

SUBJECT: MATHEMATICS

CLASS: VI

CHAPTER NUMBER: 10

CHAPTER NAME: MENSURATION

TOPIC: PERIMETER, AREA

EXPERIENTIAL LEARNING: MATH LAB ACTIVITY

The below link shows the Geoboard

<https://www.youtube.com/watch?v=ikaSgNDnrv0>

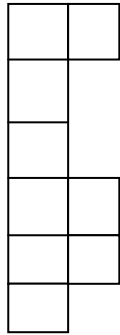
- In a Geoboard, using the rubber bands, form a rectangle and a square.
- Find the number of line segments in the rectangle and the square formed in the Geoboard.
- Find the number of square blocks formed inside the rectangle and the square formed in the Geoboard.

The number of line segments is the perimeter of that shape and number of squares inside the shape is the Area of the given shape.

CURIOSITY QUESTION:

1. Nine square tiles are joined to make a solid pattern. Each tile must touch at least one other tile along an entire edge.

Example-



Find the least and greatest perimeter formed by nine square tiles.

ANSWER GUIDE:

1. Using square tiles, make the square pattern and find the perimeter.
2. A farmer wants to fence his field. What mathematical concept is used here?
3. How can you differentiate between Area and Perimeter?