**teams1.txt:**

no output

**teams4.txt:**

Philadelphia is eliminated.

They can win at most 80 + 3 = 83 games.

Atlanta and New\_York have won a total of 161 games

They play each other 6 times

So on average, each of the teams wins 167/2 = 83.5 games.

Montreal is eliminated.

They can win at most 77 + 3 = 80 games.

Atlanta has won a total of 83 games

They play each other 0 times

So on average, each of the teams wins 83/1 = 83.0 games.

**teams4a.txt:**

Ghaddafi is eliminated.

They can win at most 2 + 2 = 4 games.

CIA and Obama have won a total of 7 games

They play each other 2 times

So on average, each of the teams wins 9/2 = 4.5 games.

Bin\_Ladin is eliminated.

They can win at most 3 + 0 = 3 games.

Obama has won a total of 4 games

They play each other 0 times

So on average, each of the teams wins 4/1 = 4.0 games.

**teams4b.txt:**

Hufflepuff is eliminated.

They can win at most 7 + 2 = 9 games.

Gryffindor has won a total of 11 games

They play each other 0 times

So on average, each of the teams wins 11/1 = 11.0 games.

Ravenclaw is eliminated.

They can win at most 8 + 1 = 9 games.

Gryffindor has won a total of 11 games

They play each other 0 times

So on average, each of the teams wins 11/1 = 11.0 games.

Slytherin is eliminated.

They can win at most 7 + 2 = 9 games.

Gryffindor has won a total of 11 games

They play each other 0 times

So on average, each of the teams wins 11/1 = 11.0 games.

**teams5.txt:**

Detroit is eliminated.

They can win at most 49 + 27 = 76 games.

New\_York, Baltimore, Boston and Toronto have won a total of 278 games

They play each other 27 times

So on average, each of the teams wins 305/4 = 76.25 games.

**teams5a.txt:**

Detroit is eliminated.

They can win at most 49 + 28 = 77 games.

New\_York, Baltimore, Boston and Toronto have won a total of 278 games

They play each other 41 times

So on average, each of the teams wins 319/4 = 79.75 games.

**teams5b.txt:**

Detroit is eliminated.

They can win at most 49 + 7 = 56 games.

New\_York has won a total of 75 games

They play each other 0 times

So on average, each of the teams wins 75/1 = 75.0 games.

**teams5c.txt:**

Philadelphia is eliminated.

They can win at most 77 + 8 = 85 games.

Atlanta and Florida have won a total of 154 games

They play each other 19 times

So on average, each of the teams wins 173/2 = 86.5 games.

Washington is eliminated.

They can win at most 0 + 0 = 0 games.

New\_York has won a total of 83 games

They play each other 0 times

So on average, each of the teams wins 83/1 = 83.0 games.

**teams7.txt:**

Ireland is eliminated.

They can win at most 11 + 5 = 16 games.

U.S.A., France and Germany have won a total of 43 games

They play each other 6 times

So on average, each of the teams wins 49/3 = 16.333333333333332 games.

China is eliminated.

They can win at most 13 + 2 = 15 games.

France has won a total of 16 games

They play each other 0 times

So on average, each of the teams wins 16/1 = 16.0 games

**teams8.txt:**

Harvard is eliminated.

They can win at most 43 + 1 = 44 games.

Brown, Columbia, Cornell, Dartmouth, Penn and Princeton have won a total of 220 games

They play each other 45 times

So on average, each of the teams wins 265/6 = 44.166666666666664 games.

Yale is eliminated.

They can win at most 43 + 1 = 44 games.

Brown, Columbia, Cornell, Dartmouth, Penn and Princeton have won a total of 220 games

They play each other 45 times

So on average, each of the teams wins 265/6 = 44.166666666666664 games.

**teams10.txt:**

Houston is eliminated.

They can win at most 31 + 0 = 31 games.

Indiana has won a total of 32 games

They play each other 0 times

So on average, each of the teams wins 32/1 = 32.0 games.

**teams12.txt:**

Japan is eliminated.

They can win at most 2 + 4 = 6 games.

Poland, Russia, Brazil and Iran have won a total of 21 games

They play each other 4 times

So on average, each of the teams wins 25/4 = 6.25 games.

Serbia is eliminated.

They can win at most 1 + 5 = 6 games.

Poland, Russia, Brazil and Iran have won a total of 21 games

They play each other 4 times

So on average, each of the teams wins 25/4 = 6.25 games.

Egypt is eliminated.

