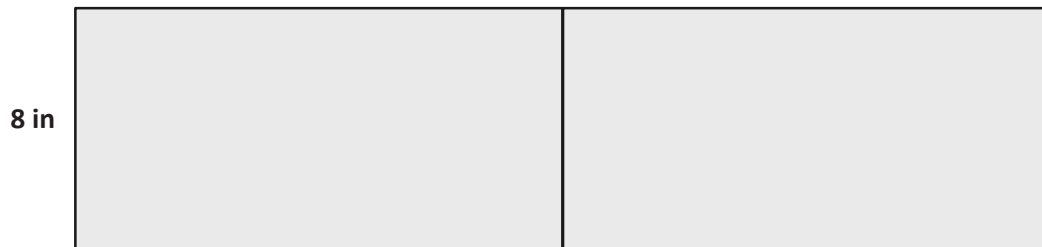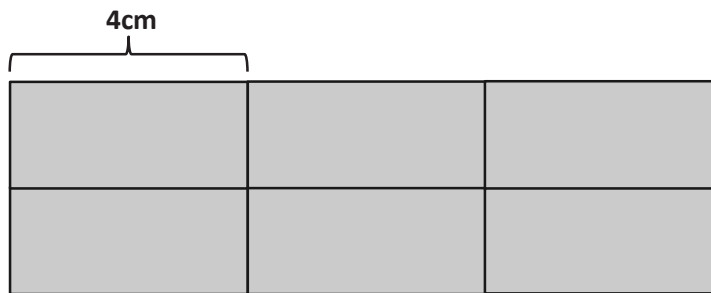Name _____   Date _____

1. Katherine puts two squares together to make the rectangle below. The side lengths of the squares measure 8 inches.

8 in

a. What is the perimeter of the rectangle Katherine made with her 2 squares?

b. What is the area of Katherine's rectangle?

c. Katherine decides to draw another rectangle of the same size. What is the area of the new, larger rectangle?

8 in

Lesson 29: Solve a variety of word problems involving area and perimeter using al four operations.

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2. Daryl draws 6 equal-sized rectangles as shown below to make a new, larger rectangle. The area of one of the small rectangles is 12 square centimeters, and the width of the small rectangle is 4 centimeters.

4cm

   a. What is the perimeter of Daryl's new rectangle?

   b. What is the area of Daryl's new rectangle?

3. The recreation center soccer field measures 35 yards by 65 yards. Chris dribbles the soccer ball around the perimeter of the field 4 times. What is the total number of yards Chris dribbles the ball?

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