

**Dalton's law of partial pressures** for a mixture of gases in a container, the total pressure exerted is the sum of the pressures that each gas would exert if it were alone

**Denaturation** the breaking down of the three-dimensional structure of a protein, resulting in the loss of its function

**Density** a property of matter representing the mass per unit volume

**Diatomic molecule** a molecule composed of two atoms

**Dilution** the process of adding solvent to lower the concentration of solute in solution

**Dipole – dipole attraction** the attractive force resulting when polar molecules line up such that the positive and negative ends are close to each other

**Dipole moment** a property of a molecule whereby the charge distribution can be represented by a center of positive charge and a center of negative charge

**Disaccharide** a sugar formed from two monosaccharides joined by a glycoside linkage

**Distillation** a method for separating the components of a liquid mixture that depends on differences in the ease of vaporization of the components

**Double bond** a bond in which two atoms share two pairs of electrons

**Dry cell battery** a common battery used in calculators, watches, radios, and tape players