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## **Perimeter And Area**

I) Fill in the blanks :

1. \_\_\_\_\_ is the distance around the figure.
2. Perimeter of a square \_\_\_\_\_.
3. Perimeter  $\div 4$  = a \_\_\_\_\_ of a square.
4. Perimeter of a regular pentagon is 125cm. What is the length of the side?
5. Length of the rectangle = \_\_\_\_\_  $\div$  breadth.

II) Do as directed :

1. Find the perimeter of the following :
  - a. Rectangle whose  $l=5\text{cm}$  and  $b=4\text{cm}$ .
  - b. Square whose side =  $15\text{cm}$
  - c. A regular hexagon, side =  $7.2\text{cm}$
  - d. Equilateral triangle , side =  $5\text{cm}$
2. Find the side of the square whose perimeter is  
a)  $22\text{cm}$       b)  $16\text{cm}$ .
3. Shika runs around a square of side  $75\text{m}$ . Priya runs around a rectangle with length  $60\text{m}$  and breadth  $45\text{m}$ . Who covers the small distance ?
4. The length of a rectangular field is  $100\text{m}$ . If its perimeter is  $300\text{m}$ . What is its breadth?
5. Find the cost of fencing a rectangular park of length  $175\text{m}$  and breadth  $125\text{cm}$  at the rate of Rs  $12/\text{cm}$ .
6. The area of a rectangle is  $240\text{sq.cm}$ . If its length is  $20\text{cm}$ . Find its breadth.
7. A marble tile measures  $25\text{cm}$  by  $20\text{cm}$ . How many tiles will be required to cover a wall of size  $4\text{cm}$  by  $3\text{cm}$  ?
8. Find the perimeter of a rectangle whose area is  $650\text{ sq.cm}$  and its breadth is  $13\text{cm}$ .
9. The side of a square is  $70\text{cm}$ . Find its area and perimeter.

Ans :

I) 1. Perimeter   2.  $4 \times$  length of a side   3. a length of a side   4.  $25\text{cm}$    5. Area.

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

9. Area :  $4900\text{sq.cm}$    perimeter =  $280\text{cm}$