

# CHAPTER 7 THE CHEMISTRY OF LIFE

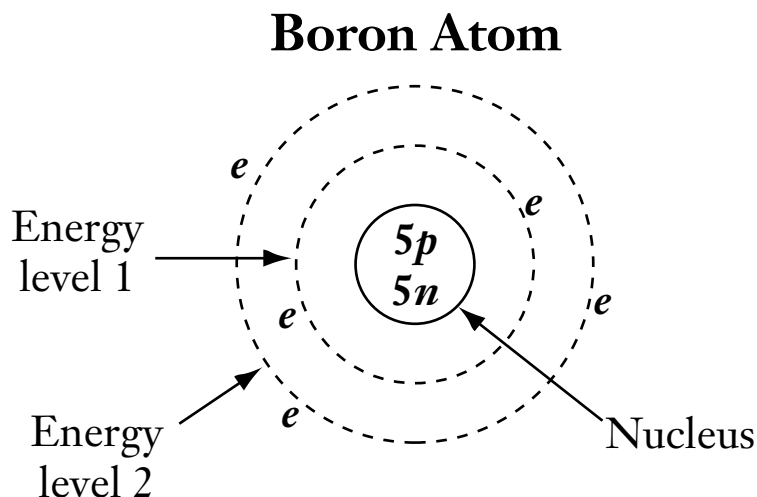
Section 7.1 Elements and Atoms

Section 7.2 Interactions of Matter

Section 7.3 Life Substances

**Study the Diagram**

Use the diagram to answer the questions.



1. An atom of boron contains \_\_\_\_\_ protons, \_\_\_\_\_ neutrons, and \_\_\_\_\_ electrons.
2. An oxygen atom contains 8 protons and 8 neutrons. It has 2 electrons in its first energy level. It has 6 electrons in its second energy level. In the space below, draw an atom of oxygen. Be sure to show the protons, neutrons, electron energy levels, and electrons.

### Oxygen Atom

