

Drag and drop the side lengths to the matching rectangles.

1 in

7 in

10 in

5 in

9 in

8 in

6 in

Diagram showing several rectangles with missing side lengths and area/perimeter formulas. The side lengths to be dragged are: 1 in, 7 in, 10 in, 5 in, 9 in, 8 in, and 6 in.

- Rectangle 1: Left side 3 in, Area $A = 24 \text{ in}^2$. Missing top side.
- Rectangle 2: Right side 5 in, Perimeter $P = 22 \text{ in}$. Missing top side.
- Rectangle 3: Bottom side 6 in, Area $A = 60 \text{ in}^2$. Missing right side.
- Rectangle 4: Right side 4 in, Perimeter $P = 22 \text{ in}$. Missing top side.
- Rectangle 5: Left side 10 in, Area $A = 10 \text{ in}^2$. Missing top side.
- Rectangle 6: Left side 5 in, Area $A = 25 \text{ in}^2$. Missing top side.
- Rectangle 7: Left side 7 in, Perimeter $P = 32 \text{ in}$. Missing bottom side.

Fill in the boxes.

John is building a fence for his chicken coop. The fence is 9 ft long and 7 ft wide. What is the area inside the fence?

Mr. Dodd is building a raised flower garden. The garden is in the shape of a square. The length of one side is 7 ft. What is the area of the garden?

A cover for Mr. Davis' grill measures 6 ft by 4 ft. What is the area of the cover?

Doug and Jerry are playing marbles. They mark off a rectangle that measures 8 sq. ft. The width of the square is 2 ft. What is the length?

Tony bought a new desk for his room. The desk measures 5 ft by 3 ft. What is the area of the desk?

The Benton family is going camping. They purchase a rectangular tent that covers an area of 48 sq ft. The length of the tent is 8 ft. What is the width?