

## Assessment

# Matter and Change

## Section Quiz: Elements

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

- \_\_\_\_\_ 1. All known elements are organized into a chart known as the  
a. element table.  
b. group table.  
c. periodic table.  
d. metal-nonmetal table.
- \_\_\_\_\_ 2. The vertical columns of the periodic table are called  
a. periods.  
b. rows.  
c. groups.  
d. chemicals.
- \_\_\_\_\_ 3. A period is  
a. a horizontal row of elements in the periodic table.  
b. a vertical column of elements in the periodic table.  
c. a region of two or more columns in the periodic table.  
d. another name for the periodic table.
- \_\_\_\_\_ 4. Which of the following is *not* a property of metals?  
a. malleability  
b. good electrical conductivity  
c. brittleness  
d. good heat conductivity
- \_\_\_\_\_ 5. Metalloids lie between metals and nonmetals on the periodic table.  
They tend to be  
a. nonconductors.  
b. conductors.  
c. semiconductors.  
d. unreactive.

**Section Quiz *continued***

- \_\_\_\_\_ 6. The “shininess” of a metal is called its  
a. luster.  
b. color.  
c. streak.  
d. malleability.
- \_\_\_\_\_ 7. The element carbon is classified as a  
a. metal.  
b. nonmetal.  
c. metalloid.  
d. noble gas.
- \_\_\_\_\_ 8. Which of the following is *not* true of nonmetals?  
a. Many are gases.  
b. Many are ductile.  
c. As solids, they tend to be brittle.  
d. Most are poor heat and electrical conductors.
- \_\_\_\_\_ 9. Which of the following elements is a metalloid?  
a. neon  
b. selenium  
c. mercury  
d. silicon
- \_\_\_\_\_ 10. Which of these describes noble gases?  
a. massless  
b. unreactive  
c. good heat conductors  
d. good electrical conductors