



Mental maths questions (measurement)

The questions below are for all number operations involving measurement:

- 1) A rugby pitch is not allowed to be longer than 100 metres and can be no wider than 70 metres. If this was the actual length and width, what would the perimeter of the rugby pitch be?
- 2) The goalposts in a game of rugby must be 5.6 metres apart. If a player sprinted between the posts 5 times, how far would he run?
- 3) Each playing area on the rugby pitch is marked by posts with flags. These must be a minimum of 1.2 metres in height. There are 14 flags altogether. If they were exactly 1.2 metres in height, what length would they measure if they were laid on the ground end-to-end?
- 4) The heaviest player in the 1987 world cup was 170kg and the lightest player was 65kg. What was the difference in their weights?
- 5) The tallest player in the 1991 world cup was 203cm and the shortest player was 168cm. What was the difference in their heights?
- 6) The shortest average squad height in the 1995 world cup was 181cm. Based on this average height, what length would 3 players measure if they lay down in a straight line head to toe?
- 7) In the 1999 world cup, 4 players from the lightest squad would have weighed 364kg. On average, what did one player weigh?
- 8) If the two 'in goal' areas were 70 metres wide and 10 metres long, what is the total area of both in goal areas altogether?
- 9) One prop in the front row weighs 163kg, the other prop weighs 137kg and the hooker weighs 135kg. How much does the front row weigh?
- 10) A player ran the width of the field (70 metres) 6 times during the warm up. How far did he run?