

Developing an Understanding for Square Root

Part II

- Inside the second square which holds 9 square units create an inscribed 4-sided figure that connects the four pegs that are one peg past the corner peg.
- Convince yourself and your group that each inscribed figure is a square.
- For each inscribed square determine the area, the exact length of a side, and an approximate length of each side of the inscribed square.
- Record the data in the chart.
- Write a square root statement using the approximation.

For Each Inscribed Square			
Area	The Exact Length of a Side	Approximate Length of Each Side	Square Root Statement using the Approximation

- Analyze the chart of data.
- Describe what you have learned about square root from the chart and the building the squares.