

Textbook Homework for Chemistry 202

Chemical Principles was written for Chemistry 202-204 and similar courses at other universities. The text assumes a prior knowledge of chemistry equivalent to that in a good, one-year high school chemistry course. The end-of chapter problems are organized such that the more routine problems are given first, arranged by section. **You should be able to do all of these problems** after reading and understanding the chapter. The more difficult problems that require more creativity are given under the “Additional Problems” heading, with the most difficult problems under the “Challenge Problems” heading. **You will probably not be able to do all of these problems the first time you try them.** If you cannot do a particular problem, reread the appropriate material and try again. By the time we finish with the material in a particular chapter, we expect that you will be able to do all of the problems at the end of that chapter. **You are expected to understand all of the concepts in these problems.**

Textbook Homework for Exam I

OWL Assignments for End-of-Chapter Problems:

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| Wednesday, August 25: | Chapter 3: 37, 44, 47, 59, 61, 94, 98 |
| Friday, August 27: | Chapter 3: 70, 74, 75, 81, 82, 88, 100 |
| Monday, August 30: | Chapter 3: 103, 124, 129, 137 Chapter 4: 3, 5, 17, 26, 30, 91 |
| Wednesday, September 1: | Chapter 4: 44, 55, 93, 119, 123 |
| Friday, September 3: | Chapter 5: 29, 31, 35, 43 |
| Wednesday, September 8: | Chapter 5: 44, 50, 54, 121, 152 |
| Friday, September 10: | Chapter 5: 43, 66, 158, 160 |
| Monday, September 13: | Chapter 5: 18, 79, 80, 90, 104, 147, 159 |
| Wednesday, September 15: | Chapter 6: 9, 14, 44, 46, 75 |
| Friday, September 17: | Chapter 6: 25, 33, 36, 87, 100 |
| Monday, September 20: | Chapter 6: 37, 61, 84, 97, 101, 113 |

The problems given below should be attempted **before** the lecture as stated below. They will be collected by your TA in your Discussion section (either Tuesdays or Thursdays, as noted).

Tuesday, August 31

Wednesday, August 25: Chapter 3: 112, 135
Friday, August 27: Chapter 3: 63, 65, 125, 126, 140

Tuesday, September 7

Monday, August 30: Chapter 3: 104, 132
Wednesday, September 1: Chapter 4: 21, 48, 97, 126
Friday, September 3: Chapter 5: 26, 28, 119

Tuesday, September 14

Wednesday, September 8: Chapter 5: 120, 126
Friday, September 10: Chapter 5: 55, 67, 75, 146, 167
Monday, September 13: Chapter 5: 59, 103, 148, 165

Tuesday, September 21

Wednesday, September 15: Chapter 6: 44, 46, 75
Friday, September 17: Chapter 6: 98
Monday, September 20: Chapter 6: 59, 102, 106, 112

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Thursday, August 26

Wednesday, August 25: Chapter 3: 112, 135

Thursday, September 2

Friday, August 27: Chapter 3: 63, 65, 125, 126, 140
Monday, August 30: Chapter 3: 104, 132
Wednesday, September 1: Chapter 4: 21, 48, 97, 126

Thursday, September 9

Friday, September 3: Chapter 5: 26, 28, 119
Wednesday, September 8: Chapter 5: 120, 126

Thursday, September 16

Friday, September 10: Chapter 5: 55, 67, 75, 146, 167
Monday, September 13: Chapter 5: 59, 103, 148, 165
Wednesday, September 15: Chapter 6: 44, 46, 75

Thursday, September 23

Friday, September 17: Chapter 6: 98
Monday, September 20: Chapter 6: 59, 102, 106, 112