

## Concept of Area



### Area of Square:

Area of square is given by the product of its edges.

Area of square = (edge  $\times$  edge) square units



### Area of Rectangle:

Area of rectangle is given by the product of its length and breadth.

Area of rectangle = (length  $\times$  breadth) square units



### Let us understand with some examples:

**Example:** Find the area of a square whose edge is 6 cm.

**Solution:** We know that, area of square is product of its sides

$$\begin{aligned}\text{Area of square} &= \text{side} \times \text{side} \\ &= 6 \times 6 = 36 \text{ cm}^2\end{aligned}$$

**Example:** Find the area of a rectangle whose length = 4cm and breadth = 6 cm.

**Solution:** We know that, area of rectangle is product of its length and breadth

$$\begin{aligned}\text{Area of rectangle} &= \text{length} \times \text{breadth} \\ &= 4 \times 6 \\ &= 24 \text{ cm}^2\end{aligned}$$