

Maths-7

Chapter 10: Perimeters and Area – Answer Key

A. MCQs

1. A
2. B
3. C
4. C
5. C

B. Fill in the Blanks

1. Total
2. Length
3. Side
4. Square
5. 10000

C. Short Answers

1. Perimeter = $2(l+b) = 2(12+5) = 34$ cm
2. Area = $9 \times 4 = 36$ cm²
3. Perimeter = $4 \times 11 = 44$ cm
4. 5000 cm² = $5000/10000 = 0.5$ m²
5. Area = $1/2 \times 14 \times 8 = 56$ cm²

D. Word Problems

1. Area = $50 \times 50 = 2500$ m²
2. Perimeter = $2(25 + 18) = 86$ m
3. Area = $1/2 \times 40 \times 25 = 500$ m²
4. Area of floor = $20 \times 15 = 300$ m² → Carpet needed = 300 m²
5. Perimeter = $4s \rightarrow 200 = 4s \rightarrow s = 50$ m