 7 2 7.54 8.15 18.35 o

-1 7 2 1084.79 1006.24 42.81 o

0 7 2 10417.22 10470.10 121.82 o

1 7 2 61.45 62.70 21.94 o

2 7 2 192.09 234.47 26.00 o

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4 7 2 2416.37 2467.66 69.83 o

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7 7 2 1874.67 1917.63 72.90 o

8 7 2 49.41 92.28 26.51 o

9 7 2 358.37 367.00 42.81 o

10 7 2 34.07 57.11 30.09 o

-10 8 2 1436.82 1283.52 78.50 o

-9 8 2 107.96 104.49 32.10 o

-8 8 2 923.11 918.56 60.14 o

-7 8 2 1855.58 2002.27 75.43 o

-6 8 2 97.59 92.28 27.53 o

-5 8 2 1748.43 1683.17 63.73 o

-4 8 2 943.20 986.35 48.44 o

-3 8 2 68.16 83.10 23.44 o

-2 8 2 759.66 697.33 41.28 o

-1 8 2 14055.67 14270.23 152.93 o

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5 8 2 3510.84 3551.37 91.26 o

6 8 2 227.08 218.16 30.09 o

7 8 2 496.61 553.06 45.37 o

8 8 2 149.85 194.21 32.61 o

9 8 2 7.58 -22.92 26.00 o

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-9 9 2 565.87 515.37 53.01 o

-8 9 2 109.75 133.56 34.15 o

-7 9 2 3278.68 3285.28 98.39 o

-6 9 2 159.14 112.65 31.08 o

-5 9 2 45.07 60.66 23.95 o

-4 9 2 973.52 909.39 50.46 o

-3 9 2 298.35 237.54 30.60 o

-2 9 2 4600.60 4355.24 93.27 o

-1 9 2 694.16 676.42 42.30 o

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6 9 2 58.24 44.86 26.00 o

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8 9 2 429.74 441.95 45.37 o

9 9 2 412.17 435.33 47.42 o

-9 10 2 64.87 62.19 36.71 o

-8 10 2 434.62 387.91 47.93 o

-7 10 2 189.67 132.53 34.66 o

-6 10 2 2149.96 2269.39 82.08 o

-5 10 2 396.13 436.83 41.79 o

-4 10 2 2164.78 2070.06 73.93 o

-3 10 2 1688.44 1558.27 64.24 o

-2 10 2 815.22 837.00 47.42 o

-1 10 2 2404.01 2484.99 74.92 o

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6 10 2 850.87 845.15 55.06 o

7 10 2 240.71 299.73 37.73 o

8 10 2 48.86 30.09 29.58 o

-9 11 2 65.06 43.33 32.10 o

-8 11 2 684.06 694.26 57.58 o

-7 11 2 168.93 164.12 36.71 o

-6 11 2 27.65 32.10 28.04 o

-5 11 2 1.50 7.64 26.00 o

-4 11 2 204.34 157.51 32.10 o

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-2 11 2 3728.13 3695.64 96.85 o

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5 11 2 136.25 132.02 30.60 o

6 11 2 1307.63 1306.48 67.79 o

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8 11 2 283.13 331.83 44.35 o

-8 12 2 5.88 0.00 30.09 o

-7 12 2 1559.66 1696.92 82.59 o

-6 12 2 495.95 549.00 49.94 o

-5 12 2 219.03 218.16 36.20 o

-4 12 2 183.96 159.04 33.13 o

-3 12 2 409.63 479.17 43.84 o

-2 12 2 33.81 -4.57 27.53 o

-1 12 2 1136.70 1054.13 59.12 o

0 12 2 86.72 111.11 28.04 o

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2 12 2 585.55 514.34 45.88 o

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4 12 2 258.18 224.78 34.66 o

5 12 2 0.79 -7.64 25.48 o

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-7 13 2 55.40 69.83 32.10 o

-6 13 2 647.43 748.30 56.08 o

-5 13 2 105.39 128.95 33.64 o

-4 13 2 94.19 98.90 32.61 o

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-2 13 2 533.94 585.20 46.91 o

-1 13 2 988.94 955.78 57.11 o

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1 13 2 716.38 717.22 50.97 o

