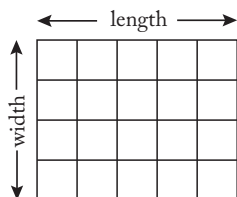


Answer Key**Math Madness: It's the Same Area**

Area is the measurement of the square units inside a shape.

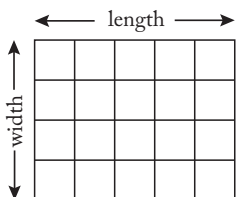
-Adding up the total number of squares within a figure is one way to find the area. This is why we label the units as "square units."



★ Add up the unit squares inside the shape.

$$\text{Area} = \underline{20} \text{ square units}$$

-Multiplying the length of the sides is another way to find the area. $\text{Area} = \text{Length} \times \text{Width}$



What is the length? 5

What is the width? 4

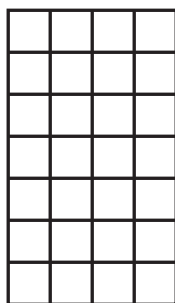
Multiply the length x width.

$$\text{Area} = \underline{20} \text{ square units}$$

Part 1

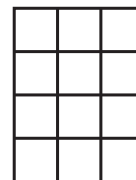
Directions: Add up the unit squares to find the area of the shapes.

1.



$$\text{Area} = \underline{28} \text{ square units}$$

2.

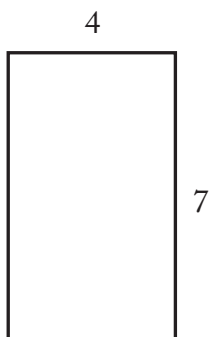


$$\text{Area} = \underline{12} \text{ square units}$$

Part 2

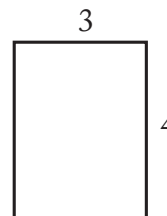
Directions: Multiply to find the area.

3.



$$\text{Area} = \underline{28} \text{ square units}$$

4.



$$\text{Area} = \underline{12} \text{ square units}$$

5. A sign has a rectangular shape with a width of 10 inches and a length of 8 inches. What are two expressions you could use to calculate the area of the sign in square inches? **Possible answers:**

1. $8 \times 10 = 80 \text{ square inches}$
2. $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 80 \text{ square inches}$
3. $10 \times 8 = 80 \text{ square inches}$
4. $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 80 \text{ square inches}$