

# Perimeter and area.

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## Worksheet

A. Fill in the blanks.

1. The distance around a plane figure is called its perimeter.
2. A farmer who wants to fence his field, must find the area of the field.
3. Perimeter of a square with side 15 cm is 60 cm.
4. Area of a rectangle with length 9 m and breadth 3 m is 27 m<sup>2</sup>.

5. The area of a square field with side 11 cm is 121 sq. cm

B. choose the correct answer.

1. Area of a square is side  $\times$  side

2. The area of a square is equal to the area of a rectangle of length = 8 cm and breadth = 2 cm. What is the side of the square?

Ans - 4 cm

3. The breadth of a rectangle is increased by 2 cm. Its perimeter is now increased by 4 cm.

4. 8 m is the length of a rectangle whose area is  $72\text{m}^2$  and breadth is 9 m.

5. 1 square metre is the area of a square of side 1 m.

C. Solve the word problems:-

1. Solution:-

i)

The length of the table cloth = 4 m

The breadth of the tablecloth = 3 m

The length of the lace =  $2 \times (L + B)$   
 $= (4 + 3) \text{ m} \times 2$   
 $= 14 \text{ m}$

ii The cost of 1 metre of lace = ₹4.

$$\begin{aligned} \text{The cost of 14 m of lace} &= 14 \times 4 \\ &= 56 \end{aligned}$$

Therefore 14 m of lace is required and the cost of 14 m of lace is ₹56-.

2. Ans:- Both A and R are true But R is not the correct explanation of A.