



AP Chemistry Summer Assignment:

Textbook:

Zumdahl, Steven and Susan Zumdahl, Chemistry, 9th Edition. Stamford, CT, Cengage Learning, 2014.

Chapter 1: Chemical Foundations

Read: Pages 1-31

Problems: 16, 18, 19, 21, 23, 24, 29, 31, 33, 34, 37, 39, 47, 55, 59, 67, 69, 75, 79, and 81.

Chapter 2: Atoms, Molecules, and Ions

Read: Pages 43-70

Problems: 17, 19, 23, 25, 29, 31, 33, 35, 39, 45, 53, 65, 69, 71, 73, 75, 77, 89, 91, and 95.

Chapter 3: Stoichiometry

Read: Pages 82-123

Problems: 25, 27, 29, 31, 33, 37, 39, 43, 44, 47, 63, 69, 73, 75, 81, 83, 97, 99, 105, and 119.

Chapter 4: Types of Chemical Reactions and Solution Stoichiometry

Read: Pages 139-177

Problems: 17, 19, 21, 23, 25, 29, 35, 39, 43, 45, 51, 53, 61, 65, 69, 73, 77, 79, 81, and 83.