Area and	Perimeter,	& Volume
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Objective Type

1.	The amount of surface occupied by a figure is given by its
2.	The formula used to find the perimeter of rectangle is
3.	The area of rectangle with length 12 cm and breadth 8 cm is
4.	The distance around a closed figure is called its
5.	The perimeter of square of side 15 m is

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6.	Volume of cuboid = length x x height
7.	The amount of space occupied by a solid gives its
8.	The measure of inner space of a hollow solid is called its
9.	The volume of cube of edge 5 cm is
10.	Sq m and sq cm are units of measuring
11.	The perimeter of rectangle with length 8 m and width 5 m is
12.	The volume of a cuboid with length 5m, breadth 4m and height 3m is
13.	Volume is expressed in units.
14.	Area is expressed in units.
15.	All sides of a square are in length.
16.	An empty box and full box of same size and shape have volume.
17.	Perimeter = of all sides.
18.	4 x side gives the of a square.
19.	The perimeter of a triangle with side 9 cm, 8 cm and 7 cm is
20.	Length x breadth gives the of a rectangle.
21.	The area of a square of side 12 cm is
22.	The of a figure is the number of times the unit square is continued in the figure.
23.	Cubic metre and cubic centimeter are units of measuring
24.	A is a special cuboid whose length, breadth and height are equal.
25	A is a special rectangle whose length and breadth are equal.
<u>Subj</u>	ective Type questions :
1.	Find the area of the square with
	a. Side = 14 cm

2. Find the area of rectangle with

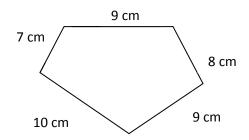
a)
$$\ell = 15 \text{ cm}$$

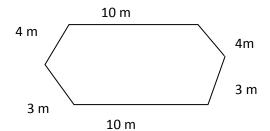
$$b = 10 cm$$

b)
$$\ell = 25m$$

$$b = 9.5 \text{ m}$$

3. Find the perimeter of the following shapes





4. Find the perimeter of a square whose

b) side =
$$36.25 \text{ m}$$

5. Find the perimeter of rectangle whose

a)
$$\ell = 24 \text{ cm}$$

b)
$$\ell = 32.5 \text{ m}$$

$$b = 25.25 \text{ m}$$

6. Find volume of a cube of edge

7. Find the volume of a cuboid with

a)
$$\ell = 12 \text{ cm} \quad b = 10 \text{ cm} \quad h = 8 \text{ cm}$$

b)
$$\ell = 15 \text{ cm}$$
 b = 7.5 m h = 9.5 m

- 8. Find the missing dimension in the following cuboid.
 - a. V = 2400 cu cm

 $\ell = 60 \text{ cm}$

b = 8 cm

h = ?

b. V = 1350 cu cm

 $\ell = 20 \text{ cm}$

b = ?

h = 7.5 cm

b. V = 380 cu m

ℓ = ?

 $b = 9.5 \, m$

h = 2 m

- 9. A rectangular field is 425 m long 160 m broad. Find the perimeter of the field in km.
- 10. The length, breadth and height of a brick are 14 cm, 10 cm and 6 cm respectively. Find the volume one brick and 10 such bricks.
- 11. A fish tank is 60 cm long, 30 cm wide and 40 cm high. Find the volume of the fish tank.
- 12. A square park has a side of 80 m. Find the total distance you cover in jogging around it 5 times.
- 13. The edge of a cuboid wooden boxes 50 cm find its volume.