

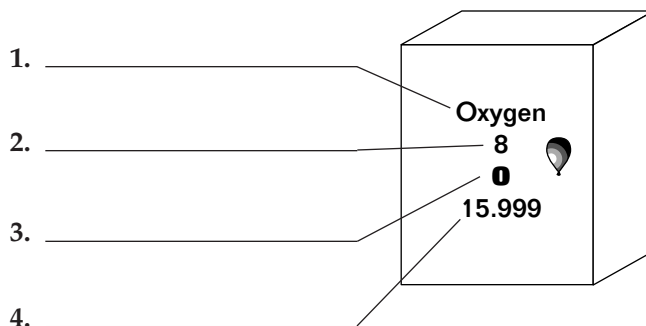
## Chapter 3

## REINFORCEMENT

Use with Section 1

# ● Introduction to the Periodic Table

Use the following terms to label the diagram of an element key below: atomic number, atomic mass, element name, element symbol.



Match the terms in Column II with the descriptions in Column I. Write the letter of the correct term in the blank at the left.

## Column I

- \_\_\_\_\_ 5. Usually gases or brittle solids at room temperature and poor conductors of heat and electricity
- \_\_\_\_\_ 6. Section on the periodic table composed of eight groups, including metals, metalloids, and nonmetals
- \_\_\_\_\_ 7. Elements that have similar physical or chemical properties
- \_\_\_\_\_ 8. Bridge between metals and nonmetals on the periodic table
- \_\_\_\_\_ 9. Row of elements in the periodic table whose properties change gradually and predictably
- \_\_\_\_\_ 10. Section on the periodic table composed of Groups 3–12
- \_\_\_\_\_ 11. The number of protons in the nucleus of an element's atoms
- \_\_\_\_\_ 12. Element that has luster, is a good conductor of heat and electricity, and is usually a solid at room temperature

## Column II

- a. metalloid
- b. group
- c. representative elements
- d. metal
- e. nonmetal
- f. transition elements
- g. atomic number
- h. period