

Directions: Write "correct" in the blank following the statement if the statement is true. If the statement is false, cross out the italicized word(s) and write the word(s) in the blank to make the statement true. Also, preceding the statement, write in the page number(s) where this information is found in the text.

**Page**

- \_\_\_\_\_ 1. First attempts at a construction of the Periodic Table took place in the *1600's*. \_\_\_\_\_
- \_\_\_\_\_ 2. Chemical periodicity, known as *periodic law*, states that when the elements are arranged according to their atomic numbers, elements with similar properties appear at regular intervals. \_\_\_\_\_
- \_\_\_\_\_ 3. Electrons in the outer energy level of an atom are called *group* electrons. \_\_\_\_\_
- \_\_\_\_\_ 4. Horizontal rows on the periodic chart are called *groups*. \_\_\_\_\_
- \_\_\_\_\_ 5. Elements in the first two and the last six families of the periodic table make up the *main-group* elements. \_\_\_\_\_
- \_\_\_\_\_ 6. Elements in the first family of the periodic table are called the *alkaline-earth* metals. \_\_\_\_\_
- \_\_\_\_\_ 7. The *halogens* are in the last group of the periodic table. \_\_\_\_\_
- \_\_\_\_\_ 8. The transition elements are sometimes called the *p-block* elements. \_\_\_\_\_
- \_\_\_\_\_ 9. *Electron shielding* is the energy required to remove an electron from an atom. \_\_\_\_\_
- \_\_\_\_\_ 10. Atoms tend to be larger as you go *up and to the right* on the periodic table. \_\_\_\_\_

Directions: Complete the concept map found in question #71 on page 153.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_