

BASIC CONCEPTS OF CHEMISTRY

Chapter 7

Quantitative Relationships in Chemistry

Objectives:

- * Perform stoichiometry calculations using mole ratios from balanced equations
- * Given the masses of two different reactants, determine the limiting reactant and calculate the yield of product
- * Calculate the percent yield of a reaction from the measured actual yield and the calculated theoretical yield
- * Given the change in enthalpy for a reaction, calculate the amount of heat gained or released by a given mass of reactant