

ACTIVITY NO. - 10

Subject	MATHEMATICS
Class	VI
Chapter/Unit	Mensuration
Topic	Area of Irregular Figures
Time	30 minutes
Nature of Activity	Group

What will I learn (Learning outcome)?

To compute the area of irregular figures by counting squares.

Skills:- Integrating Art, Psychomotor Coordination, Recognizing, Assimilating

What I have to do?

To compute the area of irregular figures.

What do I require?

Graph paper/square grid paper and coloured pencil.

What do I need to know?

Concept of Perimeter and Area.

➤ Teacher's Activity

Teacher will

- enable the students to recall the concept of perimeter and area.
- make groups of five students and will explain the steps of the activity.

How will I proceed?

➤ Student's Activity

- Take a graph paper or squared grid paper and select any one student from each group.
- Then, the selected student from each group will place his/her palm on that graph or grid paper and move the pencil around it to trace the boundary as shown in Fig.1.



Fig.1

- Count the number of squares enclosed in the boundary by taking half as half, more than half as one and leave the others i.e., less than half.
- The other members of the group will record it in a tabular form.

What have I observed?

Complete the following table:

Group No.	Number of squares (more than half)	Number of squares (half)	Total of halves	Area in squares

What have I learnt?

To compute the area of _____ figures by counting squares.

What am I curious to know?

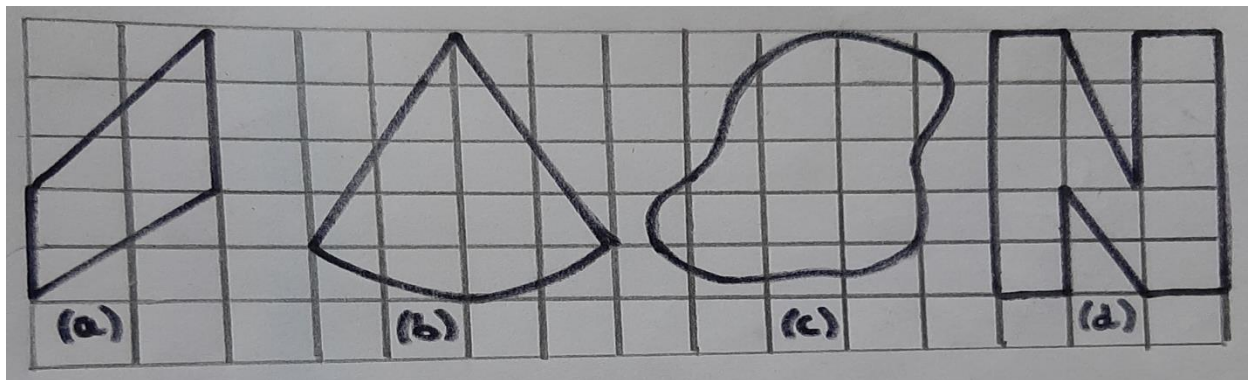
Find the area of any one shape from your surroundings by counting squares.

Let me evaluate myself

1. Fill in the blank:

Area can be expressed in terms of _____.

2. Find the area of the following figures:



(a) _____

(b) _____

(c) _____

(d) _____