Name: Date: Period:

Solving One and Two Step Equations

- To solve an equation for a variable means to get the variable **ALONE** on their side of the equal sign.
- To do this, you perform the **INVERSE** operation, which is just the opposite of the operation in the problem.
- If it takes more than one step to get the variable alone, always eliminate the number **NOT ATTACHED** to the variable **FIRST**!

Let's do some examples together. Solve each equation for the variable.

1. $w + 5 = -20$

2. $x - 17 = -32$

3. $18m = 360$

4. $\dfrac{h}{5} = 12$

5. $6a + 7 = 55$

6. $8x - 7 = 17$

7. $9 - 1x = 7$

8. $15t + 16 = 11$

9. $11 = -6d - 1$

10. $8 - y = 1$