

AREA
CLASS V
Revision Worksheet

Name : _____

Date : _____

Area is the region enclosed within the boundary of a closed figure.



The shaded part is the area for each of the given figures.

Area of a Square = side \times side

Area of a Rectangle = length \times breadth
= $l \times b$

The area of any given figure is measured in square units or unit^2 .

For example :

(a) Find the area of a square with each side 9 cm.

Area of a square = side \times side

Each side given = 9 cm

So, Area of a square = $9 \text{ cm} \times 9 \text{ cm}$
= 81 cm^2 or 81 sq. cm

(b) Find the area of a rectangular field with length 220 m and breadth 150 m.

Area of a rectangle = $l \times b$

Length of field = 220 m

Breadth of field = 150 m

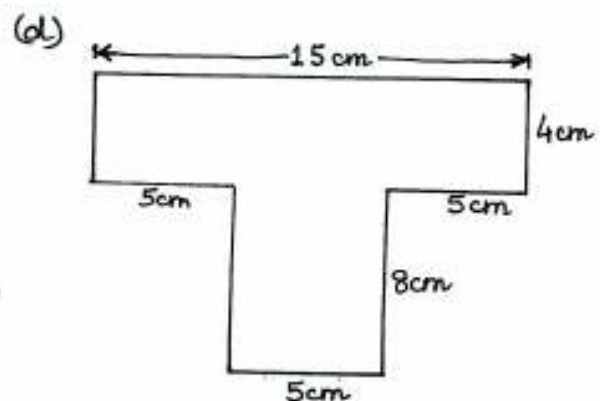
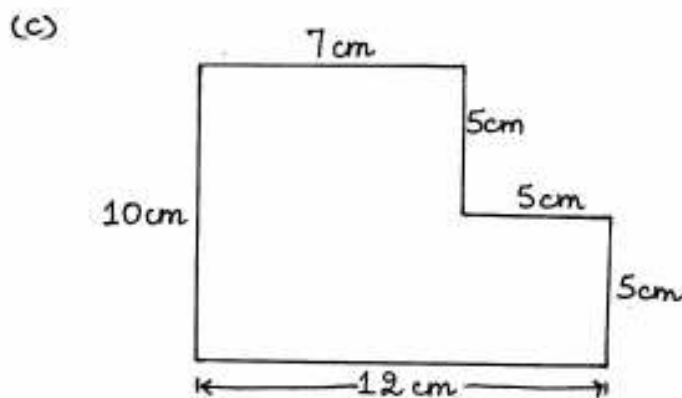
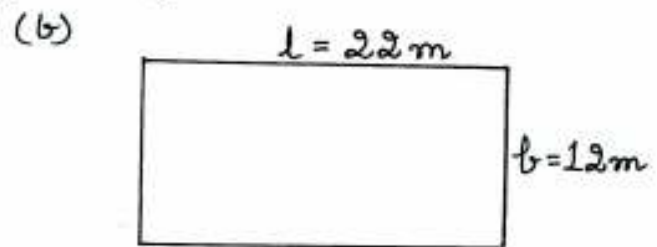
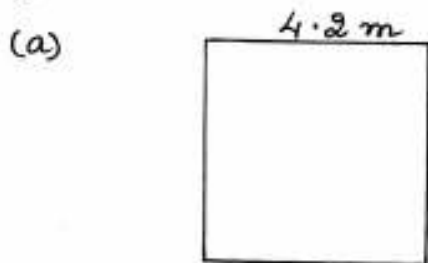
So, Area of field = $220 \text{ m} \times 150 \text{ m}$
= 33000 m^2 or 33000 sq. m

AREA

I Solve the following :-

- Find the area of a park with length 75 m and breadth 60 m.
- What is the tiled area of the floor of a square room with each side 5.2 m ?
- Find the area covered by a carpet with length 3.5 m and breadth 2 m.
- Find the area of a sheet with length 2 m 70 cm and breadth 80 cm.
- Find the cost of painting a wall with length 7 m and breadth 3 m, if the rate is ₹200 per square metre.

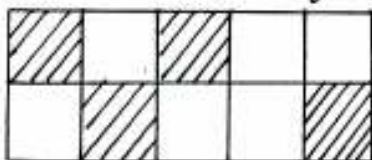
II Find the area of the following :-



III (a) How many square centimetres (sq. cm) make one square metre (sq. m) ?

(b) $4 \text{ sq. m} = \underline{\hspace{2cm}} \text{ sq. cm}$
[Hint : $4 \text{ sq. m} = 2 \text{ m} \times 2 \text{ m}$]

(c) Find the area of the shaded part :-



Answer =

[Hint : Let the area of each square be 1 sq. unit.]