

# 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**