

## List of End-of-Chapter Homework Problems for Chem 103 Online Fall 2016

The odd problems have answers in the back of the textbook, but you should still work them out. The even problems are similar to the odd problems and you should work them out in detail. Even though many assignments besides the end-of-chapter homework (see checklists) are due on the same date, try to spread the assignments out to make sure there is time to ask questions and complete the work. Make sure you show your work in detail or you will not receive credit for the work. Place a box around your final answer and follow the directions below to submit homework. Note: Assignments for all chapters in LaunchPad (excluding case studies) are due the same dates as the homework due dates listed below.

Course Websites: Launchpad: <http://www.macmillanhighered.com/launchpad/johl3e/3402730>

Blackboard: <http://www.fullcoll.edu/blackboard>

### How to submit your homework:

Complete your homework by hand and scan the pages. Submit your End-of-Chapter Homework for Chapter 1 by attaching a readable file such as a pdf, work doc, jpeg, gif, or png file to the **End of Chapter Homework - Chapter 1 Drop Box in Blackboard**. The filename should be Chapter 1 HW and include your firstinitial\_lastname in the filename. (example: Chapter 1 HW j\_doe). Make sure you put your name on each page of the homework as well. The homework due dates are listed in LaunchPad.

If you cannot access a scanner, contact me at [jchadwick@fullcoll.edu](mailto:jchadwick@fullcoll.edu) for mailing instructions or location to nearest copy center. All work must be time stamped by the due date regardless of method of submission. I do not accept late homework

Chapter	End-of-Chapter Problems	Points	Due Date in Drop Box
Chapter 1	15, 17, 19, 20, 21, 24, 25, 26, 31, 32, 33, 34, 40, 41, 42, 50, 51, 52	18 points	August 29
Chapter 2	19, 20, 23(a&b), 25 (a,b,c), 26, 29(a&b), 31(a&c), 32(a&b), 37(a&b), 38(a&b), 45, 46(a&b), 47, 48, 50, 55(a&b), 57(a&b), 59(a&b), 74, 75, 76, 82 & 83.	23 points	Tuesday, September 6
Chapter 3	49, 50, 51, 52, 53(a&b), 54(a&b), 59, 60, 61(a&b), 62(a&b), 71(a&b), 72(a&b), 73(a&b), 74(a&b), 75(a&b), 76(a&b), 77 (a&b), 85, 86, 88.	20 points	Friday, September 16 (Exam 1 due next Monday)
Chapter 4	23, 24, 27(a&b), 28(a&b), 29(a&b), 30(a&b), 33, 34, 37, 38, 47, 48, 53(a&b), 54(a&b), 55(a&b), 56(a&b), 57, 58, 62(a&b), 63(a&b), 71, 72, 75, 81, 82.	25 points	Monday, October 3
Chapter 5	23, 27, 28, 29, 30(a&b), 31(a&b), 32(a&b) 35(a&b), 34, 36(a&b) 39, 40, 42, 43(a&b), 44(a&b), 45, 46, 48(a&b), 52, 53, 55, 56	22 points	Monday, October 17
Chapter 6	29, 30, 33, 34, 36, 41(a&c), 42(a&b), 47(a&b), 48(a&b), 49(a&b), 50(a&b), 51(a&b), 52(a&b), 55(a&b), 58, 63, 64(a&b), 67, 68, 69, 74, 75	22 points	Friday, October 28 (Exam 2 due next Monday)
Chapter 9	13, 20, 24, 26, 27, 29, 31(a&c), 32(a&b), 34, 38, 39, 40, 44, 48, 50, 51, 52, 54, 56, 57, 58, 76	22 points	Monday, November 14
Chapter 10	17, 18, 29(a&b), 30(a&b), 31(a&b), 32(a&b), 33(a&b), 34(a&b), 35(a&b), 36(a&b), 37(a&b), 38(a&b), 49, 50, 59, 60, 58, 71, 72, 75, 78, 80, 81	23 points	Monday, November 28
Chapter 12	10, 14, 15, 18, 20, 22, 25, 26, 29, 30, 32, 33, 34, 35(a&b), 37(a&b), 38(a&b), 39(a&b), 40(a&b), 42, 43 44, 46, 47	20 points	Friday, December 2 (Exam 3 due next Monday)