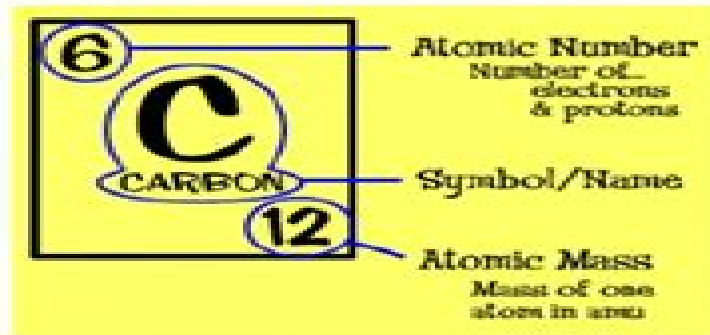


# Chemistry of Life

## Study Guide Answer Key

1. Anything that has mass and volume
2. Amount of matter an object has
3. Mass = the amount of matter something has  
Weight = gravity acting on an objects mass
4. Biology is important to chemistry because life processes consist of a series of chemical reactions. Examples: digestion and photosynthesis are both processes that involve series of chemical reactions. There are elements that make up all living things: CHON. There are also elements that are necessary to the survival and function of organisms.
5. Pure substances that cannot be broken down chemically
6. Carbon (C), Hydrogen (H), Oxygen (O) and Nitrogen (N)
7. Na originated from Latin language. When the name changed to the English Sodium, the symbol Na remained.



- 8.
9. Simplest part of an element that retains all of the properties of that element.
10. Nucleus: Made up of protons and neutrons
11. Protons have a positive charge. Neutrons have a neutral charge. The number of protons in each atom of the same element will remain the same. The number of neutrons can vary for each atom of particular element ~ Isotopes.

# Chemistry Of Life Study Guide Answer Key

**John W. Hill**



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