

Area & Perimeter Worksheets (Rectangles)

The area of a rectangle is 42 square centimeters and its length is 7 centimeters.

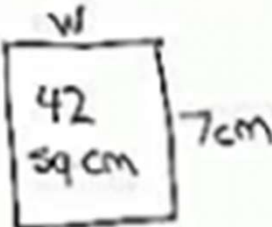
- a. What is the width of the rectangle?

$$A = l \times w$$

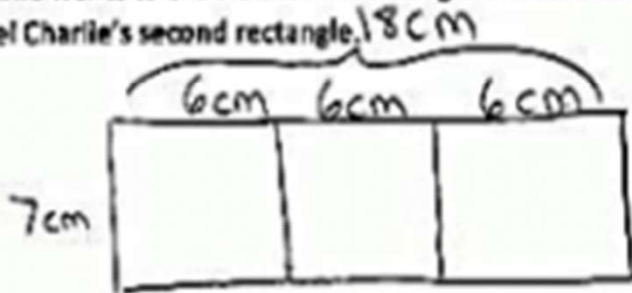
$$A \div l = w$$

$$42 \div 7 = 6$$

$$w = 6 \text{ cm}$$



- b. Charlie wants to draw a second rectangle that is the same length but is 3 times as wide. Draw and label Charlie's second rectangle.



- c. What is the perimeter of Charlie's second rectangle?

$$P = 2 \times (l + w)$$

$$= 2 \times (7 + 18)$$

$$= 2 \times 25$$

$$P = 50 \text{ cm}$$