

CH241 Homework

Problem Sets:

- Problem Set 1 (Chapter 1)
 - Answers to Problem Set 1
- Problem Set 2 (Chapter 2)
 - Answers to Problem Set 2
- Problem Set 3 (Chapter 3)
 - Answers to Problem Set 3
- Problem Set 4 (Chapter 4)
 - Answers to Problem Set 4
- Problem Set 5 (Chapter 5)
 - Answers to Problem Set 5
- Problem Set 6 (Chapter 6)
 - Answers to Problem Set 6
- Problem Set 7a (Chapter 7)
 - Answers to Problem Set 7a
- Problem Set 7b (Chapter 7)
 - Answers to Problem Set 7b
- Problem Set 8 (Chapter 8)
 - Answers to Problem Set 8
- Problem Set 9a (Chapter 9, MS and IR)
 - Answers to Problem Set 9a
- Problem Set 9b (Chapter 9, NMR)
 - Answers to Problem Set 9b
- Problem Set 10 (Chapter 10)
 - Answers to Problem Set 10
- Problem Set 11 (Chapter 11)
 - Answers to Problem Set 11

Note: all questions on Problem Set 10 are relevant to Exam 3 material except for 4d

Suggested Textbook Problems (End of Chapter):

Chapter 1: 35-37, 39-40, 43, 45-52, 54, 58-59

Chapter 2: 35-37, 41-44, 46-48, 50-53, 58-59, 61-62, 65-71

Chapter 3: 37-40, 45, 47-48, 50-54 (*Note: 41-43 are OK too but very time consuming!*)

Chapter 4: 32-37, 40-56

Chapter 5: 32-38, 40-48, 49b, 50b, 51-52, 58

Chapter 6: 21-26 (*these are all naming - don't drive yourselves crazy with them!*), 27-28, 29a, 31, 32-33 (*more naming!*), 35

Chapter 7: 35-37, 39-43, 44a, 46-48, 50, 52-54, 56a-c, 57-59, 61, 63, 66-67

Chapter 8: 20-24 (except 22a and 24b), 26-28, 30-31

Chapter 9: 34-38, 40-43, 46-48, 51-52, 55-57, 60, 63-64, 66-68, 78, 81

Chapter 10: 25-40, 42-45, 47-49, 53, 57

Note: the following questions are relevant to Exam 3 material: 25abcde, 26-33, 35-36, 38-40, 47ab, 53acde, 57

Chapter 11: 34-35, 36a-i, 37-40, 41abef, 42-45, 49, 51, 55, 58, 61

BACON time! (this is optional extra credit work)

- Visit [learnbacon.com](https://www.learnbacon.com)
- Click 'Sign Up' to create your account.
- Follow the instructions and then register for the appropriate course.
- When prompted enter your own college ID # and this PIN: **KH241CC**

Your first assignment is the Stereochemistry tutorial

Your second assignment is the Functional Groups and Reactivity Fundamentals tutorial

Your third assignment is the Substitution Reactions tutorial

Your fourth assignment is the Elimination Reactions tutorial

Your fifth assignment is the Alkenes and Alkynes tutorial