

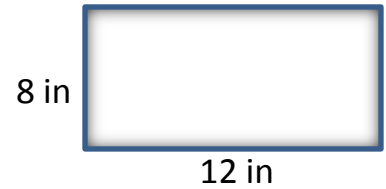
Name _____

Date _____

Perimeter

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

$$\square + \square + \square + \square$$



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

$$\square + \square + \square + \square$$

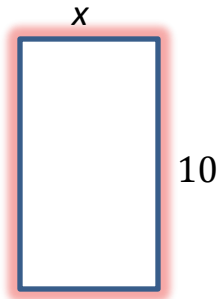


Simplified Expression: _____

3) Use the rectangle to the right to complete parts a and b.

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

$$\square + \square + \square + \square$$



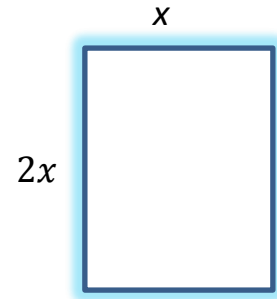
Simplified Expression: _____

b) Find the perimeter if $x = 5$ _____

4) Use the rectangle to the right to complete parts a and b.

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

$$\square + \square + \square + \square$$



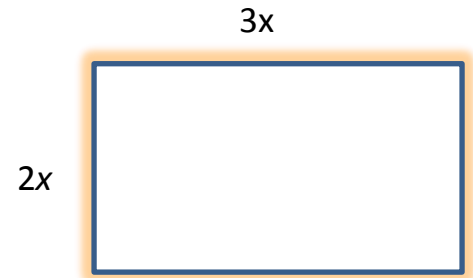
Simplified Expression: _____

b) Find the perimeter if $x = 3$ _____

5) Use the rectangle to the right to complete parts a and b.

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

$$\square + \square + \square + \square$$



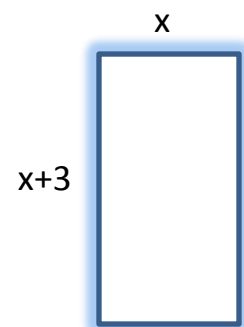
Simplified Expression: _____

b) Find the perimeter if $x = 8$ _____

6) Use the rectangle to the right to complete parts a and b.

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

$$\square + \square + \square + \square$$



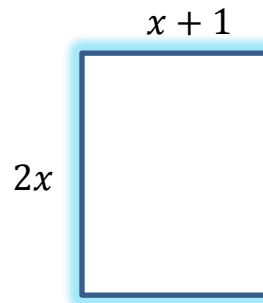
Simplified Expression: _____

b) Find the perimeter if $x = 4$ _____

7) Use the rectangle to the right to complete parts a and b.

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

$$\square + \square + \square + \square$$



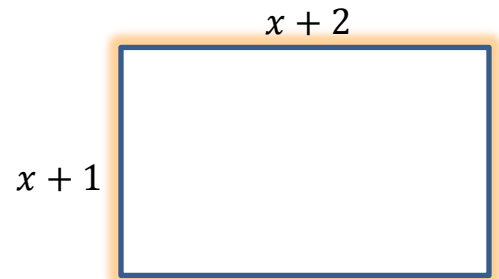
Simplified Expression: _____

b) Find the perimeter if $x = 3$ _____

8) Use the rectangle to the right to complete parts a and b.

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

$$\square + \square + \square + \square$$



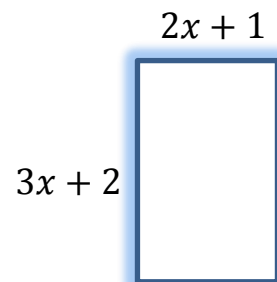
Simplified Expression: _____

b) Find the perimeter if $x = 8$ _____

9) Use the rectangle to the right to complete parts a and b.

