Perimeter And Area

I) Fill in the blanks :

1. _____ is the distance around the figure.

2. Perimeter of a square _____.

3. Perimeter ÷ 4 = a _____ of a square.

4. Perimeter of a regular pentagon is 125cm. What is the length of the side?

5. Length of the rectangle = _____ ÷ breadth.

II) Do as directed :

1. Find the perimeter of the following :

   a. Rectangle whose l=5cm and b=4cm.

   b. Square whose side = 15cm

   c. A regular hexagon, side =7.2cm

   d. Equilateral triangle , side =5cm

2. Find the side of the square whose perimeter is

   a)22cm   b)16cm.

3. Shika runs around a square of side 75m. Priya runs around a rectangle with length 60m and breadth 45m. Who covers the small distance ?

4. The length of a rectangular field is 100m. If its perimeter is 300m. What is its breadth?

5. Find the cost of fencing a rectangular park of length 175m and breadth 125cm at the rate of Rs 12/cm.

6. The area of a rectangle is 240sq.cm. If its length is 20cm. Find its breadth.

7. A marble tile measures 25cm by 20cm. How many tiles will be required to cover a wall of size 4cm by 3cm ?

8. Find the perimeter of a rectangle whose area is 650 sq.cm and its breadth is 13cm.

9. The side of a square is 70cm. Find its area and perimeter.

Ans :

I) 1. Perimeter   2. 4 x length of a side   3. a length of a side   4. 25cm   5. Area.

II) 1. a) 18cm   b)60cm   c)36cm   d)15cm   2. a) 5.5cm   b)4cm   3 Priya covers the small distance.4. 50cm   5. Rs 7200   6. 12cm 7)240 tiles.   8. 126cm

9. Area : 4900sq.cm   perimeter = 280cm