2 13 2 35.99 18.35 26.51 o

3 13 2 111.41 99.92 30.60 o

4 13 2 109.11 96.85 33.13 o

5 13 2 652.90 633.61 51.48 o

6 13 2 0.90 -22.92 28.04 o

-6 14 2 353.23 303.31 45.88 o

-5 14 2 4.00 -7.64 29.58 o

-4 14 2 229.70 211.03 39.74 o

-3 14 2 1188.51 1232.55 69.83 o

-2 14 2 60.46 69.32 30.09 o

-1 14 2 57.48 23.95 31.59 o

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3 14 2 257.33 272.71 39.74 o

4 14 2 247.87 259.99 39.74 o

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-4 15 2 1027.71 1000.61 69.83 o

-3 15 2 282.90 222.77 43.33 o

-2 15 2 1993.68 2143.47 91.26 o

-1 15 2 699.89 684.06 58.61 o

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-12 1 3 102.17 180.94 38.24 o

-11 1 3 467.71 490.87 47.42 o

-10 1 3 326.33 315.01 38.75 o

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-8 1 3 316.24 294.65 31.59 o

-7 1 3 4779.24 4321.09 87.67 o

-6 1 3 256.56 266.09 26.51 o

-5 1 3 5756.82 5565.38 83.61 o

-4 1 3 11339.26 10946.20 107.56 o

-3 1 3 50.43 36.71 14.26 o

-2 1 3 15855.16 15654.69 115.72 o

-1 1 3 86.83 85.12 14.77 o

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4 1 3 248.60 196.77 23.95 o

5 1 3 2757.04 2625.17 66.76 o

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7 1 3 4381.76 4337.40 98.39 o

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-12 2 3 2244.00 2112.87 91.77 o

-11 2 3 1229.18 1040.38 66.25 o

-10 2 3 137.11 118.27 28.55 o

-9 2 3 456.62 447.55 38.75 o

-8 2 3 122.91 118.27 25.48 o

-7 2 3 1055.34 946.09 43.84 o

-6 2 3 11374.66 10706.10 125.40 o

-5 2 3 347.77 315.52 26.00 o

-4 2 3 758.65 704.97 30.60 o

-3 2 3 6449.54 6314.19 80.03 o

-2 2 3 4999.39 5051.55 68.30 o

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7 2 3 1578.58 1627.08 62.19 o

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-11 3 3 2.26 4.57 26.00 o

-10 3 3 207.67 215.12 32.61 o

-9 3 3 940.38 859.41 50.97 o

-8 3 3 2050.09 2052.73 65.77 o

-7 3 3 625.93 678.98 38.75 o

-6 3 3 286.79 294.13 29.58 o

-5 3 3 1096.59 1121.95 42.30 o

-4 3 3 1079.19 1044.48 38.24 o

-3 3 3 20.35 7.64 15.28 o

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-1 3 3 6472.87 6852.48 82.08 o

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-11 4 3 290.28 285.98 40.77 o

-10 4 3 223.79 226.31 33.13 o

-9 4 3 1583.61 1597.03 64.24 o

-8 4 3 563.66 586.70 40.25 o

-7 4 3 1557.02 1579.19 57.58 o

-6 4 3 6725.86 6788.75 107.05 o

-5 4 3 6403.97 6312.14 96.85 o

-4 4 3 5590.14 5722.88 87.67 o

-3 4 3 9778.15 9683.56 108.59 o

-2 4 3 2017.98 2126.14 50.97 o

-1 4 3 174.53 136.12 19.89 o

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7 4 3 697.70 735.06 45.37 o

8 4 3 929.60 970.04 55.06 o

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-11 5 3 1816.26 1942.13 81.57 o

-10 5 3 23.75 39.27 25.48 o

-9 5 3 179.03 173.30 31.59 o

-8 5 3 795.61 753.89 47.42 o

-7 5 3 1667.88 1531.26 59.12 o

-6 5 3 40.71 60.66 21.94 o

-5 5 3 47.39 43.33 20.40 o

-4 5 3 1534.04 1646.97 52.50 o

-3 5 3 655.40 726.40 35.68 o

-2 5 3 563.73 568.86 32.10 o

-1 5 3 8591.30 8835.37 105.52 o

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-11 6 3 296.27 286.97 41.79 o

