

Chemistry of Life

Exit Quiz – Teacher Edition

Multiple Choice – Select the best answer.

- Which of the following is the best description of a covalent bond?
 - Two atoms sharing electrons so they can complete their outer (valence) shells.
 - The constant movement of electrons and the creation of charge imbalances which bonds two molecules together.
 - A proton is attracted to the electronegativity of another atom.
 - An atom loses one or more electrons to another atom.
- Why do atoms form ions?
 - To become negatively charged
 - To bond with other elements
 - To become positively charged
 - To complete their outer electron shells
- Which of the following is a pure substance that can't be broken down any further?
 - Compound
 - Element
 - Proton
 - Molecule
- The two regions found in the atom are called the _____.
 - Protons and neutrons
 - Electrons and nucleus
 - Nucleus and the electron shells
 - The electron shells and neutrons
- Which from the following bonds has the weakest bond strength?
 - Ionic bonds
 - Covalent bonds
 - Hydrogen bonds
 - They are all the same.

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