

Unit 6C: Stoichiometry

Chemistry Work Due on Test Day

1. Homework Packet

- a. Mole Map Conversion WS
- b. Mole WS #2
- c. Limiting Reactant Practice Problems (end of note sheet)
- d. Stoichiometry Practice Problems (end of note sheet)
- e. Stoichiometry Homework WS #1 (half-sheet)
- f. Study Guide

2. Warm-Up Notebook

- a. Warm-Ups #32 – 35 (35 will be given on test day)

3. Late Work - Limiting Reactant Lab

Stoichiometry Test Topics

1. Balancing equations
2. Classifying reaction types
3. Identify a reaction as endothermic or exothermic
4. Naming Acids
5. Regular stoichiometry problems (i.e. only one given quantity)
 - a. May use Dimensional Analysis or BCA
6. Limiting Reactant problems (i.e. given starting values of both reactants)
 - a. Must use BCA
 - b. Determine the limiting reactant and excess reactant
 - c. Determine the quantity of product formed
 - d. Determine the quantity of excess reactant remaining after the reaction is done
7. Interpret lab data
 - a. Determine the limiting reactant and excess reactant
 - b. Determine the theoretical yield
 - c. Determine the actual (i.e. experimental) yield
 - d. Determine the percent yield