## **Model Perimeter**



#### Find the perimeter of the shape. Each unit is 1 centimeter.



# **Find Perimeter**



### Use an inch ruler to find the perimeter.



## Algebra • Find Unknown Side Lengths



#### Find the unknown side lengths.



Lesson II.4 Reteach

## **Understand Area**



R90

Area = \_\_\_\_\_ square units

Area = \_\_\_\_\_ square units

Area = \_\_\_\_\_ square units

## **Measure Area**

Find the area of the shape. Each unit square is 1 square inch.



Think: How many unit squares are needed to cover this flat surface?

- Step 1 Use 1-inch square tiles. Cover the surface of the shape with the tiles. Make sure there are no gaps (space between the tiles). Do not overlap the tiles.
- **Step 2** Count the tiles you used. 5 tiles are needed to cover the shape.
- So, the area of the shape is **5** square inches.

#### Count to find the area of the shape. Each square is 1 square inch.



## **Use Area Models**



#### Find the area of the shape. Each unit square is 1 square meter.

1.



2.

# **Problem Solving • Area of Rectangles**

Mrs. Wilson wants to plant a garden, so she drew plans for some sample gardens. She wants <sub>2 ft</sub> to know how the areas of the gardens are related. How will the areas of Gardens A and B change? How will the areas of Gardens C and D change?



Use the graphic organizer to help you solve the problem.

Read the Problem								
What do I need to find?		? Wha	What information do I		How will I use the information?			
I need to know how the								
areas will change from		l ne	I need to use the			I will record the areas in a		
A to B and from $\underline{\mathbf{C}}$ to $\underline{\mathbf{D}}$ .		<u>le</u> <u>W</u> garc	<b>length</b> and width of each garden to find its area.			table. Then I will look for a pattern to see how the <b>areas</b> will change.		
Solve the Problem								
	Length	Width	Area		Length	Width	Area	
Garden A	2 ft	6 ft	12 sq ft	Garden C	2 ft	3 ft	6 sq ft	
Garden B	4 ft	6 ft	24 sq ft	Garden D	4 ft	3 ft	12 sq ft	

#### Solve.

 Mrs. Rios made a flower garden that is 8 feet long and 2 feet wide. She made a vegetable garden that is 4 feet long and 2 feet wide. How do the areas change?

Lesson II.8 Reteach

## **Area of Combined Rectangles**



#### Draw a line to break apart the shape into rectangles. Find the area of the shape.



## Same Perimeter, Different Areas



# Find the perimeter and the area. Tell which rectangle has a greater area.

<b>1.</b> A B	<b>2.</b> A B
<i>A:</i> Perimeter =;	<i>A:</i> Perimeter =;
Area =	Area =
<i>B:</i> Perimeter =;	<i>B:</i> Perimeter =;
Area =	Area =
Rectangle has a greater area.	Rectangle has a greater area.

## Same Area, Different Perimeters



#### Find the perimeter and the area. Tell which rectangle has a greater perimeter.

