CHEMISTRY: Atoms, Molecules, & Compound

Matching:

Protons **Neutrons** **Element** **Periodic Table**

Electron Cloud **Compound** **Molecules**

1. _____– a pure substance consisting of only atoms that have the same number of protons
2. _____– individual atoms that are physically connected to each other
3. _____– a chart of all chemical elements
4. _____– positively charged particles in the nucleus of an atom
5. _____– when different elements are combined together chemically
6. _____– uncharged particles in the nucleus
7. _____– electrons that go around the nucleus of an atom

Multiple Choice:

1. What is the "number of protons in the nucleus" called?
   a. Ultimate Number
   b. Atomic Number
   c. Microscopic Number

2. What is the mass of an atom based on?
   a. The difference of atoms in the compound
   b. The total number of protons
   c. The sum of the mass of protons and neutrons

3. What is the smallest unit of matter called?
   a. An atom
   b. A compound
   c. An Electron

4. What orbits the nucleus of an atom?
   a. Protons
   b. Molecules
   c. Electrons

5. What is the middle of an atom called?
   a. Neuron
   b. Nucleus
   c. Proton

6. What is the defining property of an element?
   a. The number of molecules in total
   b. The number of protons in the nucleus
   c. The microscopic elements

7. What subatomic particles are located in the Nucleus of an atom?
   a. Proton and Neutron
   b. Compound molecules
   c. Elements and atoms

8. What is an atom made up of?
   a. Neurons
   b. molecules
   c. subatomic particles

LIVEWORKSHEETS