**2-5**  **Defining a Variable in Terms of Another** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Example 1**  Date \_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_

**Perimeter of Rectangles**

Write and solve an equation to find the length and width of the rectangles below.

y - 6

a) x + 5 b)

x y

Perimeter = 46 in. Perimeter = 28 ft.

c) The length of a rectangle is 6 in. longer than the width. If the perimeter of the rectangle is

96 in., find the length and the width of the rectangle.

d) The length of a rectangle is 2 in. longer than twice the width. If the perimeter of the

rectangle is 100 in., find the length and the width of the rectangle.

**2-5**  **Defining a Variable in Terms of Another** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Example 1**  Date \_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_

**Perimeter of Rectangles**

Write and solve an equation to find the length and width of the rectangles below.

y - 6

a) x + 5 b)

x y

Perimeter = 46 in. Perimeter = 28 ft.

c) The length of a rectangle is 6 in. longer than the width. If the perimeter of the rectangle is

96 in., find the length and the width of the rectangle.

d) The length of a rectangle is 2 in. longer than twice the width. If the perimeter of the

rectangle is 100 in., find the length and the width of the rectangle.