

## Chapter 6: Chemistry in Biology Vocabulary

Due 10/23/09

**Atom:** Building block of matter; contains subatomic particles- neutrons, protons, and electrons

**Compound:** Pure substance with unique properties; formed when two or more different elements combine.

**Covalent Bond:** Type of chemical bond formed when atoms share electrons.

**Electron:** Negatively charged particle that occupies space around an atom's nucleus.

**Element:** Pure substance composed of only one type of atom; cannot be broken down into another substance by physical or chemical means.

**Ion:** Atom that is negatively or positively charged because it has lost or gained one or more electrons.

**Ionic Bond:** Electrical attraction between two oppositely charged atoms or groups of atoms.