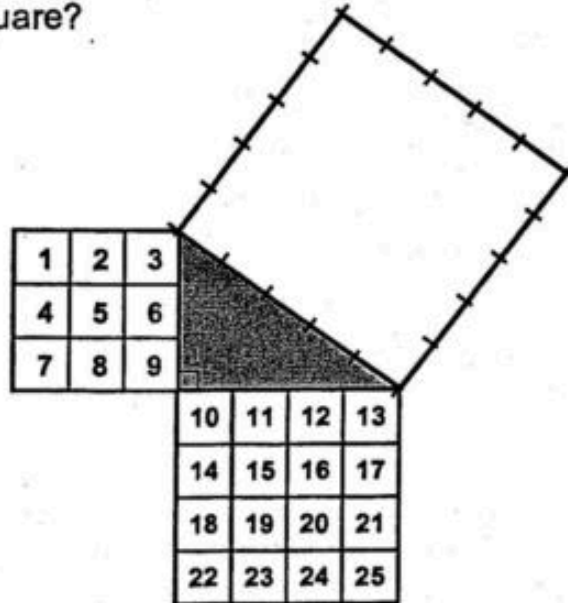


1. Consider the triangle with attached squares shown. How many numbered squares will it take to fill the large square?

Answer _____

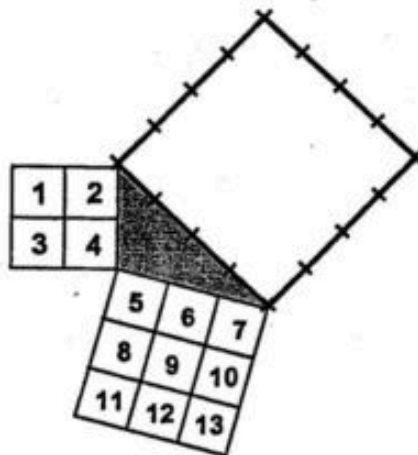


We can also refer to the numbered squares as unit squares. Use the tick marks along the sides of the large square to check the number of unit squares that fit.

How is this problem like the problems in the Perplexing Puzzles activity?

2. Now consider this triangle problem. How many unit squares are required to fill the large square?

Answer _____



Draw in the unit squares on the large square. Was your answer correct? Why or why not?

How is the problem different from problem 1 and the problems in the Perplexing Puzzles activity?