

Stoichiometry Study Guide

Vocabulary to be familiar with:

- Stoichiometry
- Mole ratio
- Molar mass
- Molar volume
- Avogadro's number
- Limiting reactant/Limiting reagent
- Excess Reactant
- Theoretic yield
- Actual or Experimental Yield
- STP

Objectives:

Calculate the following stoichiometry problems with proper mole ratios.

- Balancing Reactions
- Mole to mole ratios
- Calculations involving
 - Mass to mole or mole to mass
 - Mass to mass
 - Mass to volume or volume to mass at STP
 - Volume to volume at STP
- Limiting Reagent problems
- Percent yield
- Excess Reagent