-10 6 3 2464.42 2640.96 91.26 o

-9 6 3 3.15 -11.22 24.97 o

-8 6 3 54.18 84.09 27.02 o

-7 6 3 152.59 160.58 29.07 o

-6 6 3 3740.32 3964.26 90.74 o

-5 6 3 2351.93 2527.80 70.34 o

-4 6 3 3321.23 3487.64 77.99 o

-3 6 3 14636.25 15160.75 151.91 o

-2 6 3 458.91 488.86 32.10 o

-1 6 3 771.54 880.32 39.27 o

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8 6 3 47.70 51.48 27.53 o

9 6 3 168.14 140.69 34.66 o

-10 7 3 53.27 78.50 30.60 o

-9 7 3 37.94 23.95 28.04 o

-8 7 3 373.33 399.65 39.74 o

-7 7 3 2629.10 2664.43 83.61 o

-6 7 3 195.24 187.59 30.09 o

-5 7 3 2461.20 2556.87 73.41 o

-4 7 3 2495.46 2574.20 72.39 o

-3 7 3 1115.93 1241.73 50.97 o

-2 7 3 5772.02 5789.65 99.92 o

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-10 8 3 285.19 348.65 43.33 o

-9 8 3 35.88 37.22 27.02 o

-8 8 3 93.73 107.05 31.59 o

-7 8 3 0.34 4.57 25.48 o

-6 8 3 767.23 815.57 49.94 o

-5 8 3 726.48 648.89 44.86 o

-4 8 3 1398.67 1499.15 59.12 o

-3 8 3 1644.19 1781.04 61.17 o

-2 8 3 43.99 40.77 22.41 o

-1 8 3 206.04 224.30 29.07 o

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-9 9 3 487.24 453.17 49.43 o

-8 9 3 87.99 116.23 32.10 o

-7 9 3 5.49 13.75 24.97 o

-6 9 3 59.30 69.32 27.53 o

-5 9 3 39.13 51.99 24.97 o

-4 9 3 0.56 8.15 22.92 o

-3 9 3 331.98 363.97 34.66 o

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-1 9 3 220.67 218.16 28.04 o

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7 9 3 19.95 7.64 23.44 o

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-9 10 3 33.98 38.75 32.61 o

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-7 10 3 198.53 200.32 37.22 o

-6 10 3 308.16 380.78 41.28 o

-5 10 3 2737.34 2815.83 90.74 o

-4 10 3 3383.90 3328.60 94.80 o

-3 10 3 812.50 692.73 47.93 o

-2 10 3 497.48 484.76 39.74 o

-1 10 3 216.86 273.73 31.08 o

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1 10 3 7144.33 7110.38 129.98 o

2 10 3 267.06 237.03 32.61 o

3 10 3 115.96 140.18 29.58 o

4 10 3 3271.95 3298.55 97.36 o

5 10 3 579.62 515.37 47.42 o

6 10 3 122.41 119.78 30.09 o

7 10 3 230.68 259.47 36.71 o

-8 11 3 284.40 341.01 46.91 o

-7 11 3 1987.13 2071.59 89.21 o

-6 11 3 8.75 7.13 26.00 o

-5 11 3 1839.14 1917.63 77.99 o

-4 11 3 1219.54 1272.84 65.26 o

-3 11 3 271.81 297.17 37.73 o

-2 11 3 1280.94 1189.74 60.66 o

-1 11 3 566.46 616.79 45.37 o

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7 11 3 28.18 3.07 30.09 o

-7 12 3 13.54 9.18 29.07 o

-6 12 3 552.80 559.20 54.04 o

-5 12 3 142.68 117.25 35.17 o

-4 12 3 942.58 917.03 58.61 o

-3 12 3 505.61 504.14 44.35 o

-2 12 3 462.91 492.41 45.37 o

-1 12 3 139.23 114.69 29.58 o

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3 12 3 280.13 235.49 36.71 o

4 12 3 82.10 108.07 32.10 o

5 12 3 1227.43 1351.34 68.81 o

6 12 3 57.32 53.53 30.60 o

-6 13 3 124.04 127.93 36.20 o

-5 13 3 26.72 57.11 31.08 o

-4 13 3 0.46 11.74 28.04 o

-3 13 3 282.25 257.94 40.25 o

-2 13 3 204.63 176.37 35.17 o

-1 13 3 18.80 13.24 26.00 o

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4 13 3 285.17 254.87 39.74 o

5 13 3 1262.18 1132.63 67.79 o

-5 14 3 2197.68 2372.34 98.39 o

-4 14 3 1211.31 1222.86 73.41 o

-3 14 3 239.37 324.70 43.84 o

-2 14 3 1254.15 1264.69 70.86 o

-1 14 3 85.76 101.93 31.59 o

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-2 15 3 240.32 195.75 41.28 o

