Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_Period: \_\_\_\_\_\_Date: \_\_\_\_\_\_

**1.4 Solving Equations with More than One Variable\_Classwork**

*OBJECTIVE: Solve multi-step equations. Solve equations with more than one variable. CCSS: 8.EE.7*

*HW: (1.3-1.4 Quiz) p. 32 #1 – 10 (MUST DO FROM TEXTBOOK)*

REVIEW: SOLVE THE EQUATIONS

|  |  |
| --- | --- |
| EXAMPLE  1. | EXAMPLE  2. |
| 3. | 4. |

An equation that has two or more variables is called a *literal equation*. To rewrite a literal equation, solve for one variable in terms of the other variable(s).

|  |  |
| --- | --- |
| 5. REWRITING AN EQUATION Solve for y: 5x + 2y = 6 | 6. REWRITING A FORMULA  Formula for Surface Area of Cone  Solve for *l*: |
| 7. Solve for y: 5y – x = 10 | 8. Solve for *h*: |
| 9. Solve for y: 4x – 4y = 1 | 10. Solve for y: -2x – 3y = 6 |