

Simplify the following expressions.

1)  $4(5x + 2) - 7x$

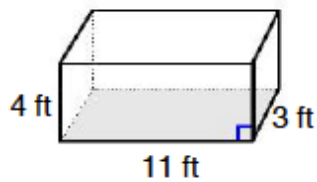
2)  $-5x + 2(12 - 3x)$

3)  $7x - 6 - 2(5x - 8)$

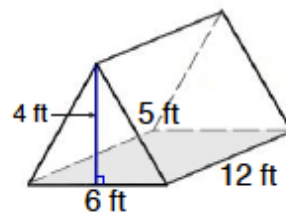
4)  $3x - 2(4x - 12)$

Find the volume of the figure using the formula  $V = Bh$ .

5)

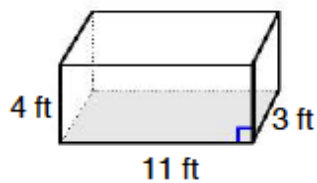


6)

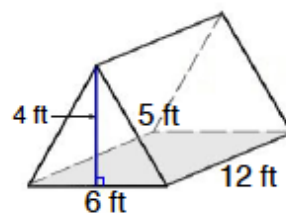


Find the surface area of the prisms using the formula  $SA = 2B + Ph$ .

7)



8)



9) If I ask you to find the surface area of an object, what am I asking you to find?

10) What is the difference between a 2-dimensional figure and a 3-dimensional figure?