

IMFs, Solutions & Henry's law

July 8th recap

• determine if a solute is miscible in a solvent & why

- ways to express concentration
 - molality (m)
 - Molarity (M)
 - sol. by mass sol. (m/m)
 - mole fraction, X

• solubility of gases in solvent

- $\uparrow$ temp, $\downarrow$ solubility

- Henry's law

$\uparrow P, \uparrow S$

$$S_g = k_H P_g$$