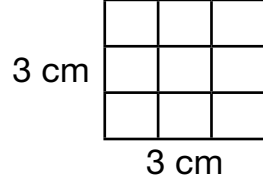
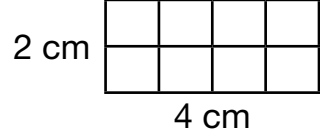


# Same Perimeter, Different Area

Rectangles that have the same perimeter can have different areas.

Draw three rectangles that have a perimeter of 12 centimeters.  
Then find the area of each.



$$P = 5 + 1 + 5 + 1 = 12 \text{ cm}$$

$$A = 5 \times 1$$

$$= 5 \text{ square centimeters}$$

$$P = 4 + 2 + 4 + 2 = 12 \text{ cm}$$

$$A = 4 \times 2$$

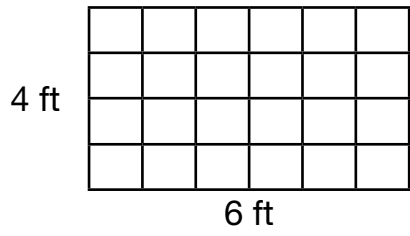
$$= 8 \text{ square centimeters}$$

$$P = 3 + 3 + 3 + 3 = 12 \text{ cm}$$

$$A = 3 \times 3$$

$$= 9 \text{ square centimeters}$$

1. Draw two other rectangles with the same perimeter as the one below.  
Then find the area of each.



$P =$  \_\_\_\_\_

$A =$  \_\_\_\_\_

$P =$  \_\_\_\_\_

$P =$  \_\_\_\_\_

$A =$  \_\_\_\_\_

$A =$  \_\_\_\_\_