**Chapter 9 Notes Name:**

**Advanced Chemistry**

Read each assigned section and document by writing the required information.

**9.1 Information Given by Chemical Equations**

1.What is the objective of this section?

**9.2 Mole-Mole Relationships**

2. What is the objective of this section.

3. Copy the problem called “Example 9.3” on page 243 here. Include the solution.

**9.3 Mass Calculations**

4. What are the objectives of this section?

5. Copy the question and answer for “Example 9.4” on page 245.

6. Copy the *“Steps for Calculating the Masses of Reactants and Products in Chemical Reactions”* from the box on page 247.

7. What is STOICHIOMETRY?

8. Describe the steps in the solution for “Example 9.5” on page 247-248.

**9.4 Calculations Involving a Limiting Reactant**

9. What are the objectives of this section?

10. What is a LIMITING REACTANT/REAGENT?

11. Copy the “Steps for Solving Stoichiometric Problems Involving Limiting Reactants” from page 255 here:

12. Copy Figure 9.2: A map of the procedure used in Example 9.7 from page 255 here:

13. Copy “Example 9.8” from page 256 here:

**9.5 Percent Yield**

17. What is the objective of this section?

18. Copy the problem called “Example 9.9” on page 257 here. Include the solution.