

Name \_\_\_\_\_

Date \_\_\_\_\_

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



- a. What is the perimeter of Katherine's rectangle?

- 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 rectangle?



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



- 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?

## Answer Key

1.
  - a. 48 in
  - b. 128 sq in
  - c. 256 sq in
2.
  - a. 36 cm
  - b. 72 sq cm
3. 800 yd