

Simplify the expressions

1) 7k + 10 - 4k - 7

2) 10x + 4.5 - x - 4

3) 5.7p+3-2.4p-2p

Use the Distributive Property to simplify the expresssion

4)
$$4(c-2)$$

5) 8(9+5x+7)

Simplify the expresssion

6)
$$2(3+d-1)$$

7) 3(w+1)-1

Simplify the expresssion

8) 3.4*n*+9.6-2.1

9) 5(k+4)-2k









On the graph below, draw 3 different trapezoids.

Find the area of the trapezoid, using your knowledge of rectangles, parallelograms, and triangles.



Find the area of the trapezoid by splitting only into two triangles.





AREA FORMULA FOR A TRAPEZOID







Example 1: Find the area.



11 m

Example 2: Find the area.



13 m



3) Find the area of each trapezoid.





4) Find the area of each trapezoid.





- What is the area of the trapezoid? 5)
 - (A) 6 units^2 (B) 7 units^2 (C) 9 units^2 (D) 12 units^2



Practice

6) You can use a trapezoid to approximate the shape of Scott County, Virginia. The population is about 23,200. About how many people are there per square mile?

