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Class- 7th

Sub- maths

Home work

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Ch-10 Perimeter and Area

Perimeter of a regular polygon = number of sides
 \times length of one side.

Perimeter of a square = $4 \times$ side

Perimeter of rectangle = $2(\text{length} \times \text{breadth})$

Area of a square = side \times side

Area of rectangle = $\text{length} \times \text{breadth}$

Length of rectangle = $\text{area} \div \text{breadth}$

Breadth of rectangle = $\text{area} \div \text{length}$

Question 1.

The side of a square is 2.5 cm. Find its perimeter and area.

Solution:

Side of the square = 2.5 cm

Perimeter = $4 \times \text{Side} = 4 \times 2.5 = 10 \text{ cm}$

Area = $(\text{side})^2 = (2.5)^2 = 6.25 \text{ cm}^2$

Question 2.

If the perimeter of a square is 24 cm. Find its area.

Solution:

Perimeter of the square = 24 cm

Side of the square = $\frac{24}{4} \text{ cm} = 6 \text{ cm}$

Area of the square = $(\text{Side})^2 = (6)^2 \text{ cm}^2 = 36 \text{ cm}^2$