

Note-taking Cell Processes

Name

Date

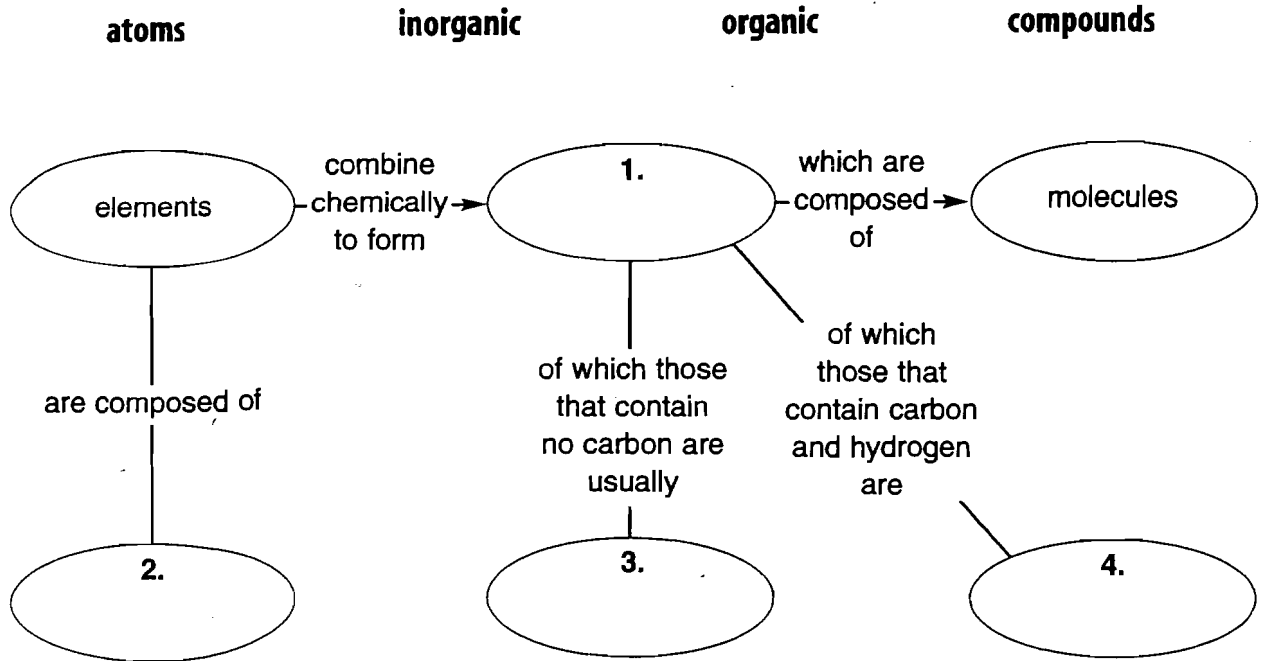
Class



Overview Cell Processes

p. 64-73
Ch 3

Directions: Complete the concept map using the terms in the list below.



Directions: Circle the term in parentheses that makes each statement correct.

5. (Matter/Energy) is anything that has mass and takes up space.
6. Carbohydrates, lipids, proteins, and nucleic acid are (inorganic/organic) compounds.
7. A cell's (nucleus/membrane) controls which molecules pass in and out of the cell.
8. Diffusion stops when molecules reach (endocytosis/equilibrium).
9. (Enzymes/Lipids) cause molecules to change, but are not themselves changed.
10. Plants use (photosynthesis/fermentation) to make food.



SECTION**1****Reinforcement****Chemistry of Life**

Directions: Answer the following questions on the lines provided.

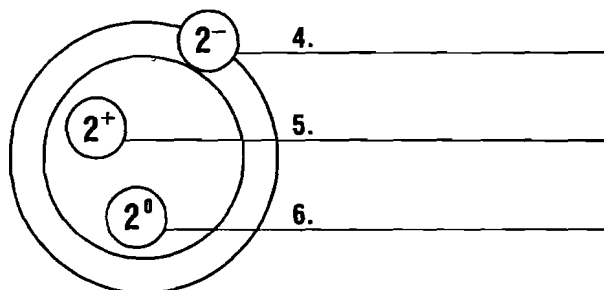
1. What are atoms?

2. Is water (H_2O) an element or a compound? _____

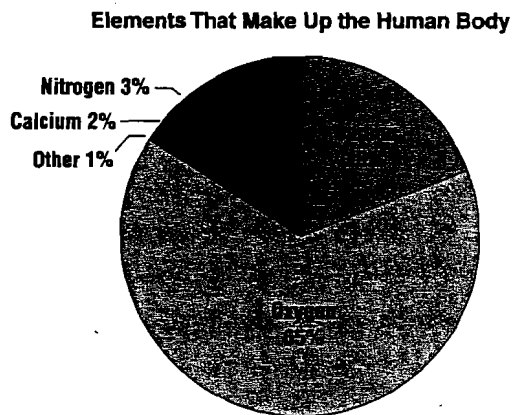
Why? _____

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

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?
