

Chemistry 120 Homework Assignments

Please read these directions carefully!

For each chapter, you should do the following:

1. Read the chapter.
2. Complete any in-chapter exercises you come across (see Exercise 1.1 on page 14 for an example). *Note that the answers for all in-chapter exercises are published in the Study Guide, which is available online at the author's web site. You will not turn these in.*
3. Complete the *Key Ideas* section at the beginning of each problem section (see p.26-27 for an example). I intend to publish the answers for *all* of these on the course web site. **You will not turn these in.**
4. Complete the assigned Chapter Problems for each chapter. Solutions for the questions in red are available in the study guide. **You must turn in your responses for all assigned questions in the textbook with black problem numbers.** Do not turn in your answers for the questions in black with those in red. *For example, for Chapter One you will only turn in responses (showing your work) for questions 24, 26, 35, 40, 44a, and 46.* Pay attention to the following:
 - a. On the first page of the homework, write your **full** name in the upper right-hand corner, last name first. The title **must** indicate which assignment is being completed (i.e. Chapter One Homework) or no credit will be given.
 - b. Show your work for all questions involving computations.
 - c. Space your work out and write neatly to assist in grading.
 - d. Explain your answers where appropriate, and avoid one-word responses. I generally will not assign such questions to be turned in for credit.

Assigned Problems

Chapter 1: 17, 19, 21, 23, 24-26, 35, 40, 43a, 44a, 45, 46, 47a

Chapter 2: 26, 28, 32, 34, 35b, 36, 37, 40-44, 46, 48, 49, 50, 52, 54, 56, 58, 59b, 60, 62-64, 67, 68, 70, 75, 76, 80, 85, 88, 93, 98, 103, 108

Chapter 3: 44, 45, 47, 56, 60, 67, 68, 71, 73ab, 76, 79, 84, 86, 90, 92, 95

Chapter 4: 62, 65, 75, 85, 90, 92, 94, 97-113(odds) [You will not turn in this assignment]

Chapter 5: 63-75(odds), 78, 80, 86, 90, 92, 96, 102, 104, 106, 109, 111, 113, 121, 126, 127

Chapter 6: 29, 31, 33, 35, 36, 38, 40, 47, 49, 51bcd, 53, 54, 55, 57, 59, 61, 65, 71, 73, 76, 80-92(evens), 97-109(odds), 115, 119, 125, 131, 141, 143

Chapter 7: 37, 45, 54, 56, 58, 60, 62, 64, 67b, 69bc, 74, 80, 90, 97, 99, 101; you should also work on p. 289 (from Exercise 7) in the lab book

Chapter 8: 30, 32, 36, 42, 44, 48, 50, 53, 55, 57, 59, 63, 65, 74, 78

Chapter 9: 30, 34, 36,38, 40, 42, 45, 49, 51ab, 55, 57, 59ab, 62, 69, 73, 87, 99

Chapter 10: 22, 26, 31, 33, 38, 40, 42, 50-62 (even), 70, 72, 76, 80, 84, 94, 96, 98

Chapter 11: 42, 49, 53, 55, 59, 63, 67, 71-77(odd), 80, 87-95(odd), 100, 102, 104, 106