

# SECTION 1

## Reinforcement

## Chemistry of Life

**Directions:** Answer the following questions on the lines provided.

1. What are atoms?

\_\_\_\_\_

2. Is water ( $H_2O$ ) an element or a compound? \_\_\_\_\_

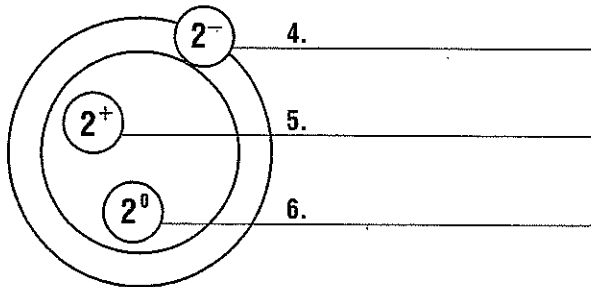
Why? \_\_\_\_\_

3. What is the difference between a compound and a mixture?

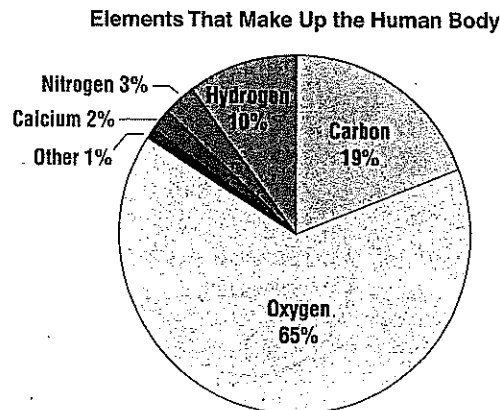
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**Directions:** Label the following diagram of an atom using the words **electron**, **proton**, **neutron**.



**Directions:** Study the following graph. Then answer the questions.



7. Oxygen and carbon together make up almost what percent of the elements in the human body? (Circle the correct answer.)

a. 50%

b. 84%

c. 30%

d. 10%

8. What two elements do organic compounds always contain?

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