



Cricket Maths

GotGame

Try the following maths questions, use a maths book or spare sheet of paper to show your working out.

1. How many runs a single player can score in One day match (50 overs/ 300 balls)? Remember it is 4 runs if the ball bounces over the boundary, 6 if it goes over without bouncing.

Answer:

- A) 1800.
- B) 1650.
- C) 1653.
- D) 1550.
- E) 1555
- F) 1506

2. Run rates are worked out by dividing the total number of runs by the number of overs. Can you work out the following run rates:
- a. Team A got 250 runs from 50 overs
 - b. Team B got 220 runs from 40 overs
 - c. Team C got 252 runs from 45 overs

Which team has the best (lowest) run rate?

3. In cricket there are two batters on the pitch. The one facing the bowler is “on strike” play switches between the batsmen as they score runs. If player 1 was on strike and scores 1 run, player 2 would be on strike. If player 2 scores 2 runs, they would be back at the same end and “keep the strike. Can you work out who is on strike at the end of each?
- a. Player 1 is on strike, Scores per ball: 1, 4, 3. Who is on strike now?
 - b. Player 1 is on strike, Scores per ball: 0, 4, 1, 2. Who is on strike now?
 - c. Player 2 is on strike. Scores per ball: 1, 3, 4, 6, 1. Who is on strike now?
 - d. Play switches at the end of an over (6 balls). Player 1 is on strike. Scores per ball: 1, 0, 1, 4, 6, 1. Who is on strike for the next over?