

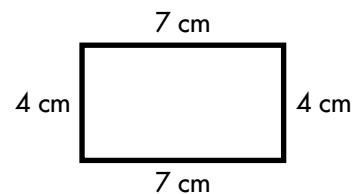
Name _____

1. **Perimeter** is the distance around a figure.

To find the perimeter of a figure, find the length of each side. Then add up the lengths.

Find the perimeter of this rectangle in centimeters.

$$\text{Perimeter} = 4 + 7 + 4 + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \text{ cm}$$



2. Joel and Eva wanted to build a living area for their pet hamster. They drew the two designs shown at the right.

Find the perimeter of each design.

First, find the lengths of the sides of Joel's design by counting unit segments.

The length of the top of the design is 5 units. Find the lengths of the other 7 sides. Then add.

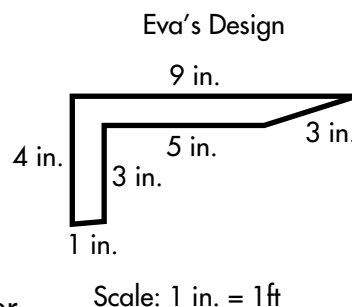
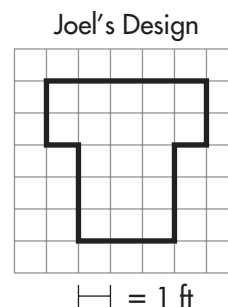
$$5 + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \text{ units}$$

Next, add the lengths of the sides of Eva's design.

$$9 + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \text{ units}$$

In Joel's design, each unit represents 1 foot. So, the perimeter of Joel's design is _____.

In Eva's design, each inch represents 1 _____. So, the perimeter of Eva's design is _____.



On the Back!

3. Draw a geometric figure with more than 4 sides. Estimate to label the length of each side in centimeters. Find the perimeter.