

Std 6 MATHS

Solve the following.

1. The length and breadth of a rectangle are 40 cm and 10 cm respectively. Its perimeter is:

- (a) 100 cm
- (b) 120 cm
- (c) 140 cm
- (d) none of these

2. The side of a square is 8 cm. Its area is:

- (a) 64 cm²
- (b) 84 cm²
- (c) 100 cm²
- (d) none of these

3. The area of a rectangle is 40 cm². If its breadth is 4 cm, then its length is:

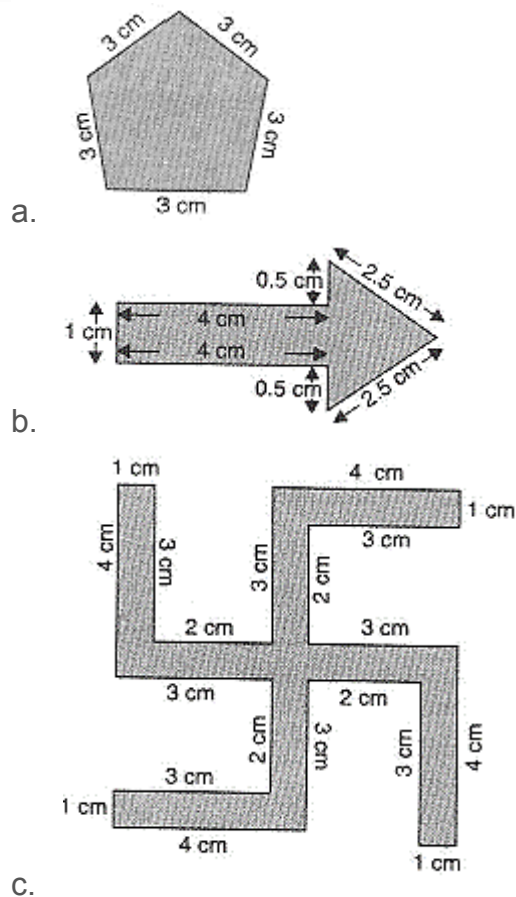
- (a) 20 cm
- (b) 30 cm
- (c) 10 cm
- (d) none of these

4. The area of square is 100 cm². Its side is:

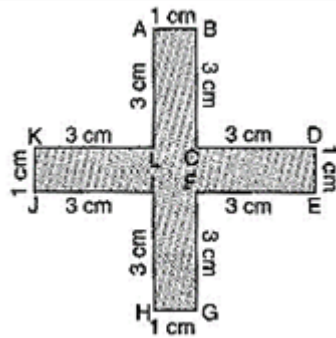
- (a) 20 cm
- (b) 30 cm

(d) none of these

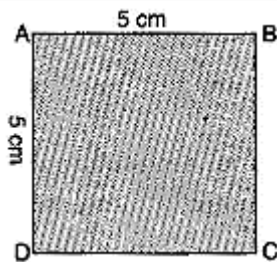
- _____ is a rectangle whose all sides are equal.
- The amount of surface enclosed by a figure is called its _____.
- For fencing the plot, we need to calculate its _____.
- _____ is the sum of all sides.
- Find the area of the rectangle whose side are :3 cm and 4 cm
- Find the area of the rectangle whose side are :12 m and 21 m
- Find the perimeter of each of the following figures given below?



8. Find the perimeter of the following figure?



9. Find the perimeter of the following figure given below.



10 The length of rectangle is thrice its breadth and its perimeter is 48cm. Find length and breadth of rectangle.

Find the missing numbers in the following proportions :

- (i) $3 : 4 = 6 : \square$
- (ii) $5 : 8 = \square : 40$
- (iii) $7 : 21 = \square : 33$
- (iv) $5 : 100 = \square : 40$
- (v) $2 : 5 = \square : 15$

Question 2 :

A disaster relief team consists of engineers and doctors in the ratio of 2 : 5.

a) If there are 18 engineers, find the number of doctors.

b) If there are 65 doctors, find the number of engineers.

==Question 3 :

The ratio of teachers to students in a school is 1 : 15. If there are 675 students, how many teachers are there ?

Question 4 :

A farmer has sheep and cattle in the ratio 8 : 3.

a) How many sheep has the farmer if he has 180 cattle?

b) Find the ratio of the number of sheep to the total number of animals.