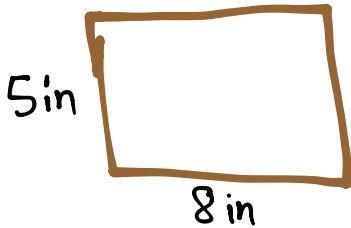


Name _____

Date _____

1. Miguel glues a ribbon border around the edges of a 5-inch by 8-inch picture to create a frame. What is the total length of ribbon Miguel uses?

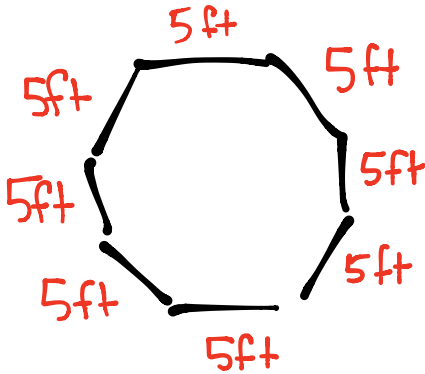


$$P = 5 \text{ in} + 8 \text{ in} + 5 \text{ in} + 8 \text{ in}$$

$$P = 26 \text{ in}$$

The ribbon is 26 in long.

2. A building at Elmira College has a room shaped like a regular octagon. The length of each side of the room is 5 feet. What is the perimeter of this room?

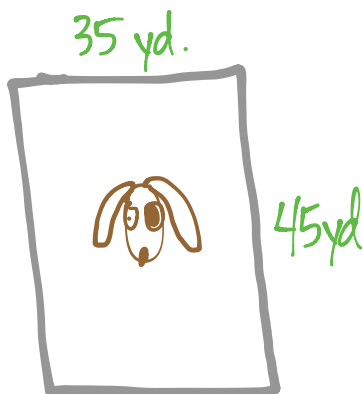


$$P = 8 \times 5 \text{ ft}$$

$$P = 40 \text{ ft}$$

The perimeter of the room is 40 feet.

3. Manny fences in a rectangular area for his dog to play in the backyard. The area measures 35 yards by 45 yards. What is the total length of fence that Manny uses?



$$P = 35 \text{ yd} + 45 \text{ yd} + 35 \text{ yd} + 45 \text{ yd}$$

$$P = 160 \text{ yd}$$

Manny uses 160 yards of fence.

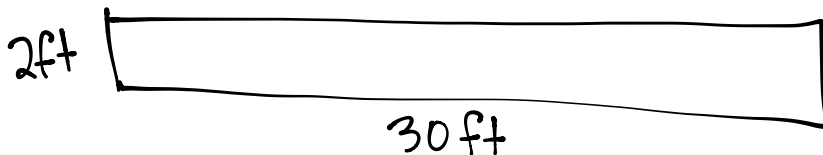
4. Tyler uses 6 craft sticks to make a hexagon. Each craft stick is 6 inches long. What is the perimeter of Tyler's hexagon?



$$P = 6 \times 6 \text{ in}$$

$$P = 36 \text{ in}$$

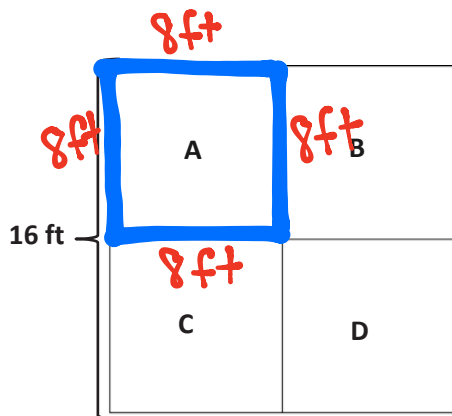
5. Francis made a rectangular path from her driveway to the porch. The width of the path is 2 feet. The length is 28 feet longer than the width. What is the perimeter of the path?



$$P = 2 \text{ ft} + 30 \text{ ft} + 2 \text{ ft} + 30 \text{ ft}$$

$$P = 64 \text{ ft}$$

6. The gym teacher uses tape to mark a 4-square court on the gym floor, as shown. The outer square has side lengths of 16 feet. What is the total length of tape the teacher uses to mark square A?



$$P = 8 \text{ ft} + 8 \text{ ft} + 8 \text{ ft} + 8 \text{ ft}$$

$$P = 4 \times 8 \text{ ft}$$

$$P = 32 \text{ ft}$$

The teacher uses 32 feet of tape.