

Board –CBSE	Class – 7 th	Topic – Perimeter and Area
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Section A – MCQs (1 Mark Each)

1. Which unit is used to measure area?
a) cm b) cm^2 c) cm^3 d) m
2. What is the perimeter of a rectangle of length 10 cm and breadth 5 cm?
a) 15 cm b) 30 cm c) 25 cm d) 20 cm
3. Area of a square is 36 cm^2 . What is its side length?
a) 4 cm b) 5 cm c) 6 cm d) 3 cm
4. Area of a parallelogram is given by:
a) $\text{base} \times \text{height}$ b) $\text{base} + \text{height}$ c) $\frac{1}{2} \times \text{base} \times \text{height}$ d) $\text{side} \times \text{side}$
5. The height of a triangle is doubled. Its area becomes:
a) Half b) Double c) Same d) Triple

Section B – Subjective (2 Marks Each)

6. Find the area and perimeter of a square with side 9 cm.
7. The area of a rectangle is 48 cm^2 . If its length is 8 cm, find the breadth.
8. Find the area of a parallelogram with base 14 cm and height 6 cm.

Section C – Application-based (3 Marks Each)

9. A rectangular carpet is 7 m long and 4 m wide. What will be the cost of stitching its boundary at 25 per metre?
10. A triangular park has a base of 20 m and a height of 12 m.
(a) Find its area.
(b) If grass costs 8 per m^2 , find total cost.

Section D – HOTS / Word Problems (4 Marks Each)

11. A room is 10 m long and 8 m wide. It is to be covered with square tiles of side 2 m.
(a) Find the number of tiles needed.
(b) Also find the total area covered.
12. A path of width 2 m runs around a rectangular garden of size 30 m by 20 m. Find the area of the path.