

Name \_\_\_\_\_

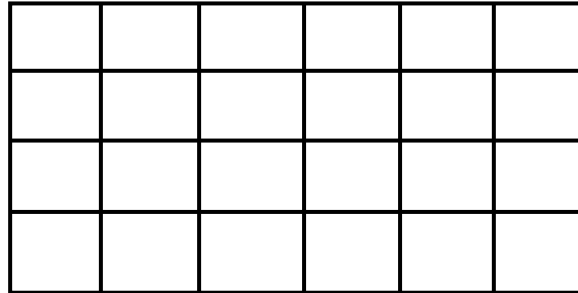
Date \_\_\_\_\_

## Recognize Area Word Problems Guided Lesson Explanation

### Explanation to #1

Step 1) Identify what is being asked of you.

“Draw a rectangle that is made up of 4 rows and 6 columns”

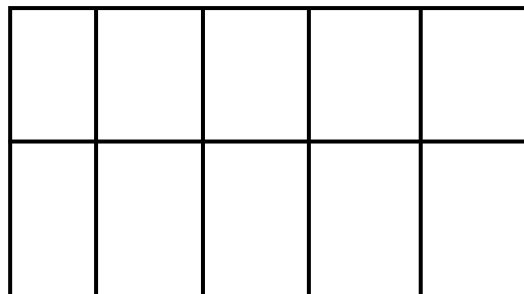


Step 2) Now we look for the square units in the rectangle. We can count them or use multiplication to determine it. When we count we get 24 units. When we multiply, we get the same:

$$4 \times 6 = 24 \text{ squares}$$

### Explanation to #2

Step 1) It is clear that they want to partition the rectangle into 2 rows and 5 columns. To make two rows, draw 1 horizontal line half way down the rectangle. To make 5 columns, draw 4 vertical lines evenly spaced across the rectangle.



Step 2) How many square units of area are there?



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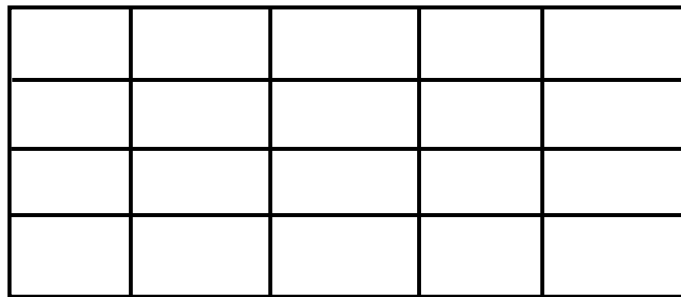
Count the squares inside the shape. That gives us 10. We can also multiply:

$$2 \times 5 = 10$$

There are 10 square units.

### Explanation to #3

It is clear that they want to know the area of the rectangle.



Count the squares inside the shape. That would give us 20. Follow it up with multiplication.

$$4 \times 5 = 20: \text{ There are 20 squares.}$$

The area is 20 square units.

