Chapter- 14

Perimeter and area

WORKSHEET

A. FILL IN THE BLANKS.

1. The length of the boundary of a closed figure is called its perimeter.
2. A Square is a figure in which all the sides are equal.
3. rectangle is a closed figure having equal opposite sides.
4. Perimeter of a square = 4 x length of one side
5. The surface enclosed by a 2-D or plane figure is known as its Area.

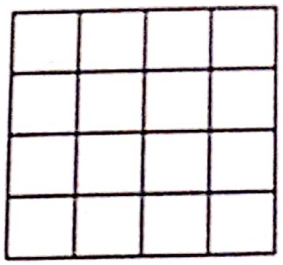
B. DO AS DIRECTED.

6. Find the perimeter of a triangle in which all sides are 7 cm.

Sum of length of all three side

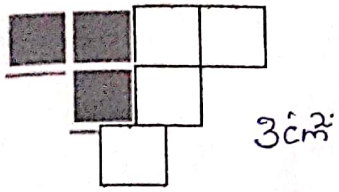
7+7+7+ = 21 cm

7.



16 sq. cm

Find the area of the above figure if each square has an area of 1 sq.cm.

8. 

Find the area of the shaded region if each square has an area of 1 sq.cm.

9. Find the perimeter of the rectangle whose length is 7 cm and breadth is 4 cm.

2x length + breadth x2
2 x 7 + 2x4 P
14 + 8 = 22 cm
Perimeter of rectangle is 22 cm.

10. Find the perimeter of the square whose side is 13 m.

4x1 side
4x 13 = 52 m
Perimeter of the square is 52 m

C. SOLVE THE FOLLOWING QUESTIONS.

11. The length of a floor is 70 m and its breadth is 40 m. Find the perimeter of the floor.

2x length + 2x breadth
2x 70 + 2x 40
= 140 + 80 = 220 m

12. A square shaped garden is of length 75 m. How much wire will be required for fencing around it thrice? Also write the importance of plant in our life.

4x1 side
4x75 = 300m
300 m wire will be required for fencing around thrice.

- Plant gives us oxygen for breath.
- we get medecin, wood or shade & ect.
- without Plant we can't alive.

- Plants are really imortant for the Plants and for all living things
- Plants absorb carbon dioxide and realse oxygen from their leaves

13. A cloth is 8 m long and 5 m wide. If Leena wants to lace it around, how much lace is required?

2x length + 2x breadth

2x 8 + 2x 5

16 + 10 = 26 m

So, Leena required lace = 26 m

14. Write the formulas to find the perimeter of square, rectangle and triangle.

Square = 4x length of one side

~~refe~~ Rectangle = 2x(length + ~~2x~~ breadth)

Triangle = ~~3 x length~~ sum of length of all three side.

15. A triangular field has its sides of length 130 m, 110 m and 90 m respectively. Calculate the distance travelled by a woman if he goes around the field twice.

① 130
110
+ 90
330
+330
660

Thus, 660 distance travelled by a woman in ~~to~~ she goes around the ~~f~~ield twice.