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

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

7) 8) 9)

10) 11) 12)

13) 14)

**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. \_\_\_\_\_\_\_