They can win at most 1 + 4 = 5 games.

Poland has won a total of 6 games

They play each other 0 times

So on average, each of the teams wins 6/1 = 6.0 games.

China is eliminated.

They can win at most 0 + 4 = 4 games.

Poland has won a total of 6 games

They play each other 0 times

So on average, each of the teams wins 6/1 = 6.0 games.

**teams24.txt:**

Team4 is eliminated.

They can win at most 66 + 14 = 80 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

Team5 is eliminated.

They can win at most 71 + 11 = 82 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

Team7 is eliminated.

They can win at most 68 + 13 = 81 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

Team9 is eliminated.

They can win at most 65 + 16 = 81 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

Team11 is eliminated.

They can win at most 74 + 8 = 82 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

Team12 is eliminated.

They can win at most 70 + 11 = 81 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

Team13 is eliminated.

They can win at most 69 + 15 = 84 games.

Team14, Team15, Team17, Team20 and Team22 have won a total of 412 games

They play each other 15 times

So on average, each of the teams wins 427/5 = 85.4 games.

Team16 is eliminated.

They can win at most 55 + 20 = 75 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

Team19 is eliminated.

They can win at most 68 + 10 = 78 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

Team23 is eliminated.

They can win at most 62 + 21 = 83 games.

Team22 has won a total of 84 games

They play each other 0 times

So on average, each of the teams wins 84/1 = 84.0 games.

**teams29.txt:**

Detroit is eliminated.

They can win at most 103 + 25 = 128 games.

Atlanta, Boston, Chicago, Cleveland, Dallas, Denver and Philadelphia have won a total of 843 games

They play each other 113 times

So on average, each of the teams wins 956/7 = 136.57142857142858 games.

Golden\_State is eliminated.

They can win at most 98 + 33 = 131 games.

Atlanta, Boston, Chicago, Cleveland, Dallas and Denver have won a total of 721 games

They play each other 105 times

So on average, each of the teams wins 826/6 = 137.66666666666666 games.

Houston is eliminated.

They can win at most 114 + 15 = 129 games.

Atlanta, Boston, Chicago, Cleveland, Dallas, Denver and Philadelphia have won a total of 843 games

They play each other 113 times

So on average, each of the teams wins 956/7 = 136.57142857142858 games.

Indiana is eliminated.

They can win at most 93 + 23 = 116 games.

Chicago has won a total of 125 games

They play each other 0 times

So on average, each of the teams wins 125/1 = 125.0 games.

LA\_Clippers is eliminated.

They can win at most 92 + 26 = 118 games.

Chicago has won a total of 125 games

They play each other 0 times

So on average, each of the teams wins 125/1 = 125.0 games.

LA\_Lakers is eliminated.

They can win at most 106 + 30 = 136 games.

Atlanta, Boston, Chicago, Cleveland, Dallas and Denver have won a total of 721 games

They play each other 105 times

So on average, each of the teams wins 826/6 = 137.66666666666666 games.

Memphis is eliminated.

They can win at most 95 + 35 = 130 games.

Atlanta, Boston, Chicago, Cleveland, Dallas and Denver have won a total of 721 games

They play each other 105 times

So on average, each of the teams wins 826/6 = 137.66666666666666 games.

New\_Jersey is eliminated.

They can win at most 117 + 20 = 137 games.

Atlanta, Boston, Chicago, Cleveland, Dallas and Denver have won a total of 721 games

They play each other 105 times

So on average, each of the teams wins 826/6 = 137.66666666666666 games.

New\_Orleans is eliminated.

They can win at most 119 + 15 = 134 games.

Atlanta, Boston, Chicago, Cleveland, Dallas and Denver have won a total of 721 games

They play each other 105 times

So on average, each of the teams wins 826/6 = 137.66666666666666 games.

New\_York is eliminated.

They can win at most 113 + 23 = 136 games.

Atlanta, Boston, Chicago, Cleveland, Dallas and Denver have won a total of 721 games

They play each other 105 times

So on average, each of the teams wins 826/6 = 137.66666666666666 games.

Orlando is eliminated.

They can win at most 100 + 19 = 119 games.

Chicago has won a total of 125 games

They play each other 0 times

So on average, each of the teams wins 125/1 = 125.0 games.

Phoenix is eliminated.

They can win at most 103 + 26 = 129 games.

Atlanta, Boston, Chicago, Cleveland, Dallas, Denver and Philadelphia have won a total of 843 games

They play each other 113 times

So on average, each of the teams wins 956/7 = 136.57142857142858 games.

