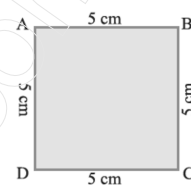CBSE Worksheet-38

CLASS – VI Mathematics (Mensuration)

Choose correct option in questions 1 to 5.

1. Find the perimeter of a regular pentagon with each side measuring 3 cm.
    a. 15 cm   b. 10 cm
    c. 6 cm   d. 12 cm

2. Area of a rectangle = _____
    a. (length + breadth)   b. (length × breadth)
    c. (length/breadth)   d. none of these

3. What is the perimeter of the following figure?

    a. 45 cm   b. 35 cm
    c. 20 cm   d. 15 cm

4. Find the area of a square plot of side 7 m.
    a. 14 square m   b. 28 square m
    c. 21 square m   d. 49 square m

5. Find the perimeter of an isosceles triangle with equal sides 8 cm each and third side 6cm.
    a. 22 cm   b. 16 cm
    c. 14 cm   d. 20 cm

Fill in the blanks:

6. _____ is the distance covered along the boundary forming a closed figure when you go round the figure once.
7. Perimeter of a rectangle = _____ × (length + breadth)
8. Perimeter of a square = _____ × length of a side
9. Perimeter of an _____ = 3 × length of a side

10. Meera went to a park 150 m long and 80 m wide. She took one complete round on its boundary. What is the distance covered by her?

11. A farmer has a rectangular field of length and breadth 240 m and 180 m respectively. He wants to fence it with 3 rounds of rope. What is the total length of rope he must use?

12. A room is 4 m long and 3 m 50 cm wide. How many square metres of carpet is needed to cover the floor of the room?

Answer key:

1.   a
2.   b
3.   c
4.   d
5.   a
6.   Perimeter
7.   2
8.   4
9.   equilateral triangle
10.   460 m
11.   2520 m
12.   14 square m