-1 15 3 38.74 33.64 30.60 o

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-11 0 4 1101.29 1073.51 64.75 o

-10 0 4 1560.54 1589.90 69.83 o

-9 0 4 1475.75 1403.33 62.19 o

-8 0 4 1165.84 1154.05 53.53 o

-7 0 4 8694.44 8231.31 125.92 o

-6 0 4 0.23 -17.33 17.33 o

-5 0 4 252.80 270.15 26.51 o

-4 0 4 173.19 146.79 21.94 o

-3 0 4 8383.69 8223.16 99.41 o

-2 0 4 926.51 915.49 34.66 o

-1 0 4 17317.38 16771.53 136.63 o

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6 0 4 403.58 341.01 33.13 o

7 0 4 916.67 903.28 50.46 o

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-10 1 4 136.04 87.67 28.04 o

-9 1 4 125.04 111.11 26.51 o

-8 1 4 1927.15 2022.16 67.79 o

-7 1 4 90.04 72.90 20.91 o

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-5 1 4 2410.45 2434.02 61.68 o

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7 1 4 1847.37 1775.45 69.32 o

8 1 4 1310.16 1343.70 65.77 o

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-11 2 4 47.01 34.66 30.09 o

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-9 2 4 325.87 292.09 34.66 o

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-7 2 4 1658.68 1559.81 57.11 o

-6 2 4 589.55 515.37 36.20 o

-5 2 4 206.85 221.23 25.48 o

-4 2 4 1803.54 1767.26 51.48 o

-3 2 4 128.10 122.85 19.38 o

-2 2 4 581.49 569.88 30.60 o

-1 2 4 5771.00 5608.19 82.59 o

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-11 3 4 281.83 274.25 41.28 o

-10 3 4 224.64 241.12 36.20 o

-9 3 4 4593.06 4619.80 108.59 o

-8 3 4 1.57 15.79 18.87 o

-7 3 4 14.20 23.95 20.40 o

-6 3 4 2405.96 2401.41 67.27 o

-5 3 4 10.91 6.62 19.38 o

-4 3 4 37.78 45.37 20.40 o

-3 3 4 3934.13 3662.48 71.37 o

-2 3 4 98.62 105.52 19.38 o

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-10 4 4 168.21 146.79 33.64 o

-9 4 4 428.03 430.22 41.79 o

-8 4 4 10.81 12.25 21.42 o

-7 4 4 720.23 669.29 42.30 o

-6 4 4 6.73 30.09 20.40 o

-5 4 4 252.10 254.87 29.07 o

-4 4 4 1584.51 1580.21 51.99 o

-3 4 4 3127.14 3109.93 68.81 o

-2 4 4 2557.29 2632.30 63.21 o

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-11 5 4 62.10 85.63 28.04 o

-10 5 4 1827.67 1828.94 79.01 o

-9 5 4 78.52 51.48 25.48 o

-8 5 4 1466.07 1512.39 62.70 o

-7 5 4 2048.08 2159.78 71.88 o

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-5 5 4 108.49 102.45 23.95 o

-4 5 4 329.53 353.25 32.10 o

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-9 6 4 302.17 305.83 39.74 o

-8 6 4 353.16 328.79 38.75 o

-7 6 4 68.39 108.07 24.97 o

-6 6 4 164.13 195.75 29.58 o

-5 6 4 789.80 817.62 44.35 o

-4 6 4 2457.64 2471.24 69.83 o

-3 6 4 402.17 404.22 34.66 o

-2 6 4 1887.86 1827.44 59.12 o

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-9 8 4 57.44 69.32 32.10 o

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-3 8 4 438.54 420.02 37.73 o

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7 8 4 168.23 210.01 34.15 o

8 8 4 350.77 368.54 42.30 o

-9 9 4 549.23 532.18 54.04 o

-8 9 4 219.34 183.50 39.27 o

-7 9 4 1839.96 1990.54 80.03 o

-6 9 4 39.37 40.25 28.04 o

-5 9 4 980.72 991.94 59.12 o

-4 9 4 5.63 2.56 23.44 o

-3 9 4 293.73 277.32 33.64 o

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6 9 4 1313.47 1403.84 69.32 o

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-8 10 4 924.25 918.56 64.75 o

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-6 10 4 678.04 654.01 52.50 o

