

Mathematics Test

M.M.-35

Class VII

Time-1hr

Perimeter and Area

- Q1. The length and breadth of a rectangular piece of land are 810 m and 450 m respectively. Find— 2 x 2 = 4
- a. Its area b. The cost of land, if 1 m² of the land costs ₹10,00,000.
- Q2. Find the area of— 2 x 4 = 8
- a. Parallelogram with base 8 cm and height 12 cm.
b. Rectangle with breadth 22.8 cm and length twice the breadth.
c. Right triangle with perpendicular 4 cm and hypotenuse 5 cm.
d. Square with side 45 km.
- Q3. Find the perimeter of— 2 x 4 = 8
- a) Rhombus with diagonals 30 cm and 16 cm.
b) Rhombus with diagonals 12m and 500cm
c) Square with area 625m².
d) Rectangle with area 82cm² and breadth 2m
- Q4. Find the perimeter of a right-angled triangle with area 12cm². 3 x 1 = 3
- Q5. The measure of two adjacent sides of a parallelogram are in the ratio 17:7. Find the area of the parallelogram. 2 x 1 = 2
- Q6. Find the perimeter and area of a semicircle with diameter 9m. 4 x 1 = 4
- Q7. Find the area of a parallelogram with base 5 cm and height 3 m. 2 x 1 = 2
- Q8. A circus tent has a diameter of 88m. The ring at the center for the performers is 44m in circumference. Find the remaining area. 4 x 1 = 4