Mr. Klansek Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date: \_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_

**Solving for a Variable**

This sheet focuses on solving for “y.” This concept is necessary for physics. If you need more room, use another piece of paper.

***Solve for “y”.***

1) x + y = 4 2) 2x + y = 41 3) 43x + y = 12

4) 3x – y = 16 5) -5x – y = 12 6) 6x + 2y = 12

7) 8) 9)

10) 11) 12)

13) 14)

15) 16)

**When you are finished:** assume that x = -3; what is the value of y for each problem?

 1. \_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_ 3. \_\_\_\_\_\_\_ 4. \_\_\_\_\_\_\_ 5. \_\_\_\_\_\_\_ 6. \_\_\_\_\_\_\_ 7. \_\_\_\_\_\_\_ 8. \_\_\_\_\_\_\_ 9. \_\_\_\_\_\_\_ 10. \_\_\_\_\_\_\_ 11. \_\_\_\_\_\_\_ 12. \_\_\_\_\_\_\_ 13. \_\_\_\_\_\_\_ 14. \_\_\_\_\_\_\_ 15. \_\_\_\_\_\_\_