

Chapter 1 Study Guide

After lecture:

1. Read Ch. 1 in textbook
2. Define the following terms:
 - a. Accuracy
 - b. Precision
 - c. Uncertainty
 - d. Law
 - e. Theory
 - f. Order of magnitude
 - g. Approximation
 - h. Significant figures
 - i. Length
 - j. Time
 - k. Mass
 - l. Units
3. Review notes from lecture.
4. Redo all example problems from lecture.
5. Complete the “Check your Understanding” problems on pages 18, 24, 28, and 31.
6. Work through example problem 1.1, 1.3, and 1.4.
7. Answer conceptual questions 2, 3, 7, 8, 11, and 12 on page 32 of the text.
8. Complete the homework for chapter 1 (available on Blazeview).
9. For extra practice, try the following problems from chapter 1 of the textbook: 1, 2, 4, 5, 7, 9, 11, 13, 14, 17, 21, 24, 26, 29, 31, 32, 33