

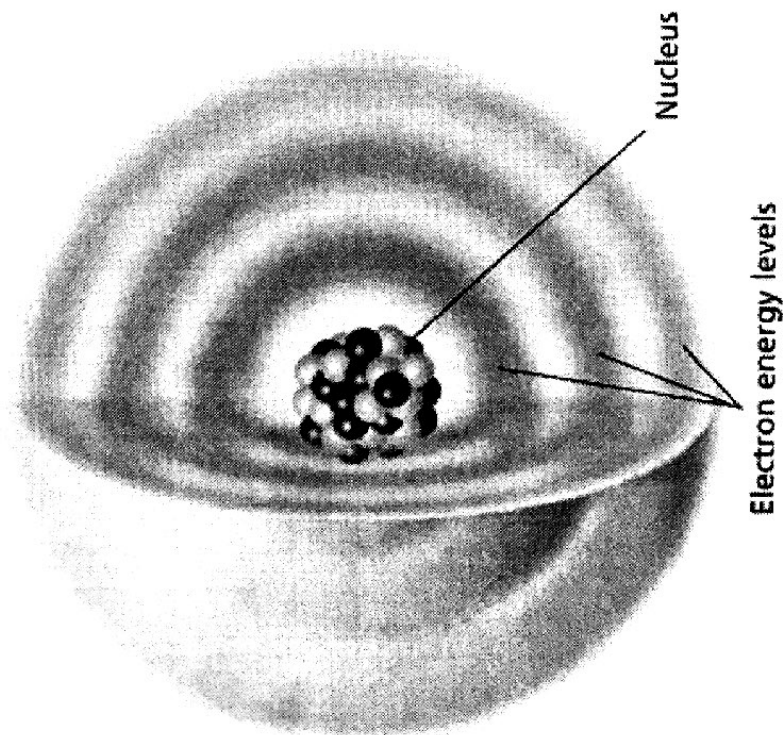
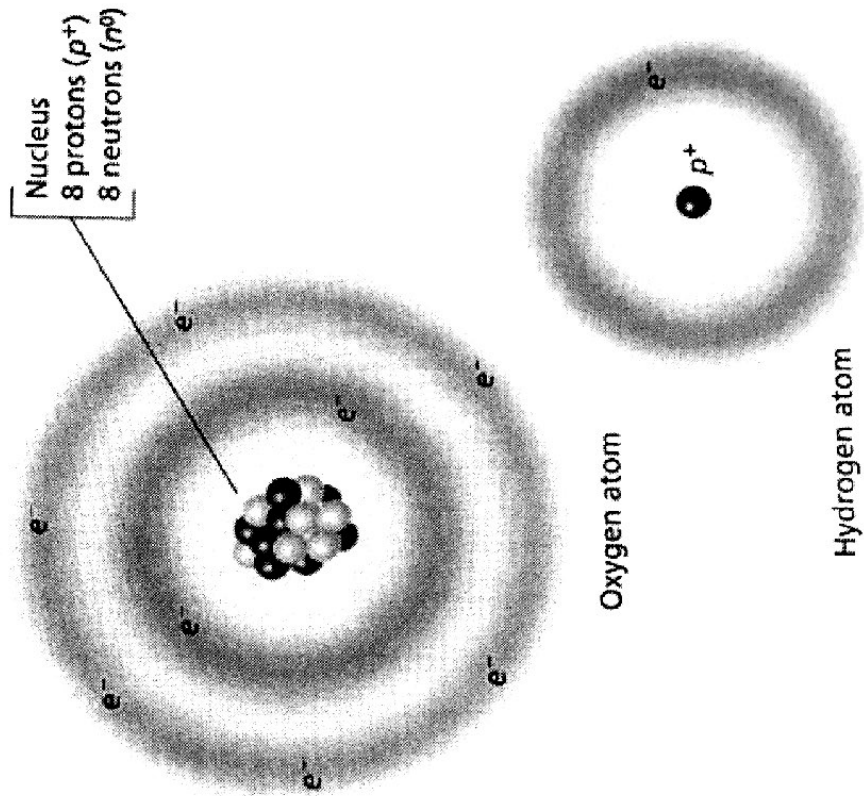
Master

4

Atomic Structure

Basic Concepts

Use with Chapter 6, Section 6.1



1. What atomic particles occupy the nucleus of an atom?

2. What is the charge on the nucleus?

3. Describe the location and movement of electrons.

4. Explain the difference among energy levels.

5. If you knew the number of protons in a given atom, how would that enable you to figure out the number of electrons in the atom?

6. How are the electrons arranged in an oxygen atom?

7. Why is hydrogen considered to have the simplest atomic structure?

8. What determines the characteristics of the atoms shown in the illustration?