-5 10 4 77.67 82.59 30.09 o

-4 10 4 463.65 546.44 44.86 o

-3 10 4 1066.56 1060.79 56.08 o

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-1 10 4 84.00 89.21 27.02 o

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-4 12 4 15.88 60.66 27.53 o

-3 12 4 1294.40 1259.57 68.30 o

-2 12 4 1510.80 1538.90 72.90 o

-1 12 4 2.43 11.22 23.44 o

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-4 13 4 102.98 94.29 33.13 o

-3 13 4 186.37 248.76 40.25 o

-2 13 4 228.30 258.45 41.28 o

-1 13 4 182.27 190.63 35.68 o

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3 13 4 177.22 177.39 33.64 o

-3 14 4 256.74 201.85 40.77 o

-2 14 4 4.23 -21.42 29.58 o

-1 14 4 438.28 467.95 48.92 o

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-11 1 5 65.53 50.97 31.08 o

-10 1 5 164.49 162.11 31.59 o

-9 1 5 10.89 32.61 21.94 o

-8 1 5 40.17 35.68 22.92 o

-7 1 5 179.39 191.65 27.02 o

-6 1 5 7967.40 7588.53 122.85 o

-5 1 5 60.66 62.70 20.40 o

-4 1 5 3344.29 2961.09 72.39 o

-3 1 5 4918.89 4845.60 88.70 o

-2 1 5 388.58 399.65 29.07 o

-1 1 5 369.71 346.12 29.07 o

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-8 2 5 7.53 14.77 23.44 o

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-6 2 5 2204.57 1997.16 66.25 o

-5 2 5 190.69 193.70 26.00 o

-4 2 5 19.82 26.51 18.87 o

-3 2 5 1.33 2.05 18.35 o

-2 2 5 36.29 42.81 18.35 o

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7 2 5 204.17 156.99 32.61 o

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-10 3 5 1263.09 1354.37 69.32 o

-9 3 5 176.79 169.75 33.13 o

-8 3 5 215.73 242.14 31.08 o

-7 3 5 66.29 10.20 23.95 o

-6 3 5 3860.68 3657.91 89.21 o

-5 3 5 818.60 883.90 43.33 o

-4 3 5 517.16 540.85 35.68 o

-3 3 5 1818.96 1844.25 58.61 o

-2 3 5 1232.82 1310.54 48.92 o

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-10 4 5 39.35 24.46 28.55 o

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-7 4 5 2937.34 3061.01 88.70 o

-6 4 5 520.43 536.75 38.75 o

-5 4 5 3165.20 3174.17 81.06 o

-4 4 5 7059.11 7223.54 117.25 o

-3 4 5 448.71 459.28 32.61 o

-2 4 5 301.27 350.18 30.60 o

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-9 5 5 61.77 80.03 28.55 o

-8 5 5 184.00 154.95 32.61 o

-7 5 5 1396.01 1434.41 63.21 o

-6 5 5 150.39 150.89 26.00 o

-5 5 5 326.48 339.98 35.17 o

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-1 5 5 159.32 113.67 24.46 o

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4 5 5 2447.31 2274.98 77.99 o

5 5 5 3048.22 2886.17 91.26 o

6 5 5 85.76 93.78 25.48 o

7 5 5 17.75 52.50 26.00 o

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-10 6 5 5.22 14.26 30.09 o

-9 6 5 318.00 322.65 43.33 o

-8 6 5 431.29 457.75 42.81 o

-7 6 5 8.31 9.69 24.46 o

-6 6 5 168.80 168.73 29.58 o

-5 6 5 365.70 352.23 34.15 o

-4 6 5 860.61 880.83 47.42 o

-3 6 5 547.47 595.88 39.74 o

-2 6 5 62.87 80.03 22.41 o

-1 6 5 200.46 229.38 28.04 o

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-9 7 5 460.55 436.83 44.86 o

-8 7 5 887.88 906.83 57.11 o

-7 7 5 341.67 394.02 39.74 o

-6 7 5 756.88 788.59 49.94 o

-5 7 5 4507.21 4687.07 109.10 o

-4 7 5 677.45 719.74 46.40 o

-3 7 5 1447.72 1374.26 59.12 o

-2 7 5 454.13 478.66 38.24 o

-1 7 5 1.82 -1.02 20.40 o

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-9 8 5 51.08 11.74 30.09 o

-8 8 5 2.65 -14.77 27.53 o

-7 8 5 572.87 569.88 48.44 o

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-5 8 5 95.00 71.88 25.48 o

-4 8 5 407.08 448.06 39.74 o

-3 8 5 2010.40 2027.76 73.41 o

-2 8 5 1.69 32.10 22.41 o

-1 8 5 945.81 967.48 52.50 o

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3 8 5 1296.41 1430.86 66.25 o

