

CHEMISTRY: Atoms, Molecules, & Compound

Matching:

Protons

Neutrons

Element

Periodic Table

Electron Cloud

Compound

Molecules

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

Multiple Choice:

- What is the “number of protons in the nucleus” called?
 - Ultimate Number
 - Atomic Number
 - Microscopic Number
- What is the mass of an atom based on?
 - The difference of atoms in the compound
 - The total number of protons
 - The sum of the mass of protons and neutrons
- What is the smallest unit of matter called?
 - An atom
 - A compound
 - An Electron
- What orbits the nucleus of an atom?
 - Protons
 - Molecules
 - Electrons
- What is the middle of an atom called?
 - Neuron
 - Nucleus
 - Proton
- What is the defining property of an element?
 - The number of molecules in total
 - The number of protons in the nucleus
 - The microscopic elements
- What subatomic particles are located in the Nucleus of an atom?
 - Proton and Neutron
 - Compound molecules
 - Elements and atoms
- What is an atom made up of?
 - Neurons
 - molecules
 - subatomic particles