Portand is eliminated.

They can win at most 104 + 21 = 125 games.

Atlanta, Boston, Chicago, Cleveland, Dallas, Denver, Philadelphia and Sacramento have won a total of 967 games

They play each other 117 times

So on average, each of the teams wins 1084/8 = 135.5 games.

San\_Antonio is eliminated.

They can win at most 102 + 26 = 128 games.

Atlanta, Boston, Chicago, Cleveland, Dallas, Denver and Philadelphia have won a total of 843 games

They play each other 113 times

So on average, each of the teams wins 956/7 = 136.57142857142858 games.

Toronto is eliminated.

They can win at most 113 + 16 = 129 games.

Atlanta, Boston, Chicago, Cleveland, Dallas, Denver and Philadelphia have won a total of 843 games

They play each other 113 times

So on average, each of the teams wins 956/7 = 136.57142857142858 games.

Utah is eliminated.

They can win at most 107 + 29 = 136 games.

Atlanta, Boston, Chicago, Cleveland, Dallas and Denver have won a total of 721 games

They play each other 105 times

So on average, each of the teams wins 826/6 = 137.66666666666666 games.

Washington is eliminated.

They can win at most 113 + 24 = 137 games.

Atlanta, Boston, Chicago, Cleveland, Dallas and Denver have won a total of 721 games

They play each other 105 times

So on average, each of the teams wins 826/6 = 137.66666666666666 games.

**teams30.txt:**

Team0 is eliminated.

They can win at most 70 + 12 = 82 games.

Team16 has won a total of 83 games

They play each other 0 times

So on average, each of the teams wins 83/1 = 83.0 games.

Team7 is eliminated.

They can win at most 62 + 18 = 80 games.

Team16 has won a total of 83 games

They play each other 0 times

So on average, each of the teams wins 83/1 = 83.0 games.

Team12 is eliminated.

They can win at most 60 + 20 = 80 games.

Team16 has won a total of 83 games

They play each other 0 times

So on average, each of the teams wins 83/1 = 83.0 games.

Team18 is eliminated.

They can win at most 68 + 15 = 83 games.

Team10, Team16, Team19 and Team21 have won a total of 327 games

They play each other 6 times

So on average, each of the teams wins 333/4 = 83.25 games.

Team27 is eliminated.

They can win at most 68 + 15 = 83 games.

Team10, Team16, Team19 and Team21 have won a total of 327 games

They play each other 6 times

So on average, each of the teams wins 333/4 = 83.25 games.

**teams36.txt:**

Team17 is eliminated.

They can win at most 71 + 28 = 99 games.

Team5 has won a total of 100 games

They play each other 0 times

So on average, each of the teams wins 100/1 = 100.0 games.

Team21 is eliminated.

They can win at most 79 + 23 = 102 games.

Team18, Team20, Team22 and Team23 have won a total of 387 games

They play each other 22 times

So on average, each of the teams wins 409/4 = 102.25 games.

**teams48.txt:**

Team4 is eliminated.

They can win at most 19 + 12 = 31 games.

Team19 has won a total of 33 games

They play each other 0 times

So on average, each of the teams wins 33/1 = 33.0 games.

Team6 is eliminated.

They can win at most 28 + 6 = 34 games.

Team38, Team39 and Team40 have won a total of 99 games

They play each other 4 times

So on average, each of the teams wins 103/3 = 34.333333333333336 games.

Team11 is eliminated.

They can win at most 19 + 10 = 29 games.

Team19 has won a total of 33 games

They play each other 0 times

So on average, each of the teams wins 33/1 = 33.0 games.

Team23 is eliminated.

They can win at most 22 + 11 = 33 games.

Team0, Team1, Team2, Team3, Team5, Team7, Team8, Team9, Team10, Team12, Team13, Team14, Team15, Team16, Team17, Team18, Team19, Team20, Team21, Team22, Team24, Team26, Team28, Team30, Team31, Team32, Team33, Team34, Team35, Team36, Team37, Team38, Team39, Team40, Team41 and Team46 have won a total of 1012 games

They play each other 188 times

So on average, each of the teams wins 1200/36 = 33.333333333333336 games.

Team25 is eliminated.

They can win at most 27 + 5 = 32 games.

Team19 has won a total of 33 games

They play each other 0 times

So on average, each of the teams wins 33/1 = 33.0 games.

Team47 is eliminated.