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-8 9 5 149.83 153.45 37.73 o

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-6 9 5 85.19 70.34 31.59 o

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-4 9 5 232.65 226.83 34.66 o

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-2 9 5 266.19 293.11 35.17 o

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-7 10 5 416.19 364.48 46.91 o

-6 10 5 526.11 545.42 50.97 o

-5 10 5 44.60 59.63 28.04 o

-4 10 5 331.67 359.87 41.79 o

-3 10 5 113.94 112.65 30.60 o

-2 10 5 83.91 88.19 27.53 o

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-6 11 5 288.49 292.60 46.91 o

-5 11 5 2530.90 2755.14 98.90 o

-4 11 5 219.60 236.00 38.24 o

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-5 12 5 520.33 420.02 50.46 o

-4 12 5 1570.60 1733.11 81.57 o

-3 12 5 113.48 66.25 33.13 o

-2 12 5 96.47 87.67 30.60 o

-1 12 5 2864.30 2752.11 99.92 o

0 12 5 159.53 93.27 33.13 o

1 12 5 291.12 264.04 39.74 o

2 12 5 112.10 95.32 34.15 o

3 12 5 1194.57 1243.77 72.39 o

-3 13 5 205.19 173.30 39.27 o

-2 13 5 108.29 143.25 35.68 o

-1 13 5 142.91 139.15 35.68 o

0 13 5 157.15 120.80 36.20 o

1 13 5 1518.31 1727.00 83.10 o

-10 0 6 68.76 29.07 31.08 o

-9 0 6 10582.83 10521.06 177.91 o

-8 0 6 24.83 20.91 24.46 o

-7 0 6 0.50 13.75 20.40 o

-6 0 6 1717.01 1578.67 63.21 o

-5 0 6 528.28 563.26 39.74 o

-4 0 6 403.36 374.17 33.64 o

-3 0 6 3257.92 2970.78 78.50 o

-2 0 6 18.84 33.64 19.89 o

-1 0 6 43.08 44.86 20.40 o

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2 0 6 1588.37 1595.49 61.17 o

3 0 6 1825.47 1819.79 66.76 o

4 0 6 1286.00 1271.30 61.17 o

5 0 6 1646.02 1534.84 68.81 o

6 0 6 0.92 -5.59 23.95 o

7 0 6 591.93 581.62 49.94 o

-10 1 6 24.48 14.26 28.55 o

-9 1 6 15.77 8.67 28.55 o

-8 1 6 11.97 6.11 23.95 o

-7 1 6 63.52 44.86 23.44 o

-6 1 6 1052.03 945.07 51.48 o

-5 1 6 1.44 16.31 18.87 o

-4 1 6 3828.80 3712.46 89.21 o

-3 1 6 1474.45 1479.27 57.11 o

-2 1 6 445.08 429.19 34.15 o

-1 1 6 6984.99 6663.35 115.72 o

0 1 6 696.65 663.69 39.74 o

1 1 6 295.87 296.66 31.59 o

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3 1 6 1883.20 1772.38 67.27 o

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-10 2 6 7.90 32.61 27.53 o

-9 2 6 23.25 28.55 26.51 o

-8 2 6 190.34 218.67 33.64 o

-7 2 6 12.12 14.26 22.41 o

-6 2 6 79.96 63.73 22.41 o

-5 2 6 1155.93 1131.64 53.53 o

-4 2 6 268.59 237.03 29.58 o

-3 2 6 2707.61 2562.46 73.41 o

-2 2 6 4284.31 4211.48 93.27 o

-1 2 6 990.01 959.84 47.42 o

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2 2 6 433.53 473.03 37.22 o

3 2 6 5.42 4.09 20.40 o

4 2 6 0.13 4.57 20.40 o

5 2 6 68.68 90.74 26.51 o

6 2 6 1305.01 1401.79 66.76 o

7 2 6 206.26 212.05 36.20 o

-9 3 6 20.72 31.59 27.02 o

-8 3 6 1280.51 1434.41 66.25 o

-7 3 6 1051.59 1015.41 56.60 o

-6 3 6 156.90 157.51 27.53 o

-5 3 6 116.31 129.46 28.04 o

-4 3 6 1127.80 1076.07 52.50 o

-3 3 6 212.60 226.31 29.58 o

-2 3 6 8.52 15.79 18.87 o

-1 3 6 6641.25 6380.44 116.74 o

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2 3 6 428.35 411.86 36.20 o

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4 3 6 1545.97 1519.04 66.76 o

