

Name _____

1. The distance around a figure is called its **perimeter**. To find the perimeter, add all of the side lengths. The perimeter of this rectangle is $9\text{ ft} + 5\text{ ft} + 9\text{ ft} + 5\text{ ft} = 28\text{ ft}$.

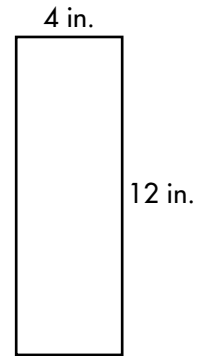


2. What are the side lengths of the rectangle at the right?

3. Add the side lengths to find perimeter of the square.

$$P = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \text{ in.}$$

4. You can also use a rule, or **formula**, to find perimeter, P . The formula to find the perimeter of a rectangle is $P = (2 \times \ell) + (2 \times w)$. The letter ℓ stands for length, and the letter w stands for width.



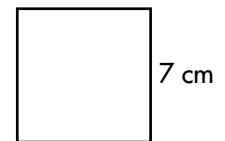
In this rectangle, ℓ is _____ in. and w is _____ in.

Use the formula to find the perimeter.

$$P = (2 \times \ell) + (2 \times w) = (2 \times \underline{\quad}) + (2 \times \underline{\quad})$$

$$P = \underline{\quad} + \underline{\quad} = \underline{\quad} \text{ in.}$$

5. A square is a special rectangle. All of the side lengths of a square are equal.



List the lengths of the four sides of the square.

What is the perimeter of the square?

$$P = \underline{\quad}$$

6. Because each side, s , of a square has the same measure, you can use the formula $P = 4 \times s$.

Use the formula to find the perimeter.

$$P = 4 \times s = 4 \times \underline{\quad}$$

$$P = \underline{\quad} \text{ cm}$$

On the Back!

7. Use the formula to find the perimeter of a rectangle that has a width of 8 inches and a length of 15 inches.