

**Chem 116 - Section 1**  
**Spring, 2007**  
**Assignment 1**

**Reading Assignment**

Read all of Chapter 10. After that, read sections 11.1 - 11.6, skip section 11.7, and read section 11.8. (You may want to skim through section 11.7 for general interest, but I will not lecture or test you on this material.)

**Homework Assignment**

Do the following problems, which we will go through in discussions during the week of February 5. Be sure to attend your assigned discussion section. (If you are registered in the night discussion section, change immediately to one of the day sections.) Attendance will be taken every week. Answers to these and most other assigned problems are available in the *Student Solutions Manual*, bundled with your text. If I assign any problems not covered by the *Student Solutions Manual*, I will post my solutions on the web site under "Solutions". The complete *Solutions Manual*, which contains worked-out answers to all the problems in the book, is on reserve in the Library.

Chapter 10: 10.9, 10.13, 10.17, 10.21, 10.23, 10.25, 10.29, 10.31, 10.35, 10.39 [Answer to part b is 9.41 L], 10.43, 10.47, 10.53.

In addition to these exercises, go through the problems in "Calculator Practice", posted under Assignments on the web site. (If you were in Chem 115 last semester, you have seen these before, but do them again!) Answers for all exercises are given on the second page. Pay special attention to learning how to use your calculator for doing logarithms (both natural and base 10) and exponentials ( $e^x$ ), which will be particularly important this semester. If you have any questions about these problems or how to use your calculator to get the correct answers, ask your discussion instructor for help. This would also be a good time to familiarize yourself with the way in which your calculator solves quadratic equations. (If it doesn't do this, get a new calculator.)