5 3 6 2472.44 2243.87 84.09 o

6 3 6 231.09 248.25 37.22 o

7 3 6 306.18 297.68 40.77 o

-9 4 6 2299.92 2365.73 89.21 o

-8 4 6 126.02 149.86 30.09 o

-7 4 6 270.10 242.14 34.66 o

-6 4 6 203.96 194.21 30.60 o

-5 4 6 43.68 43.84 24.97 o

-4 4 6 1298.70 1363.55 59.12 o

-3 4 6 1925.18 1962.50 67.27 o

-2 4 6 3.25 -15.28 19.89 o

-1 4 6 321.43 362.94 32.61 o

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1 4 6 180.62 226.31 29.07 o

2 4 6 302.08 301.78 32.61 o

3 4 6 17.84 21.42 24.46 o

4 4 6 52.66 71.88 25.48 o

5 4 6 56.78 57.11 29.07 o

6 4 6 30.94 47.42 25.48 o

-9 5 6 356.97 316.55 42.30 o

-8 5 6 334.96 341.01 38.24 o

-7 5 6 3.10 -13.75 23.95 o

-6 5 6 82.38 93.27 26.51 o

-5 5 6 9.46 13.75 20.40 o

-4 5 6 76.56 62.19 23.44 o

-3 5 6 825.58 907.34 49.43 o

-2 5 6 2675.30 2772.47 80.54 o

-1 5 6 2.26 6.62 22.41 o

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2 5 6 490.16 528.60 41.28 o

3 5 6 1533.95 1580.72 67.79 o

4 5 6 894.91 825.26 54.55 o

5 5 6 281.69 286.46 37.22 o

6 5 6 2285.70 2083.84 87.16 o

-8 6 6 18.09 4.57 29.58 o

-7 6 6 30.89 25.48 24.97 o

-6 6 6 42.78 19.38 27.53 o

-5 6 6 1571.09 1690.81 69.83 o

-4 6 6 4.70 -1.54 23.44 o

-3 6 6 1798.90 1744.33 68.30 o

-2 6 6 3855.52 3995.37 101.42 o

-1 6 6 759.29 743.21 45.88 o

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4 6 6 306.91 329.82 39.27 o

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6 6 6 2647.47 2438.59 96.34 o

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-7 7 6 1100.21 1115.81 66.25 o

-6 7 6 788.45 860.43 56.08 o

-5 7 6 470.53 497.01 45.37 o

-4 7 6 158.13 152.93 31.59 o

-3 7 6 1321.37 1342.16 64.24 o

-2 7 6 3.49 6.11 21.94 o

-1 7 6 957.23 898.16 52.50 o

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2 7 6 91.95 106.54 28.04 o

3 7 6 48.07 62.70 29.58 o

4 7 6 1516.50 1482.85 73.41 o

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-7 8 6 278.99 274.25 39.74 o

-6 8 6 223.58 254.36 36.71 o

-5 8 6 67.63 68.81 26.51 o

-4 8 6 162.53 156.99 31.59 o

-3 8 6 129.76 171.29 32.10 o

-2 8 6 97.73 103.98 28.55 o

-1 8 6 3257.32 3187.40 97.36 o

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1 8 6 14.91 30.09 25.48 o

2 8 6 1470.87 1467.05 70.34 o

3 8 6 240.49 201.34 35.68 o

4 8 6 239.88 208.47 39.27 o

5 8 6 1767.93 1761.15 83.61 o

-7 9 6 130.51 138.64 34.66 o

-6 9 6 87.04 115.72 33.13 o

-5 9 6 477.42 407.29 44.35 o

-4 9 6 1081.59 1163.74 64.75 o

-3 9 6 3535.30 3851.10 109.10 o

-2 9 6 1684.97 1650.04 74.44 o

-1 9 6 846.28 873.70 57.58 o

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-6 10 6 348.30 322.14 44.35 o

-5 10 6 48.80 58.61 30.60 o

-4 10 6 860.82 784.49 59.63 o

-3 10 6 85.48 101.93 31.59 o

-2 10 6 13.27 46.40 27.53 o

-1 10 6 404.63 469.99 46.40 o

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-3 11 6 196.34 175.35 39.27 o

