

Perimeter and Area of Quadrilaterals

Multiple choice questions

- 1) What is the distance covered by an athlete in one round of a squared shape path, which has length of each of its sides as 40 m?
 - a) 40 m
 - b) 80 m
 - c) 120 m
 - d) 160 m

- 2) What is the perimeter of a rectangle of size 10 cm × 12 cm?
 - a) 22 cm
 - b) 55 cm
 - c) 33 cm
 - d) 44 cm

- 3) The per square foot cost of painting a rectangular wall with an area of 200 square feet is \$2. How much will it cost to paint the wall completely?
 - a) \$400
 - b) \$300
 - c) \$200
 - d) \$100

- 4) Cost of fencing a squared shape path with each of its side of 12 m at the rate of \$5 per metre is
 - a) \$200
 - b) \$220
 - c) \$240
 - d) \$260

- 5) The area of a rectangle is 240 cm². Its length is 12 cm. The breadth will be
 - a) 20 cm
 - b) 22 cm
 - c) 24 cm
 - d) 26 cm

- 6) If length and breadth of rectangle is doubled, then its area will
- remains same
 - be 2 times area of the old rectangle
 - be 4 times area of the old rectangle
 - be 8 times area of the old rectangle
- 7) Area of the floor is 10000 cm^2 and the area of a tile used to cover the floor is 500 cm^2 . How many tiles are required to cover the whole floor?
- 10
 - 15
 - 30
 - 20
- 8) The length and breadth of a rectangle are in the ratio of 3 : 4. Its area is 1200 cm^2 . What should be the length and breadth of the rectangle?
- 30 cm and 40 cm
 - 40 cm and 30 cm
 - 36 cm and 48 cm
 - 48 cm and 36 cm
- 9) If the sides of a square are doubled then its area will
- be 6 times area of the old square
 - be 2 times area of the old square
 - be 4 times area of the old square
 - remain same
- 10) How many times will the new area of a rectangle be if its length remains same and breadth is doubled?
- 6 times area of the old rectangle
 - 4 times area of the old rectangle
 - 2 times area of the old rectangle
 - remains same