

Sample Activity 1: Modelling Square Numbers

The following activity involves modelling perfect squares and determining the square root as the side length of the square.

Sketch the squares on the grid paper.
Use models and diagrams to complete the chart.

Side length	Number of squares in the area
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Look For ...
Do students:
<input type="checkbox"/> confuse finding the square and the square root of a number?

Sample Activity 2: Recognizing Perfect Squares

The following activity provides opportunities for students to recognize perfect squares and square roots.

Try and find all of the perfect squares between 100 and 200 or 200 and 300.
Complete the table.

Side length	Number of squares in the area

Look For ...
Do students:
<input type="checkbox"/> establish that perfect squares can be generated by squaring whole numbers?