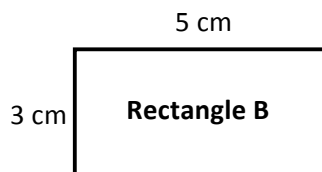
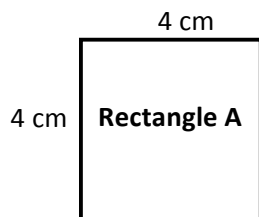


Name \_\_\_\_\_

Date \_\_\_\_\_

1. Use Rectangles A and B to answer the questions below.



- What is the perimeter of Rectangle A?
- What is the perimeter of Rectangle B?
- What is the area of Rectangle A?
- What is the area of Rectangle B?
- Use your answers to Parts (a) through (d) to help you explain the relationship between area and perimeter.

2. Each student in Mrs. Dutra's class draws a rectangle with whole number side lengths and a perimeter of 28 centimeters. Then they find the area of each rectangle and create the table below.

Area in Square Centimeters	Number of Students
13	2
24	1
33	3
40	5
45	4
48	2
49	2

- a. Give two examples to show how it is possible to have different areas for rectangles that have the same perimeter.
- b. Did any students in Mrs. Dutra's class draw a square? Explain how you know.
- c. What are the side lengths of the rectangle that most students in Mrs. Dutra's class made with a perimeter of 28 centimeters?

Note: Print on card stock.

A

B

C

F

E

D