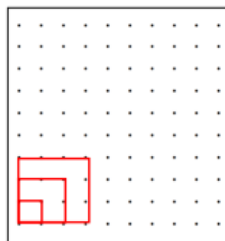


Patterns in Squares

Materials: 10 x 10 geoboards, rubber bands, rulers, geoboard dot paper

1. Work with a partner. Continue the pattern below on a 10 x 10 geoboard. Record the pattern on geoboard paper.



2. Create and complete the following table:

Length	1	2	3	4	5	6	7	8	9
Area	1	4	9						
Number of Boundary Pegs	4	8							
Number of Interior Pegs	0	1	4						

3. What patterns do you notice in the table? Explain your thinking.

