



Assignment Sheet 2 – CP Chemistry Modern Chemistry Chapters 3 + 4

You are expected to READ each chapter in the textbook. Then complete the assigned questions for each chapter. The chapter homework is due approximately once per week.

When doing your homework, be sure to answer each question completely. Any question asking for an explanation should be answered in a complete sentence. Any mathematical question must show work.

While I will always expect you to know the vocabulary from the chapters, I will NOT be counting this as part of your homework grade. However, be sure to study the vocabulary for the tests and quizzes.

Due Date

Chapter 3: Atoms: The Building Blocks of Matter

Page 89: #1, 2, 5, 6-9, 11, 14, 17ae, 18bc, 19, 21ab, 22ab, 23ab, 25, 27

Due Date

Chapter 4: Arrangement of Electrons in Atoms

Page 124: #1, 3, 4, 6, 8-11, 16-22, 26-28, 31, 35, 37, 38, 42, 44, 46, 50

Atoms and Matter

Across

- Negatively charged particles that circle the nucleus.
- The name of one of the types of quarks found in protons and neutrons.
- The name of one of the types of quarks found in protons and neutrons.
- Protons and neutrons are made up of these particles.

Down

- The central part of the atom.
- Positively charged particles found in the nucleus of the atom.
- Neutral particles found in the nucleus of the atom.

