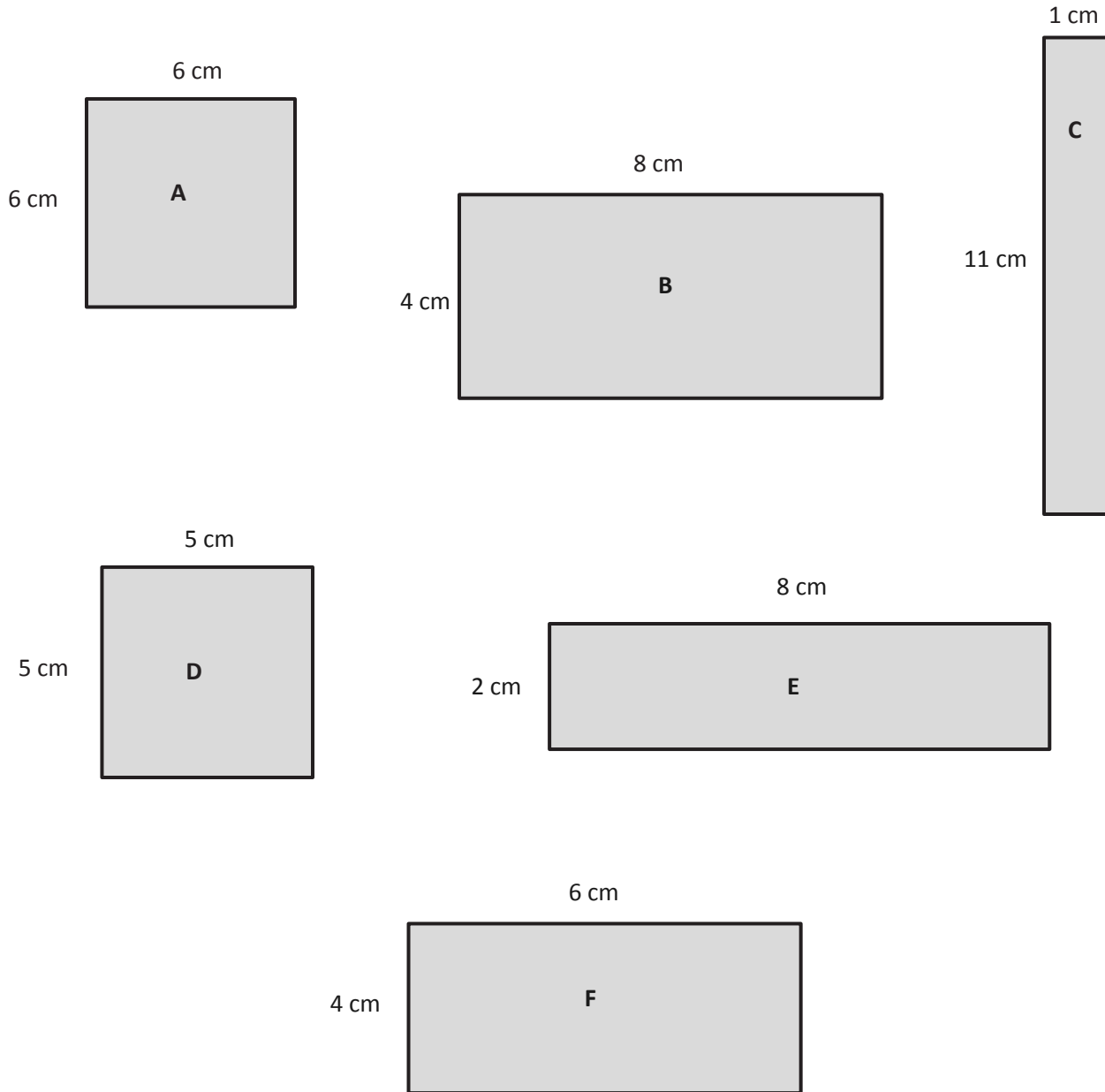


Name \_\_\_\_\_

Date \_\_\_\_\_

Record the perimeters and areas of the rectangles in the chart on the next page.



1. Find the area and perimeter of each rectangle.

Rectangle	Width and Length	Perimeter	Area
A	<u>6</u> cm by <u>6</u> cm	$4 \times 6 \text{ cm} = 24 \text{ cm}$	$36 \text{ cm}^2$
B	<u>4</u> cm by <u>8</u> cm	$2 \times (4 \text{ cm} + 8 \text{ cm}) = 24 \text{ cm}$	$32 \text{ cm}^2$
C	<u>11</u> cm by <u>1</u> cm	$2 \times (11 \text{ cm} + 1 \text{ cm}) = 24 \text{ cm}$	$11 \text{ cm}^2$
D	<u>5</u> cm by <u>5</u> cm	$4 \times 5 \text{ cm} = 20 \text{ cm}$	$25 \text{ cm}^2$
E	<u>2</u> cm by <u>8</u> cm	$2 \times (2 \text{ cm} + 8 \text{ cm}) = 20 \text{ cm}$	$16 \text{ cm}^2$
F	<u>4</u> cm by <u>6</u> cm	$2 \times (4 \text{ cm} + 6 \text{ cm}) = 20 \text{ cm}$	$24 \text{ cm}^2$

2. What do you notice about the perimeters of Rectangles A, B, and C?

They have the same perimeter.

3. What do you notice about the perimeters of Rectangles D, E, and F?

They have the same perimeter.

4. Which two rectangles are squares? Which square has the greater perimeter?

Rectangles A and D are squares. Rectangle A has the greater perimeter.