Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table # \_\_\_\_ Per \_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

**1.0B NOTES – Two-Step Equations**

Directions: Solve the following equations below and show all your work.

|  |  |
| --- | --- |
| **EXAMPLE 1**$$-8x+3=35$$ | **EXAMPLE 2**$$5+\frac{x}{2}=-3$$ |
| **EXAMPLE 3**$$\frac{t}{6}+12=24$$ | **EXAMPLE 4**$$3n-\left(-6\right)=9$$ |
| You are trying to explain how to solve a math problem to your friend. You need to provide all detail steps so that your friend can understand. Write in complete sentences to explain how to solve the problem below. You can solve the problem on the left side and write your explanation on the right side.

|  |  |
| --- | --- |
| $$4+\frac{x}{3}=2$$ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

 |

**HW: 1.0B Homework (handout)**

Objective: use operations to solve multi-step equations; use the distributive property to solve multi-step equations CC.SS.8.EE.7a & 7b

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table # \_\_\_\_ Per \_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

**1.0C NOTES – Two-Step Equations**

Directions: Solve the following equations below and show all your work.

|  |  |
| --- | --- |
| **EXAMPLE 1:**$$\frac{r}{2}-\left(-9\right)=15$$ | **EXAMPLE 2:**$$15+\frac{x}{3}=-9$$ |

RED/BLUE will do problem 1 and YELLOW/GREEN will do problem 2. For the problem assigned, clearly write out the steps for your partner to follow and to solve the equation algebraically (YOU DO NOT SOLVE THE ASSIGNED PROBLEM).

|  |  |
| --- | --- |
| **PROBLEM 1:**$$9+ -2p=25$$ | **PROBLEM 2:**$$5x+(-11)=34$$ |

**HW: 1.0C Homework (handout)**

Objective: use operations to solve multi-step equations; use the distributive property to solve multi-step equations CC.SS.8.EE.7a & 7b