

# SOLVING ONE STEP EQUATIONS USING ADDITION & SUBTRACTION

7th GRADE

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
**Solving One Step Equations Using Addition & Subtraction**

1. When solving an equation, you must first \_\_\_\_\_ the variable.
2. To isolate the variable means that you need to \_\_\_\_\_
3. To isolate the variable, move numbers to the other side of the equation using \_\_\_\_\_ operations.
4. Inverse means \_\_\_\_\_
5. The inverse operation of addition is \_\_\_\_\_
6. The inverse operation of subtraction is \_\_\_\_\_
7. Once you find the value of the variable, \_\_\_\_\_ to make sure your answer is a solution.
8. The \_\_\_\_\_ states that when you add the same number to each side of an equation, the two sides remain equal.
9. Algebraic example: \_\_\_\_\_
10. The \_\_\_\_\_ states that when you subtract the same number to each side of an equation, the two sides remain equal.
11. Algebraic example: \_\_\_\_\_
12. Solve and check the equation below. Be sure to show all work!

$$x - 12 = -17$$

**INTERACTIVE  
NOTEBOOK  
INCLUDED!**

**NO PREP GUIDED NOTES & PRACTICE!**