

Chapters 2 Study Guide

Dimensional Analysis and Measurement

Chemistry I
B. White



Chapter 2 Objectives

- You will use measuring devices properly so that the correct number of significant digits are recorded.
- You will be able to do calculations involving measured quantities and report the result to the proper degree of precision.
- You will be able to use dimensional analysis (factor-label method) to solve a variety of problems.
- You understand basic and derived units of SI and be able to use prefixes to convert among numbers.

Activities

- ___ Dimensional Analysis
- ___ Classroom Activity on Measuring Properly
- ___ Lab on Measurement

Assignments

- ___ Chapter 2 Text Practice: **p. 50, 75-80, 83-85, 89, 93**
- ___ Chapter 2 CALM Assignment (Maybe?)
- ___ Practice Sheets

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.