

Name: _____ Class: _____ Date: _____ ID: _____

A

Perimeter

Multiple Choice

Identify the choice that best completes the statement or answers the question.

Find the perimeter of the rectangle with length 59 inches and width 91 inches.

150 in.

5,369 in.

300 in.

209 in.

Find the perimeter of a triangle with the following side lengths:

3.1, 3.7, and 2.9

5.7

16.6

9.7

4.9

Jon designs floor tiles. His latest design is shaped as a regular pentagon. Write a formula for the perimeter of the tile in terms of the length of a side. Evaluate the formula for the side length of 8 inches.

$P = 5 + s$; 13 inches

$P = 5s$; 40 inches

$P = 5s$; 48 inches

$P = 5 + s$; 14 inches

The diagram shows the dimensions of a triangular garden at the park. If another triangular garden spot is congruent to this triangle, what is the perimeter of the other garden?

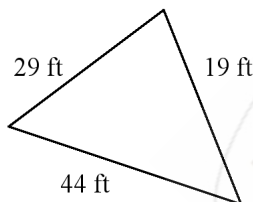


Diagram not to scale.

92 feet

57 feet

87 feet

132 feet

The expression $18 + x + 19$ represents the perimeter of a triangle. Simplify the expression.

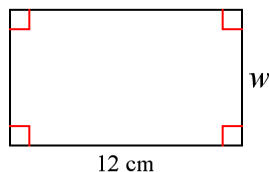
$x + 37$

$37x$

55

37

Simplify an expression to find perimeter.



$12w$

$2w + 12$

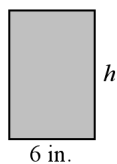
$w + 24$

$2w + 24$

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Find the value for h . Perimeter = 30 in.



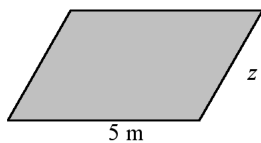
5 in.

7.5 in.

9 in.

8 in.

Find the value for z . Perimeter = 16 m



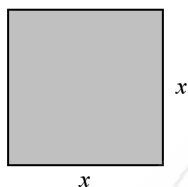
2 m

6 m

3.2 m

3 m

Find the value for x . Perimeter = 36 in.



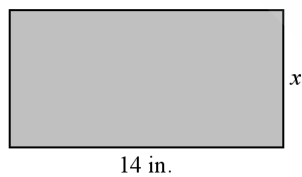
4 in.

27 in.

9 in.

18 in.

Simplify an equation for the perimeter. Perimeter of rectangle: 40 in.



$$28x = 40$$

$$14x = 40$$

$$2x + 28 = 40$$

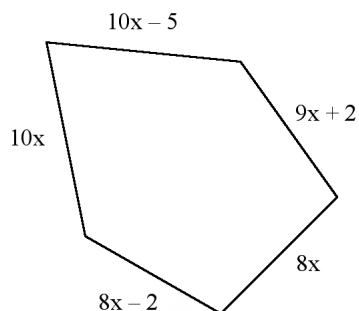
$$x + 14 = 40$$

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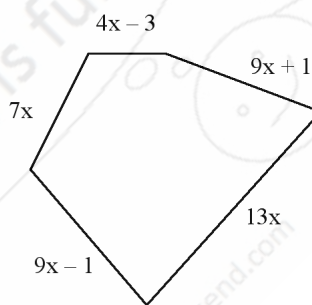
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Short Answer

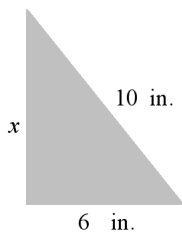
Simplify an expression for the perimeter.



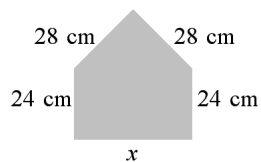
Simplify an expression for the perimeter.



Find the value of x . Perimeter = 24 in.



Find the value of x . Perimeter = 144 cm



Perimeter
Answer Section

MULTIPLE CHOICE

C
B
C
A
A
D
C
D
C
C

SHORT ANSWER

$45x - 5$
 $42x - 3$
8 in.
40 cm

