

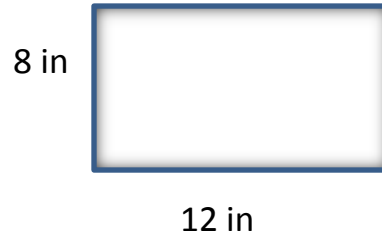
Name _____

Date _____

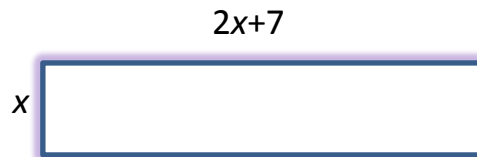
Area and Perimeter

Perimeter:

1) Find the perimeter of the rectangle. To find the perimeter you must _____ all _____ side lengths.



2) Write a simplified expression to represent the perimeter of the rectangle.

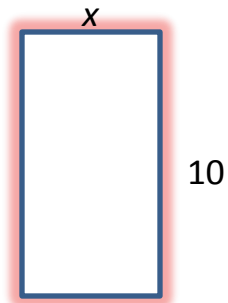


3) The perimeter of the rectangle is 30 m. Find the missing side length.

Write an equation:

Solve:

State your answer:

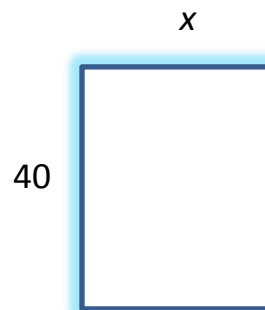


4) The perimeter of the rectangle is 140 cm. Find the missing side length.

Write an equation:

Solve:

State your answer:



5) The perimeter of the rectangle is 42 in. Find the missing side lengths.

Write an equation:

$2x$

Solve:

x



State your answer:

6) The perimeter of the rectangle is 54 yds. Find the missing side lengths.

Write an equation:

$2x+3$

Solve:

$3x-1$



State your answer:

7) The perimeter of the rectangle is 240 cm. The length is three times as long as the width.

Find the missing side lengths.

Write an equation:

Solve:

State your answer:

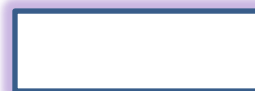


8) The perimeter of the rectangle is 76 cm. The width is 8 cm longer than the length.

Find the missing side lengths.

Write an equation:

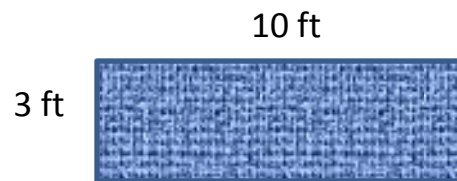
Solve:



State your answer:

Area:

1) Find the area of the rectangle. To find the area you must _____ the _____ by the _____.



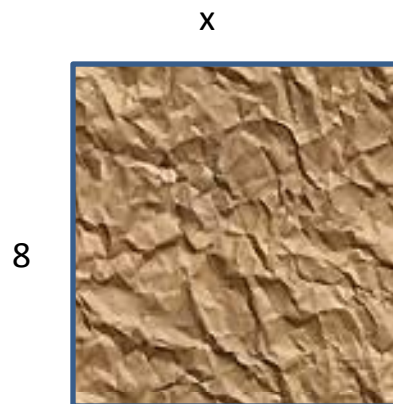
2) Write a simplified expression to represent the area of the rectangle.



3) The area of the rectangle is $48 m^2$. Find the missing side length.

Write an equation:

Solve:

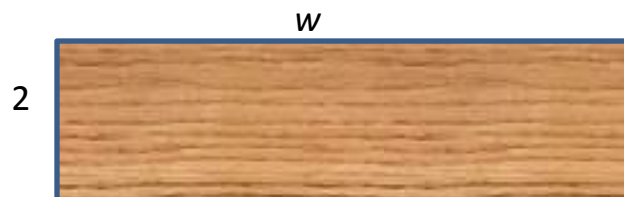


State your answer:

4) The area of the rectangle is $22 cm^2$. Find the missing side length.

Write an equation:

Solve:



State your answer:

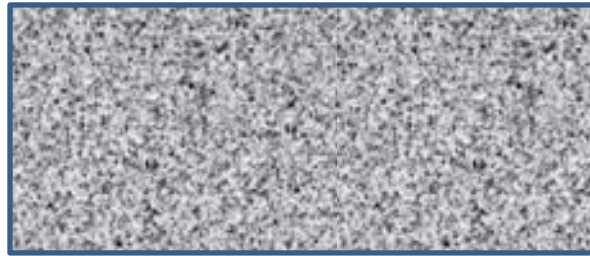
5) The area of the rectangle is $120 m^2$. Find the missing side length.

Write an equation:

$$2x$$

Solve:

$$6$$



State your answer:

6) The area of the rectangle is $108 m^2$. Find the missing side length.

Write an equation:

$$3x$$

Solve:

$$6$$



State your answer:

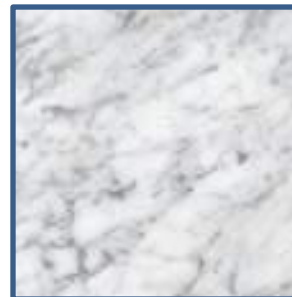
7) The area of the rectangle is $120 m^2$. Find the missing side length.

Write an equation:

$$8$$

Solve:

$$x+3$$



State your answer:

8) The area of the rectangle is $108 m^2$. Find the missing side length.

Write an equation:

$$g - 4$$

Solve:

$$6$$



State your answer: