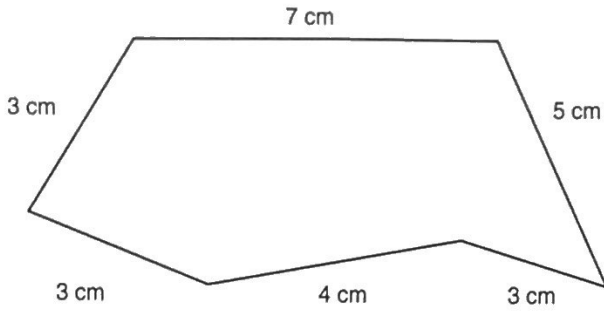


# Finding Perimeter

Perimeter is the distance around the outside of a polygon. You can find perimeter in two different ways.

**Add the lengths of the sides:**

Find the perimeter of the figure.



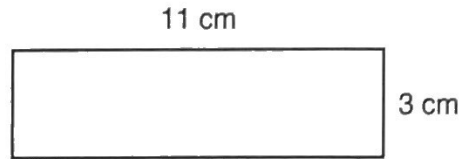
To find the perimeter, add up the sides.

$$3 + 3 + 7 + 5 + 3 + 4 = 25$$

So, the perimeter of the figure is 25 cm.

**Use a formula:**

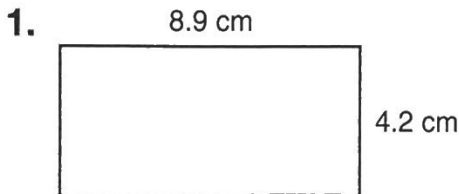
Find the perimeter of the rectangle.



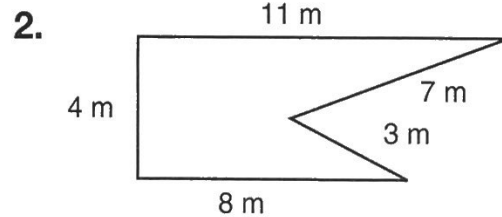
$$\begin{aligned} \text{Perimeter} &= (2 \times \text{length}) + (2 \times \text{width}) \\ P &= (2 \times l) + (2 \times w) \\ P &= (2 \times 11) + (2 \times 3) \\ P &= 22 + 6 = 28 \text{ cm} \end{aligned}$$

So, the perimeter of the rectangle is 28 cm.

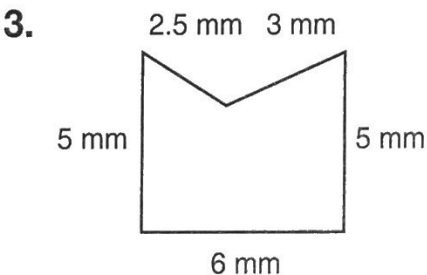
Find the perimeter of each figure.



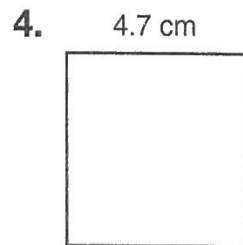
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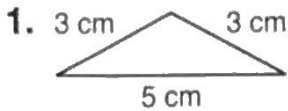


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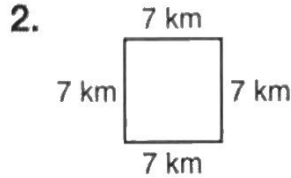
5. **Number Sense** The perimeter of a square is 24 in. What is the length of each side? \_\_\_\_\_

# Finding Perimeter

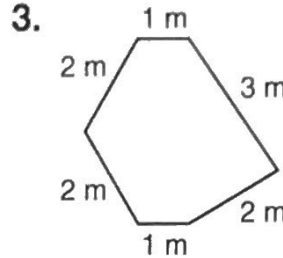
Find the perimeter of each figure.



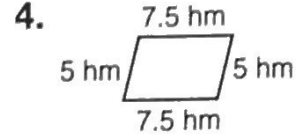
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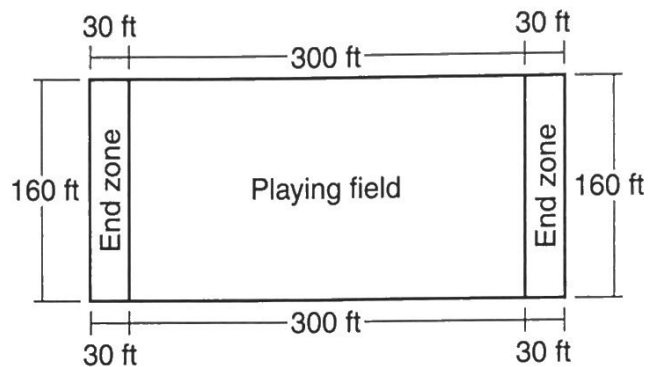


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5. **Number Sense** What is the perimeter of a square if one of the sides is 3 mi?

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The dimensions of a football field are shown at the right.



6. What is the perimeter of the entire football field including the end zones?

\_\_\_\_\_

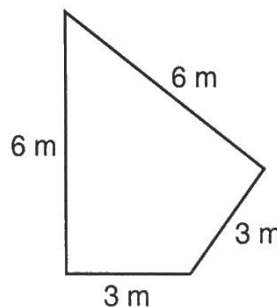
7. What is the perimeter of each end zone?

\_\_\_\_\_

## Test Prep

8. What is the perimeter of this figure?

- A. 18 m                      B. 15 m  
C. 12 ft                      D. 10 ft



9. **Writing in Math** A square has a perimeter of 12 m. How many possible lengths are there for each side? List them and explain your answer.

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