Area of Squares Word Problems - Guided Lesson Explanation
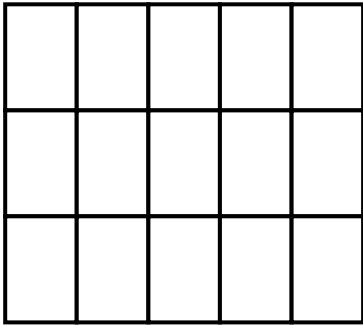
Explanation to #1

Draw 5 rectangle left to right with their ends touching.

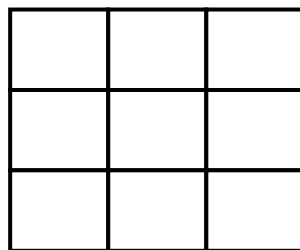Draw 2 rectangles under each of those.

We are looking for the number of squares the rectangle is made up of.

Count how many the rectangle is made up of. 15 by counting.

  3 X 5 = 15 Squares

Explanation to #2

Step 1) It is clear that they want to partition the square into 3 rows and 3 columns. Draw 2 vertical and horizontal lines that are evenly spaced, to create this.

Step 2) How many small squares are in the above figure?

Count the squares inside the shape. That gives us 9. Double check with multiplication.

3 X 3 = 9

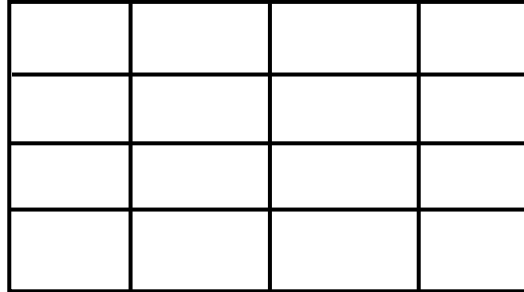So, there are 9 squares.

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Explanation to #3

Step 1) To find the area, count the blocks that make up the rectangle.

Counting the squares inside the shape gives us 16 blocks. Double check with multiplication.

4 X 4 = 16 ; there are 16 squares.

The area is 16 square units.