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

$$\square + \square + \square + \square$$



Simplified Expression: _____

b) Find the perimeter if $x = 4$ _____

Challenge:

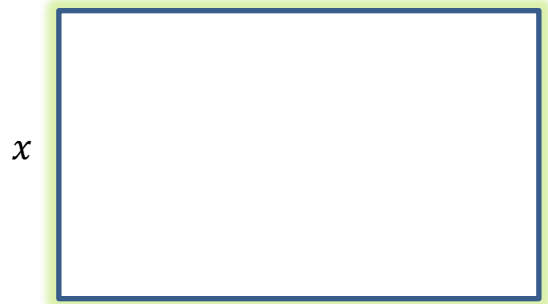
7) The length of the rectangle is three times as long as the width.

a) Label the missing side length.

b) Write a simplified expression to represent

The perimeter of the rectangle.

$$\square + \square + \square + \square$$



Simplified Expression: _____

c) Find the perimeter if $x = 2$ _____

Challenge:

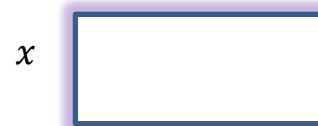
8) The width is 8 cm longer than the length.

a) Label the missing side length.

b) Write a simplified expression to represent

The perimeter of the rectangle.

$$\square + \square + \square + \square$$

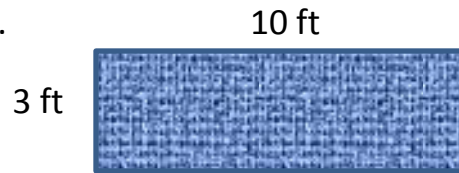
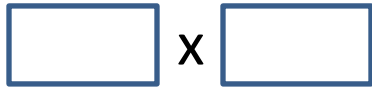


Simplified Expression: _____

c) Find the perimeter if $x = 9$ _____

Area

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



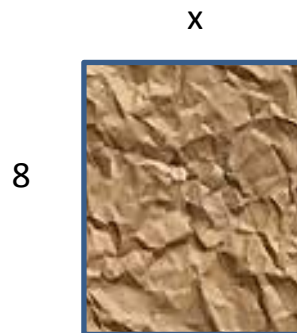
2a) Write a simplified expression to represent the area of the rectangle.



Expression: _____

b) Find the area if $y = 4$ _____

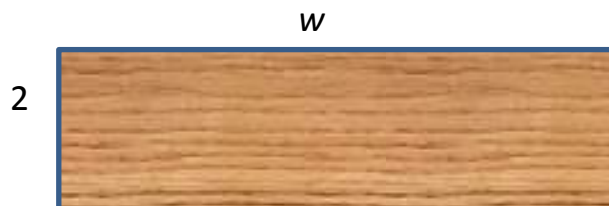
3a) Write a simplified expression to represent the area of the rectangle.



Expression: _____

b) Find the area if $x = 5$ _____

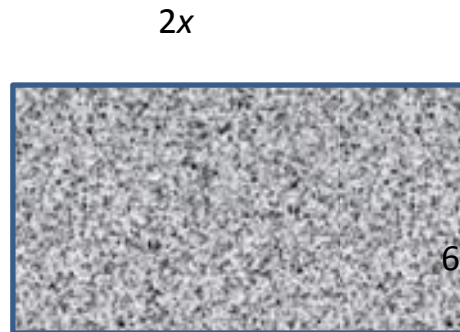
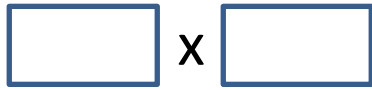
4a) Write a simplified expression to represent the area of the rectangle.



Expression: _____

b) Find the area if $w = 3$ _____

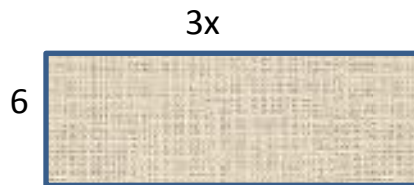
5a) Write a simplified expression to represent the area of the rectangle.



Expression: _____

b) Find the area if $x = 3$ _____

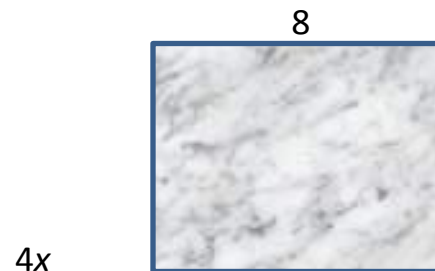
6a) Write a simplified expression to represent the area of the rectangle.



Expression: _____

b) Find the area if $x = 6$ _____

7a) Write a simplified expression to represent the area of the rectangle.



Expression: _____

b) Find the area if $x = 13$ _____

Challenge:

8a) Write a simplified expression to represent the area of the rectangle.

$$\square (\square)$$

Hint: Distribute

3

$$X + 2$$



c) Find the area if $x = 5$ _____

9a) Write a simplified expression to represent the area of the rectangle.

$$\square (\square)$$

5

$$g - 2$$



c) Find the area if $g = 10$ _____