

Name: \_\_\_\_\_

Block: \_\_\_\_\_

What does it look like? – Area

Draw a picture of a rectangle with the area of 20 units squared.

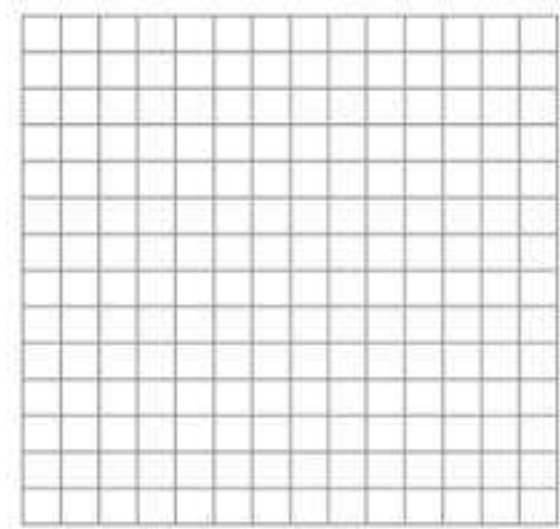
What is the length of the base?

\_\_\_\_\_ units

What is the length of the height?

\_\_\_\_\_ units

Draw a diagonal on the rectangle.



Shade in the new shape that you have just created by inserting a diagonal.

What shape did you create by inserting the diagonal? \_\_\_\_\_

How many shapes did the diagonal create? \_\_\_\_\_

Are those shapes congruent? Yes or No

What is the area of that shape? \_\_\_\_\_ units squared

What is the length of the base of that shape? \_\_\_\_\_ units

What is the length of the height of that shape? \_\_\_\_\_ units

Explain how you can find the area of that new shape by using the base and height of the new shape.

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Draw a picture of a rectangle with the area of 30 units squared.

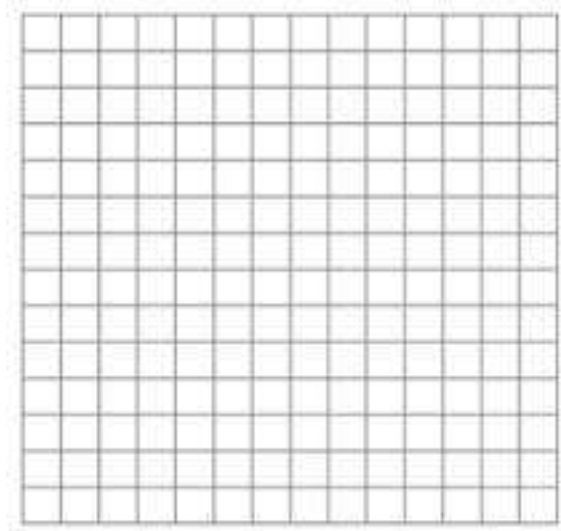
What is the length of the base?

\_\_\_\_\_ units

What is the length of the height?

\_\_\_\_\_ units

Draw a diagonal on the rectangle.



Shade in the triangle created by the diagonal.

What is the area of triangle? \_\_\_\_\_ units squared

What is the length of the base of the triangle? \_\_\_\_\_ units

What is the length of the height of the triangle? \_\_\_\_\_ units

Explain two ways that you could find the area of a rectangle.

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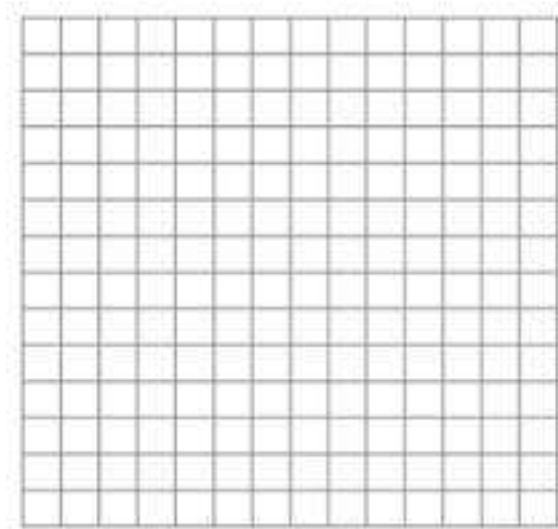
Draw a picture of a triangle with the area of 24 units squared.

What is the length of the base?

\_\_\_\_\_ units

What is the length of the height?

\_\_\_\_\_ units



Draw a congruent triangle on the graph that will create a rectangle.

What is the area of rectangle? \_\_\_\_\_ units squared

What is the length of the base of the rectangle? \_\_\_\_\_ units

What is the length of the height of the rectangle? \_\_\_\_\_ units

The base of a rectangle is 9 units and the height of that same rectangle is 9 units draw a picture of the rectangle.

What object did you draw?

\_\_\_\_\_

What is the area of the rectangle?

\_\_\_\_\_ units squared

Draw a diagonal on the rectangle.

What is the area of the triangle?

\_\_\_\_\_ units squared



