

BASIC CONCEPTS OF CHEMISTRY

Chapter 2

Elements and Compounds

Objectives:

- * List the names and symbols of common elements
- * List the postulates of the Atomic Theory
- * List the components of an atom and their relative masses, charges, and location in the atom
- * Using the table of the elements, determine the number of protons, neutrons, electrons, and atomic mass of any isotope of an element
- * List the characteristics of a compound composed of molecules
- * Write the formulas of simple ionic compounds given the charges on the ions