Name:	
Date:	

#### Worksheet 1-5: Finding Missing Sides of Rectangles and Squares



### Scenario 1: Determine Missing Side of a Rectangle Given Its Perimeter

The perimeter of the rectangle is 22 ft. Determine the length of the unknown side.





### Scenario 2: Determine Missing Side of a Rectangle Given Its Area

The area of the rectangle is 35 ft<sup>2</sup>. Determine the length of the unknown side.



## Scenario 3: Determine Missing Side of a Square Given Its Perimeter

The perimeter of the square is 32 in. What is the length of each side?



Perimeter = 
$$4s = 32$$
  
$$\frac{4s}{4} = \frac{32}{4}$$
$$s = 8$$

Perimeter = 32 in Side Length = ?

The length of each side is 8 in.

# Scenario 4: Determine Missing Side of a Square Given Its Area

The area of the square is 25 m<sup>2</sup>. What is the length of each side?



#### Challenge:

Jane has two squares of different sizes. The area of one square is 8 cm<sup>2</sup>. The area of the other square is two times bigger. What is the side length of the bigger square? (Hint: Find the area of the bigger square first using the area of the smaller square.)