-2 11 6 590.97 628.01 51.99 o

-1 11 6 0.59 29.58 27.53 o

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-8 1 7 70.91 154.95 31.08 o

-7 1 7 634.04 621.87 49.94 o

-6 1 7 2307.87 2364.70 84.09 o

-5 1 7 141.16 146.79 28.04 o

-4 1 7 673.05 693.24 46.91 o

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3 1 7 936.41 859.41 54.55 o

4 1 7 201.34 218.16 34.66 o

5 1 7 2.16 -10.71 27.53 o

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-7 2 7 4260.90 4444.96 116.74 o

-6 2 7 365.83 317.06 37.73 o

-5 2 7 69.41 36.20 24.97 o

-4 2 7 2439.29 2185.77 78.50 o

-3 2 7 0.33 42.30 21.42 o

-2 2 7 145.00 120.80 27.02 o

-1 2 7 876.92 950.66 51.99 o

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4 2 7 679.14 614.23 49.94 o

5 2 7 2165.70 1957.41 86.14 o

-8 3 7 1051.71 1128.57 64.24 o

-7 3 7 150.98 162.11 32.61 o

-6 3 7 21.00 30.09 22.41 o

-5 3 7 404.03 465.39 41.79 o

-4 3 7 441.51 427.66 40.25 o

-3 3 7 38.01 34.66 23.95 o

-2 3 7 232.54 267.63 31.08 o

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5 3 7 339.69 353.25 41.28 o

-8 4 7 439.88 475.08 48.44 o

-7 4 7 14.47 -17.33 27.02 o

-6 4 7 148.28 185.04 34.66 o

-5 4 7 3327.05 3131.87 97.36 o

-4 4 7 179.35 186.57 31.59 o

-3 4 7 716.09 761.06 49.94 o

-2 4 7 2023.49 2053.24 76.96 o

-1 4 7 126.55 83.10 28.04 o

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1 4 7 6.16 -1.54 21.94 o

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4 4 7 4.29 -21.42 26.00 o

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-7 5 7 52.78 73.93 31.59 o

-6 5 7 1242.96 1351.85 66.25 o

-5 5 7 638.85 549.51 46.91 o

-4 5 7 79.76 93.27 29.07 o

-3 5 7 478.57 505.17 42.81 o

-2 5 7 67.38 76.45 27.53 o

-1 5 7 1416.79 1397.70 65.77 o

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1 5 7 1015.85 1053.14 59.12 o

2 5 7 679.45 725.88 51.99 o

3 5 7 3774.89 3613.05 109.10 o

4 5 7 1544.50 1562.37 75.43 o

-7 6 7 0.22 14.26 27.53 o

-6 6 7 2288.87 2384.56 90.23 o

-5 6 7 150.50 208.47 34.66 o

-4 6 7 512.68 468.97 43.84 o

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3 6 7 267.72 251.29 38.75 o

4 6 7 116.80 160.58 32.10 o

-6 7 7 308.31 279.84 39.74 o

-5 7 7 116.28 109.61 35.17 o

-4 7 7 350.82 429.19 45.37 o

-3 7 7 2327.97 2197.51 86.65 o

-2 7 7 382.81 410.84 40.77 o

-1 7 7 242.74 237.03 35.17 o

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2 7 7 615.96 697.33 53.01 o

3 7 7 1262.79 1279.97 70.86 o

-5 8 7 952.70 969.02 63.73 o

-4 8 7 720.66 725.37 57.58 o

-3 8 7 192.02 227.85 38.75 o

-2 8 7 135.44 174.84 32.61 o

-1 8 7 9.46 19.89 26.51 o

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-4 9 7 242.89 238.05 41.79 o

-3 9 7 139.20 155.97 35.68 o

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-5 0 8 236.76 271.69 37.73 o

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-2 0 8 70.51 66.25 27.53 o

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-4 1 8 888.34 950.66 58.61 o

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-2 1 8 458.33 436.32 44.86 o

-1 1 8 1233.17 1230.50 62.19 o

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-6 2 8 12.63 -15.28 27.02 o

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-4 2 8 1135.35 1235.62 64.24 o

-3 2 8 1156.26 1115.81 64.75 o

-2 2 8 284.03 290.55 37.73 o

-1 2 8 200.78 214.10 35.17 o

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-3 6 8 1668.50 1664.81 79.01 o

-2 6 8 8.16 -1.54 28.55 o

-1 6 8 664.96 665.23 55.06 o