**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per.\_\_\_\_\_\_\_ Score:\_\_\_\_\_**

**U1 HW #3** *Solving Multi-Step Equations*

**Directions:** Solve the following equations showing all steps.

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1. **Find and Fix the Mistake:** In the following problems, a common mistake has been made. Circle the mistake and describe the mistake in words. Then, solve the equation correctly.

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| --- | --- |
| 1. Distribute the 2   Combine like terms (7 & 4)    Subtract 11 from both sides  Divide both sides by 6  Simplify the fraction    **Explanation of Mistake:**  **Solve Correctly:** | 1. Distribute the -2   Combine like terms (-6 & 5)  Add 1 to both sides  Divide both sides by -2    **Explanation of Mistake:**  **Solve Correctly:** |
| 1. Distribute the negative sign (-1)   Combine like terms (5 & -7)  Add 2 to both sides  Divide both sides by -2    **Explanation of Mistake:**  **Solve Correctly:** | 1. Distribute the   Subtract 5 from both sides  Divide both sides by 3    **Explanation of Mistake:**  **Solve Correctly:** |