

Perimeter: Find the Missing Side

Name: _____

Grade 3 · The perimeter is given. Find the side marked ?

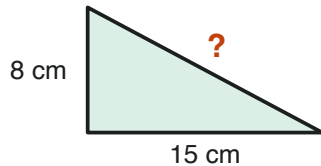
How it works

Add the sides you know. Then subtract that sum from the perimeter. What is left is the missing side.

A triangle: perimeter 30 cm, sides 12 cm, 8 cm and ?

$$12 + 8 = 20, \text{ then } 30 - 20 = 10 \text{ cm}$$

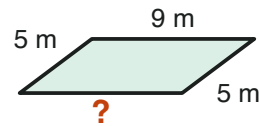
1.



Perimeter = 40 cm

$$? = \underline{\hspace{2cm}} \text{ cm}$$

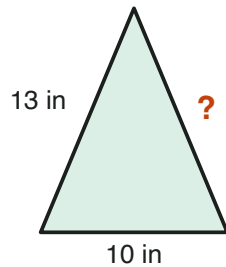
2.



Perimeter = 28 m

$$? = \underline{\hspace{2cm}} \text{ m}$$

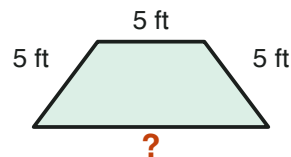
3.



Perimeter = 36 in

$$? = \underline{\hspace{2cm}} \text{ in}$$

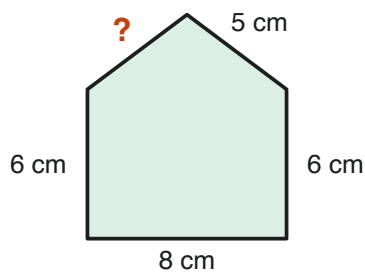
4.



Perimeter = 26 ft

$$? = \underline{\hspace{2cm}} \text{ ft}$$

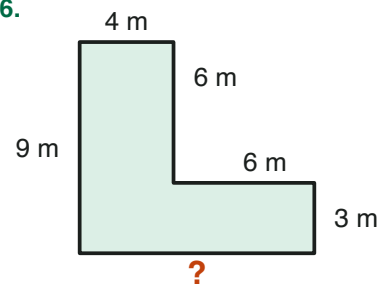
5.



Perimeter = 30 cm

$$? = \underline{\hspace{2cm}} \text{ cm}$$

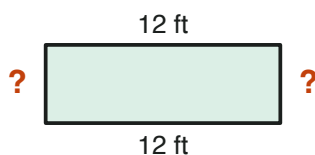
6.



Perimeter = 38 m

$$? = \underline{\hspace{2cm}} \text{ m}$$

7.

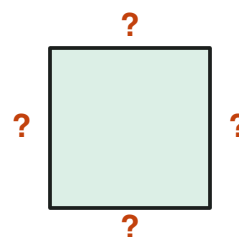


Perimeter = 32 ft

The two sides marked ? are the same length.

$$? = \underline{\hspace{2cm}} \text{ ft}$$

8.



Perimeter = 24 in

A square: all four sides are the same length.

$$? = \underline{\hspace{2cm}} \text{ in}$$

Perimeter: Find the Missing Side (Answer Key)

Grade 3 · The perimeter is given. Find the side marked ?

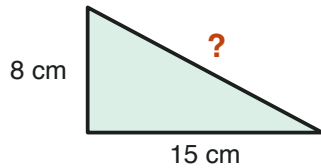
How it works

Add the sides you know. Then subtract that sum from the perimeter. What is left is the missing side.

A triangle: perimeter 30 cm, sides 12 cm, 8 cm and ?

$$12 + 8 = 20, \text{ then } 30 - 20 = 10 \text{ cm}$$

1.

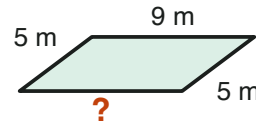


Perimeter = 40 cm

$$? = \underline{17} \text{ cm}$$

$$40 - 23 = 17$$

2.

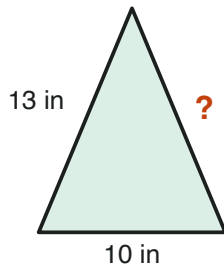


Perimeter = 28 m

$$? = \underline{9} \text{ m}$$

$$28 - 19 = 9$$

3.

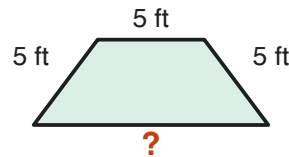


Perimeter = 36 in

$$? = \underline{13} \text{ in}$$

$$36 - 23 = 13$$

4.

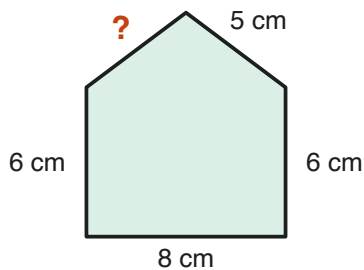


Perimeter = 26 ft

$$? = \underline{11} \text{ ft}$$

$$26 - 15 = 11$$

5.

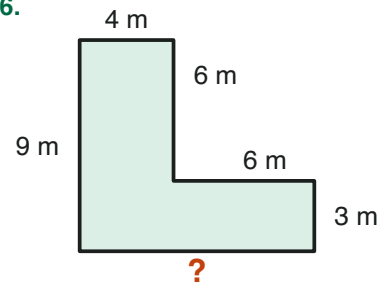


Perimeter = 30 cm

$$? = \underline{5} \text{ cm}$$

$$30 - 25 = 5$$

6.

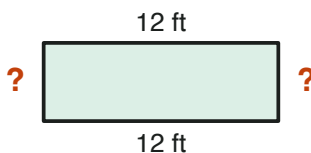


Perimeter = 38 m

$$? = \underline{10} \text{ m}$$

$$38 - 28 = 10$$

7.



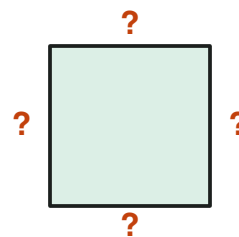
Perimeter = 32 ft

The two sides marked ? are the same length.

$$? = \underline{4} \text{ ft}$$

$$32 - 24 = 8, \text{ and } 8 \div 2 = 4$$

8.



Perimeter = 24 in

A square: all four sides are the same length.

$$? = \underline{6} \text{ in}$$

$$24 \div 4 = 6$$