

# Textbook Homework for Chemistry 204

*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.**

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## Textbook Homework for Exam III

### OWL Assignments for End-of-Chapter Problems (due by 10 pm as marked):

<b>Monday, March 25:</b>	<b>Chapter 17:</b> 13, 15, 26, 30, 32, 34, 39
<b>Wednesday, March 27:</b>	<b>Chapter 17:</b> 42, 44, 45, 46, 49, 51, 52, 53, 56, 57
<b>Friday, March 29:</b>	<b>Chapter 17:</b> 64, 68, 70, 73, 74, 81, 82, 83, 84, 87, 91
<b>Monday, April 1:</b>	<b>Chapter 17:</b> 112, 114, 116, 128, 129, 135, 136
<b>Wednesday, April 3:</b>	<b>Chapter 11:</b> 16, 20, 22, 24, 30, 31
<b>Friday, April 5:</b>	<b>Chapter 11:</b> 35, 37, 40, 42, 43, 44
<b>Monday, April 8:</b>	<b>Chapter 11:</b> 53, 54, 58, 64, 65, 69, 71, 106, 108
<b>Wednesday, April 10:</b>	<b>Chapter 11:</b> 72, 74, 75, 80, 83, 86, 111
<b>Friday, April 12:</b>	<b>Chapter 11:</b> 124, 127, 128, 129, 130
<b>Monday, April 15:</b>	<b>Chapter 21:</b> 1, 8, 10, 11, 16, 19, 20, 22
<b>Wednesday, April 17:</b>	<b>Chapter 21:</b> 23, 25, 26, 31, 32, 37, 38
<b>Friday, April 19:</b>	<b>Chapter 21:</b> 39, 41, 42, 43, 45, 46, 48, 50
<b>Monday, April 22:</b>	<b>Chapter 21:</b> 53, 56, 57, 58, 62, 65, 67, 68, 72, 170

The problems given below are correlated with a given lecture as stated below. They will be collected by your TA in your Discussion section (either Tuesdays or Thursdays, as noted).

**Tuesday, March 26**

Chapter 17: 16, 33, 35, 40

**Tuesday, April 2**

Chapter 17: 43, 47, 48, 50, 61, 63, 66, 72, 80, 85, 88, 89, 106

**Tuesday, April 9**

Chapter 17: 113, 115, 117

Chapter 11: 19, 21, 23, 25, 28, 36, 38, 48, 50, 55, 59, 61, 70

**Tuesday, April 16**

Chapter 11: 73, 81, 84, 87, 93, 107, 112, 126

Chapter 21: 12, 13, 15, 21

**Tuesday, April 23**

Chapter 21: 33, 44, 47, 55, 61, 63, 64, 66, 72

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**Thursday, March 28**

Chapter 17: 16, 33, 35, 40, 43, 47, 48, 50

**Thursday, April 4**

Chapter 17: 61, 63, 66, 72, 80, 85, 88, 89, 106, 113, 115, 117

Chapter 11: 19, 21, 23, 25, 28

**Thursday, April 11**

Chapter 11: 36, 38, 48, 50, 55, 59, 61, 70, 73, 81, 84, 87, 93

**Thursday, April 18**

Chapter 11: 107, 112, 126

Chapter 21: 12, 13, 15, 21, 33, 44, 47

**Thursday, April 25**

Chapter 21: 55, 61, 63, 64, 66, 72