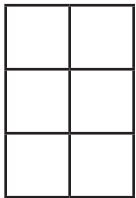


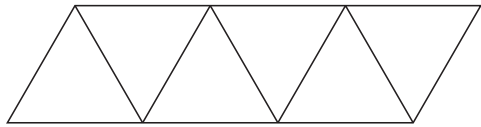
Problem Solving: Solve a Simpler Problem

1. Jorge sees that there are small and large squares in the tile design below. How many squares are there in all in the design?



_____ squares in all

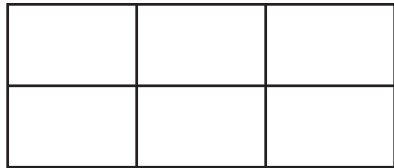
2. Sandi counted all the parallelograms of any size she could find in the design below. How many parallelograms are there in all?



_____ parallelograms in all

For 3 and 4, use the window design at the right.

3. Ling sees that in this window design, there are rectangles of different sizes. How many rectangles in all are in the design?



_____ rectangles in all

4. Explain the strategy you used to solve Problem 3. Draw a picture.

5. Eric's notebook has 30 pages. He wants to write a number on each page. How many digits will he write when he numbers all the pages in the notebook?

A 9 **B** 29 **C** 49 **D** 51