

Chapter 11 Study Guide

Mole Conversions, Percent Composition, Empirical Formulas

Chemistry I B. White



Chapter 11 Objectives

- You will use the mole and molar mass to make conversions among moles, mass, and number of representative particles.
- You will determine the percent composition of the components of compounds.
- You will calculate the empirical and molecular formulas for compounds and determine the formulas for hydrates.

Activities

___ Activity on counting particles

___ Classroom practice

___ Lab on percent composition

___ Activity on hydrated crystals, p. 342

___ Optional student review and self-assessment from the web site www.chemistrymc.com

Username: cmc2005

Password: t8chefec

Assignments

___ Chapter 11 Text Practice Problems: **p. 346, 89-135 (odd only); 136-156 (even only)**

Homework must be turned in on 8 ½ x 11 inch unlined paper. Homework must be completed and checked before the day of the chapter test, and it is the responsibility of the student to make sure that the homework is complete and corrected.