They can win at most 23 + 10 = 33 games.

Team0, Team1, Team2, Team3, Team5, Team7, Team8, Team9, Team10, Team12, Team13, Team14, Team15, Team16, Team17, Team18, Team19, Team20, Team21, Team22, Team24, Team26, Team28, Team30, Team31, Team32, Team33, Team34, Team35, Team36, Team37, Team38, Team39, Team40, Team41 and Team46 have won a total of 1012 games

They play each other 188 times

So on average, each of the teams wins 1200/36 = 33.333333333333336 games.

**Teams50.txt:**

No output

**Teams54.txt:**

They can win at most 27 + 8 = 35 games.

Team33, Team34, Team36 and Team41 have won a total of 137 games

They play each other 7 times

So on average, each of the teams wins 144/4 = 36.0 games.

Team7 is eliminated.

They can win at most 22 + 12 = 34 games.

Team33 has won a total of 35 games

They play each other 0 times

So on average, each of the teams wins 35/1 = 35.0 games.

Team15 is eliminated.

They can win at most 24 + 9 = 33 games.

Team33 has won a total of 35 games

They play each other 0 times

So on average, each of the teams wins 35/1 = 35.0 games.

Team29 is eliminated.

They can win at most 25 + 10 = 35 games.

Team33, Team34, Team36 and Team41 have won a total of 137 games

They play each other 7 times

So on average, each of the teams wins 144/4 = 36.0 games.

Team31 is eliminated.

They can win at most 14 + 20 = 34 games.

Team33 has won a total of 35 games

They play each other 0 times

So on average, each of the teams wins 35/1 = 35.0 games.

Team37 is eliminated.

They can win at most 22 + 13 = 35 games.

Team33, Team34, Team36 and Team41 have won a total of 137 games

They play each other 7 times

So on average, each of the teams wins 144/4 = 36.0 games.

Team43 is eliminated.

They can win at most 19 + 11 = 30 games.

Team33 has won a total of 35 games

They play each other 0 times

So on average, each of the teams wins 35/1 = 35.0 games.

Team50 is eliminated.

They can win at most 25 + 10 = 35 games.

Team33, Team34, Team36 and Team41 have won a total of 137 games

They play each other 7 times

So on average, each of the teams wins 144/4 = 36.0 games.

**Teams60.txt:**

Team5 is eliminated.

They can win at most 18 + 15 = 33 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team6 is eliminated.

They can win at most 32 + 6 = 38 games.

Team10, Team20 and Team22 have won a total of 112 games

They play each other 3 times

So on average, each of the teams wins 115/3 = 38.333333333333336 games.

Team7 is eliminated.

They can win at most 23 + 13 = 36 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team9 is eliminated.

They can win at most 26 + 11 = 37 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team14 is eliminated.

They can win at most 25 + 12 = 37 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team19 is eliminated.

They can win at most 27 + 9 = 36 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team21 is eliminated.

They can win at most 28 + 10 = 38 games.

Team10, Team20 and Team22 have won a total of 112 games

They play each other 3 times

So on average, each of the teams wins 115/3 = 38.333333333333336 games.

Team26 is eliminated.

They can win at most 26 + 11 = 37 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team27 is eliminated.

They can win at most 24 + 12 = 36 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team30 is eliminated.

They can win at most 29 + 9 = 38 games.

Team10, Team20 and Team22 have won a total of 112 games

They play each other 3 times

So on average, each of the teams wins 115/3 = 38.333333333333336 games.

Team36 is eliminated.

They can win at most 28 + 9 = 37 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team39 is eliminated.

They can win at most 26 + 12 = 38 games.

Team10, Team20 and Team22 have won a total of 112 games

They play each other 3 times

So on average, each of the teams wins 115/3 = 38.333333333333336 games.

Team40 is eliminated.

They can win at most 26 + 11 = 37 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team46 is eliminated.

They can win at most 24 + 13 = 37 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team51 is eliminated.

They can win at most 29 + 9 = 38 games.

Team10, Team20 and Team22 have won a total of 112 games

They play each other 3 times

So on average, each of the teams wins 115/3 = 38.333333333333336 games.

Team53 is eliminated.

They can win at most 25 + 10 = 35 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team56 is eliminated.

They can win at most 28 + 9 = 37 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.

Team57 is eliminated.

They can win at most 27 + 10 = 37 games.

Team10 has won a total of 38 games

They play each other 0 times

So on average, each of the teams wins 38/1 = 38.0 games.