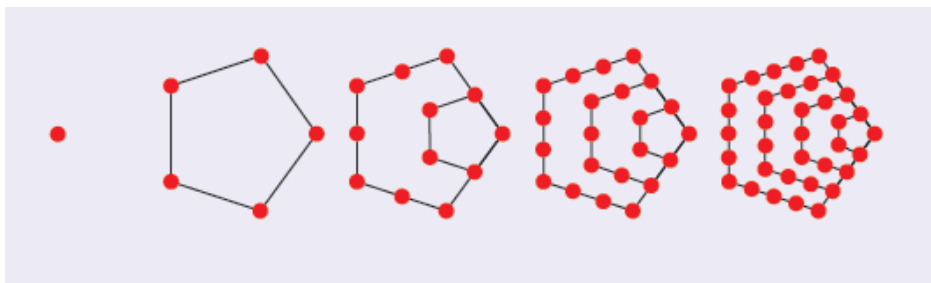


Geometry Problem Solving #3  
Quarter 1

1. Geometric models for the first five pentagonal numbers—1, 5, 12, 22, 35—are as shown. What is the 25th pentagonal number?



2. A five-inch cube is painted on the outside and then cut into one-inch cubes. How many of the one-inch cubes are painted on two sides only?

