Chapter 9 Vocabulary

Lesson 1 Organizing the Elements

Atomic mass – the average mass of all the isotopes of that element. (isotopes are different forms of the same element)

Periodic table – an arrangement of elements showing the repeating pattern of their properties.

Nucleus – the very center of an atom.

Protons – positively charged particles.

Atomic number – every atom of the same element has the same number of protons.

Neutrons – contained in the nucleus and have no charge.

Electrons – moving around the outside of the nucleus are negatively charged particles

Chemical symbol – contain either one or two letters that abbreviate the elements name in English.

Periods – rows in the periodic table

Groups – columns in the periodic table