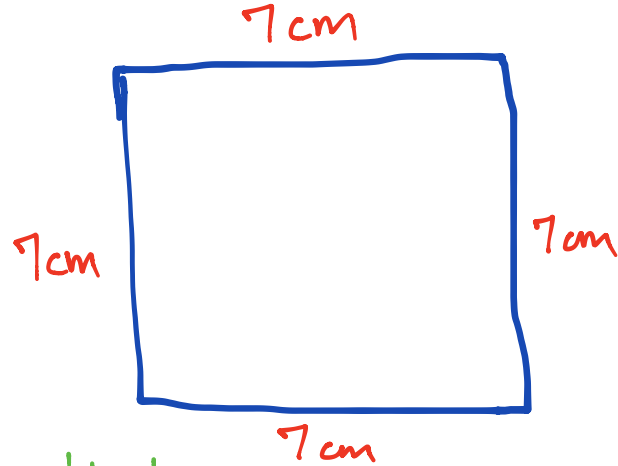


Name _____

Date _____

1. Carl draws a square that has side lengths of 7 centimeters.
- a. Estimate to draw Carl's square, and label the side lengths.

NOTE: The square has not been drawn to scale.



- b. What is the area of Carl's square?

$$7\text{ cm} \times 7\text{ cm} = 49\text{ sq. cm.}$$

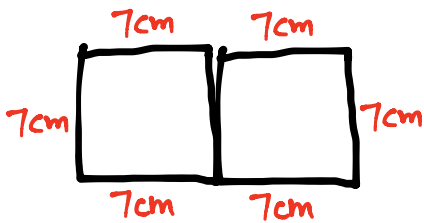
The area of the square is 49 square centimeters.

- c. What is the perimeter of Carl's square?

$$7\text{ cm} + 7\text{ cm} + 7\text{ cm} + 7\text{ cm} = 28\text{ cm}$$

The square's perimeter is 28 centimeters.

- d. Carl draws two of these squares to make one long rectangle. What is the perimeter of this rectangle?

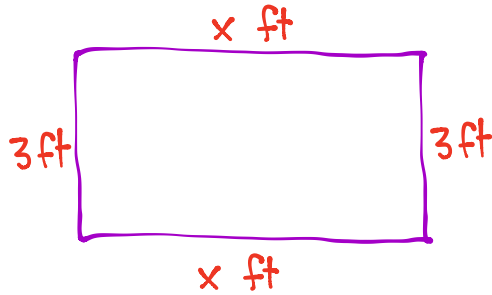


$$7\text{ cm} + 7\text{ cm} + 7\text{ cm} + 7\text{ cm} + 7\text{ cm} + 7\text{ cm}$$

$$6 \times 7\text{ cm} = 42\text{ cm}$$

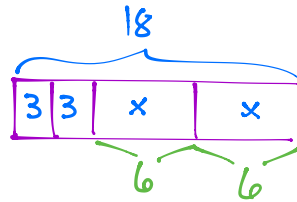
The perimeter of the rectangle is 42 cm.

2. Mr. Briggs puts food for the class party on a rectangular table. The table has a perimeter of 18 feet and a width of 3 feet.
- a. Estimate to draw the table, and label the side lengths.



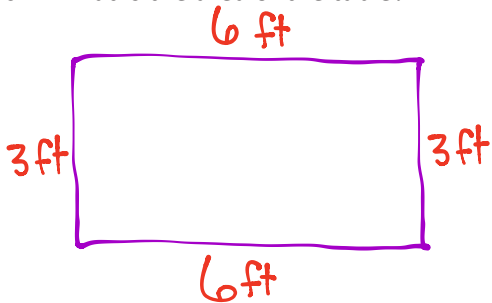
- b. What is the length of the table?

$$3\text{ ft} + 3\text{ ft} + x\text{ ft} + x\text{ ft} = 18\text{ ft}$$



The length of the table is 6 feet.

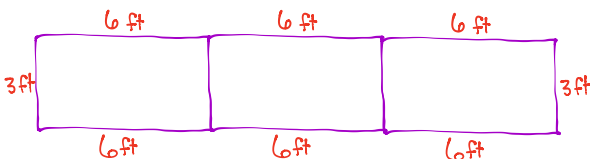
- c. What is the area of the table?



$$3\text{ ft} \times 6\text{ ft} = 18\text{ sq ft}$$

The area of the table is 18 square feet.

- d. Mr. Briggs puts three of these tables together side by side to make 1 long table. What is the area of the long table?



$$3 \times 18\text{ sq ft} = 54\text{ sq ft}$$

The area of the long table is 54 square feet.