



# WORLD CUP POINTS PUZZLES

In the group stages of World Cups, each group has four teams in it (as below).

Each team plays three games – they play every other team in the group once.

## Group A

Mexico  
South Africa  
South Korea  
Czech Republic

- 1) How many games are played in total in group A?

A win gives a team 3 points, a draw gives them 1 point, and a loss gives them 0 points.

- 2) Write out all the possible total points that a team could get in the group stages.  
Eg WWW = 9 points  
LLL = 0 points

3) Can two teams in the same group get 9 points (from three wins)?

Can two teams in the same group get 0 points (from three losses)?

4) Can two teams in the same group both get 7 points? What's the maximum number of teams in one group that can all achieve 7 points?

5) Can two teams in the same group both get 1 point? What's the maximum number of teams in one group that can all achieve 1 point?

