

Chemistry Ch 9 STUDY GUIDE

Stoichiometry

- **LEARN all vocabulary** that is unfamiliar to you as you read. ASK your questions in class ASAP. Do the **Section review questions AND the REVIEWING CONCEPTS from this study guide, at the end of the chapter, on LOOSE LEAF TO BE TURNED IN WHEN THE CHAPTER IS FINISHED.**

Sec. 9.1: STUDY each of the FOUR types of PROBLEMS you will be expected to solve in this chapter. LEARN and be able to list all the possible mole ratios from any chemical equation (you must first balance the equation). Memorize the THREE steps used to solve these types of problems – do section review and END of chapter Reviewing Concepts from this study guide.

Sec. 9.2: IDEAL STOICHIOMETRIC CALCULATIONS. The “perfect” recipe. Do section review and Reviewing concepts from end of the chapter.

Sec. 9.3: Limiting Reactants problems GIVEN TWO OR MORE chemicals in a reaction – decide FIRST which is the limiting reactant if any!
% yield problems! You must know the ACTUAL yield of a product to compare to the IDEAL (theoretical) yield of the product.

***IN YOUR NB:** Reviewing Concepts end of chapter pages 295: #s 1 – 8 and problems pages 296 - 298 #s 9 – 21 **ODDS** and 21 – 29 **ODDS**

HAND IN Pages 296 - 298

Assignment #1: #s 10 – 20 **EVEN**S

Assignment #2: #s 22 - 30 **EVEN**S

EXTRA CREDIT DUE with assignment #2 - Page 298 #s 33, 34, 36 ANY TWO

QUIZZES ON EACH SECTION AND ALL NOTEBOOK, HOMEWORK AND HANDOUTS TO CHECK ON YOUR UNDERSTANDING AND TO BE CERTAIN YOU ARE KEEPING UP WITH THE CLASS.

Labs to relate the material we are studying to the use of chemistry in our world.