Homework: _____

Learning Targets:

    2a. Understanding of when to combine like terms and preform inverses
    2b. Understanding the required order of inverses needed to solve all types of equations

❖ **To solve equations, you have to do the _____ operation**

❖ **You _____ like terms on each side of the equal sign**

❖ **You move your _____ to the same side!**

❖ **Once your variables are together, you move the number that is not _____ the variable first!**

Types of Solutions

One solution   No Solution   Infinite Solutions

$$5x - 3 + 2x = 8 \qquad\qquad\qquad 4x - 3 = 2x + 3$$

Problems for Left

Solve for x

- $2(x - 3) + 3x = 14$

- $2x - 3 + 4x = 6x + 3$

- $2x - 6 + x = 3(x - 2)$

- $4x + 6 = x - 9$