

I. Multiple choice questions:

1. 25 2. Perimeter 3. $4 \times \text{side}$ 4. Centi

II. Solve the following:

5. Soln:

$$\begin{aligned} \text{Perimeter of a square} &= 4 \times \text{side units} \\ &= (4 \times 10.5) \text{ cm} \\ &= 42 \text{ cm} \end{aligned}$$

Ans: Perimeter of a square is 42cm.

6. Area = 330sq. cm
Breath = 15cm
Length = ?

$$\begin{aligned} \text{Area of a rectangle} &= \ell \times b \\ 330 &= \ell \times 15 \\ \frac{330}{15} &= \ell \\ \ell &= 22 \text{ cm} \end{aligned}$$

Ans: Length of a rectangular garden is 22cm.

III. Answer the following: (Any two)

7. Length = 11cm
Breadth = 5cm
Area = ?
Perimeter = ?

$$\begin{aligned} \text{Area of a rectangle} &= (\ell \times b) \text{ sq. units} \\ &= 11 \times 5 \\ &= 55 \text{ sq. cm} \\ \text{Perimeter of a rectangle} &= 2 \times (\ell + b) \text{ units} \\ &= 2 \times (11 + 5) \text{ cm} \\ &= 2 \times (16) \\ &= 32 \text{ cm} \end{aligned}$$

Ans: Area and perimeter of the card is 55 sq. cm and 32cm.

8. Side = 6m
Area = ?

$$\begin{aligned} \text{Area of a square plot} &= (\text{side} \times \text{side}) \text{ sq. units} \\ &= (6 \times 6) \text{ sq. m} \\ &= 36 \text{ sq. m} \end{aligned}$$

Ans: Area of a square plot is 36 sq. m.