

SECTION 1.2: SOLVING MULTI-STEP EQUATIONS (PART I)

Homework: \_\_\_\_\_

To solve equations, you have to do the \_\_\_\_\_ operation

Addition → \_\_\_\_\_      Subtraction → \_\_\_\_\_

Multiplication → \_\_\_\_\_      Division → \_\_\_\_\_

**You move the number that is  
not \_\_\_\_\_ the variable first!**

$$2x + 3 = 15$$

$$-3x - 5 = -14$$

$$\frac{x}{2} + 3 = 7$$

*How do you check your solution?*

**Solve.**

1.  $10 = 2x - 8$

2.  $5 = \frac{x}{3} - 2$

3.  $7x + 3 = 17$

4.  $\frac{x+2}{3} = -4$

5.  $2(x - 6) = -10$

6.  $-25 = 5(x - 2)$