

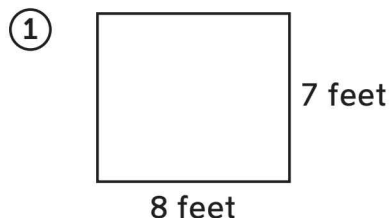
# Finding the Perimeter

**Family Note** In class, students developed some rules, or *formulas*, for finding the perimeter of a rectangle. Here are three possible formulas:

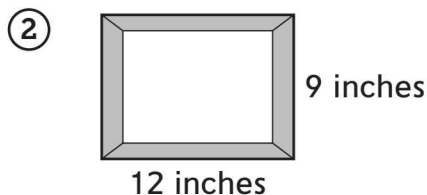
- Add the measures of the four sides: perimeter of a rectangle = length + length + width + width. This formula can be abbreviated as:  $p = l + l + w + w$ .
- Add the two given sides and double the sum: perimeter of a rectangle =  $2 * (\text{length} + \text{width})$ . This formula can be abbreviated as:  $p = 2 * (l + w)$ .
- Double the length, double the width, and then add: perimeter of a rectangle =  $(2 * \text{length}) + (2 * \text{width})$ . This formula can be abbreviated as:  $p = 2l + 2w$ .

In all of the formulas, the letter  $p$  stands for the *perimeter of a rectangle*, the letter  $l$  stands for the *length of the rectangle*, and the letter  $w$  stands for the *width of the rectangle*.

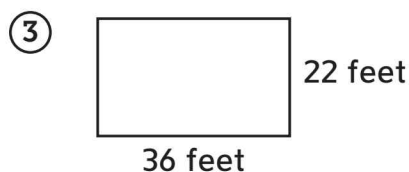
Find the perimeters of the rectangles below.



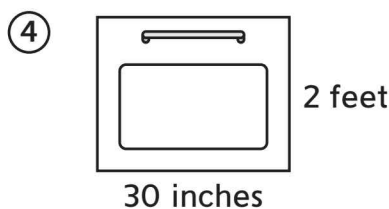
Perimeter: \_\_\_\_\_ feet



Perimeter: \_\_\_\_\_ inches



Perimeter: \_\_\_\_\_ feet



Perimeter: \_\_\_\_\_ inches

- ⑤ The perimeter of a garden is 42 feet. The length is 15 feet. What is the width?

Width: \_\_\_\_\_ feet

## Practice

Round each number to the nearest ten-thousand and hundred-thousand.

⑥ 421,492 \_\_\_\_\_

⑦ 895,531 \_\_\_\_\_