**Solving Two-Step Equations Notes**

**HOW TO SOLVE A TWO-STEP EQUATION if written as \_\_\_\_\_\_\_\_\_\_\_**

1. Draw a line through equal sign.
2. Undo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ first.
3. Undo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ second.
4. Check the solution.
5. Always write your answers with variables first. EX: x = 1

\*\*Similar to solving one-step equations. Same rules apply.\*\*

**HOW TO SOLVE A TWO-STEP EQUATION if written as \_\_\_\_\_\_\_\_\_\_\_**

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**DIRECTIONS:** Solve for the variable. Check your answers. Show all your work.

1. $10x + 3 = 33$ 2.) $5x - 8 = 32$

3.) $-47 = 3x - 50$$$ 4.) $\frac{h}{12}-5= -17$

5.) $-45 = \frac{m}{-2}+4$ 6.) $5=\frac{x}{3}-14$

7.) $\frac{a}{-5}+3= -2$ 8.) $\frac{v+9}{3}=8$