

Tasks for Chapter 4

In this chapter, you will,

- distinguish between atoms, ions and molecules
- describe the arrangement of electrons in atoms, ions and molecules
- write names and formulas for ionic and covalent compounds
- balance chemical equations
- explain the law of conservation of mass as it applies to chemical reactions

4.1 Atomic Theory and Bonding

- Notes
- Crossword
- Practice Problems from the textbook on page 176.
- Workbook pages 56 to 64.

4.2 Chemical Names and Formulas

- Notes
- Practice problems from the textbook on page 187
- Practice Problems from the textbook on page 188
- Practice Problems from the textbook on page 190
- Practice Problems from the textbook on page 191
- Practice Problems from the textbook on page 193
- Practice Problems from the textbook on page 195
- Practice Problems from the textbook on page 197
- Workbook pages 65 to 73

4.3 Chemical Equations

- Notes
- Counting Atoms
- Practice Problems from the textbook on page 207
- Practice Problems from the textbook on page 211
- Workbook pages 74 to 80