

activities

Geoboard Investigations

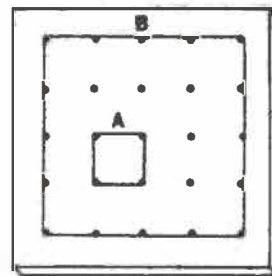
Investigation 1

A is the smallest square you can form on the geoboard using one rubber band.

B is the largest square you can form on the geoboard using one rubber band.

There are squares of 6 more different sizes that can be formed.

How many of them can you find and draw on dot paper?



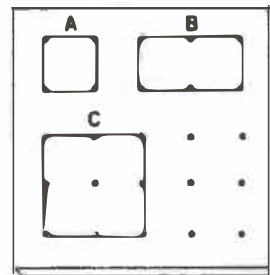
Investigation 2

Rubber band A encloses an area of 1 square.

Rubber band B encloses an area of 2 squares.

The area of C is 4 squares.

Can you show a square or a rectangle that has an area of 3? 5? 6? 7? 8? 9? 10? 11? 12? 13? 14? 15? 16?



Investigation 3

What is the area of square A?

What is the area of B?

What is the area of C?

Using the information about the areas of A, B, and C, what is the area of triangle D?

There are 8 triangles of different shapes with area 1 that can be formed on the geoboard. How many of them can you find and draw on dot paper?

