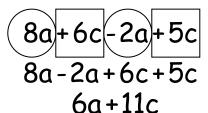
You can only combine terms that have the same variable.



*Remember to keep the sign with the number!!

Examples:

1.
$$10x - 6y + 5x$$

2.
$$3y - 9y + 5w + 2w$$

Solving - Combining Like Terms

We simplify expressions like 3a+5a+2

We solve equations like 3a + 5a + 2 = 34

ONLY find solutions by solving when there is an equal sign.

SIMPLIFY
$$9x - (3x - 8)$$

3.
$$4x + 2x = 24$$

Equations - Day	2
Notes	

5.
$$-6x - x + 3 = -4$$

6.
$$9 - 2c + 6c = 29$$

7.
$$2b + 7 - 3b = -5$$

8.
$$-19 = 10x + 8 - x$$

9. The sides of a triangle are (x + 12), (2x + 4), and (x). Find the value of x if the perimeter of the triangle is 180 inches.

10. The sides of a triangle are (x + 3), (x + 4), and (x + 7). Find the length of the longest side if the perimeter of the triangle is 104 inches.