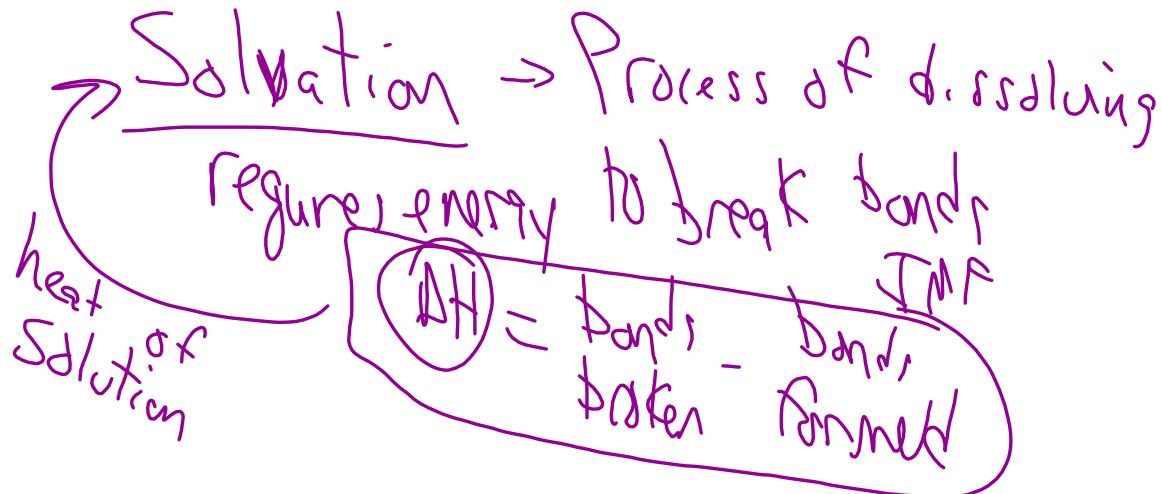


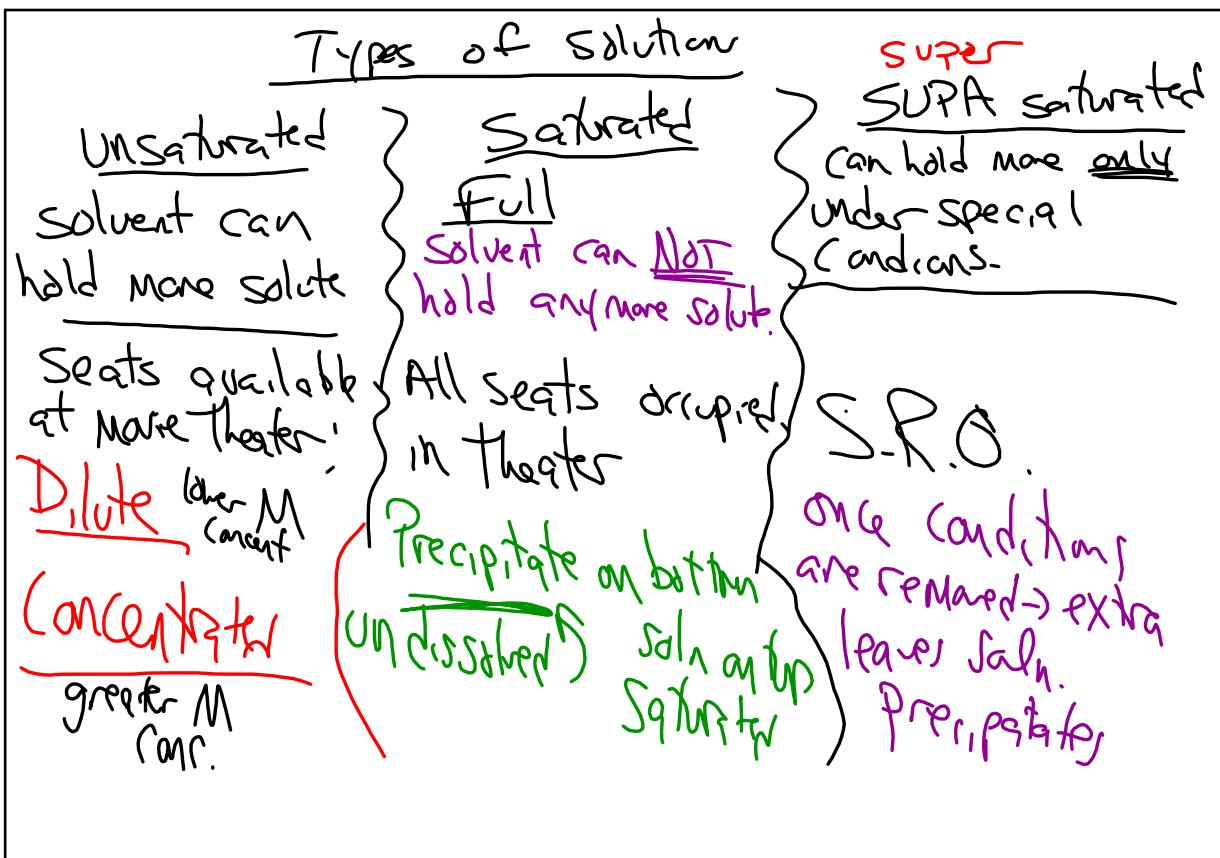
Chap 13 - Solutions!

Solute → gets dissolved

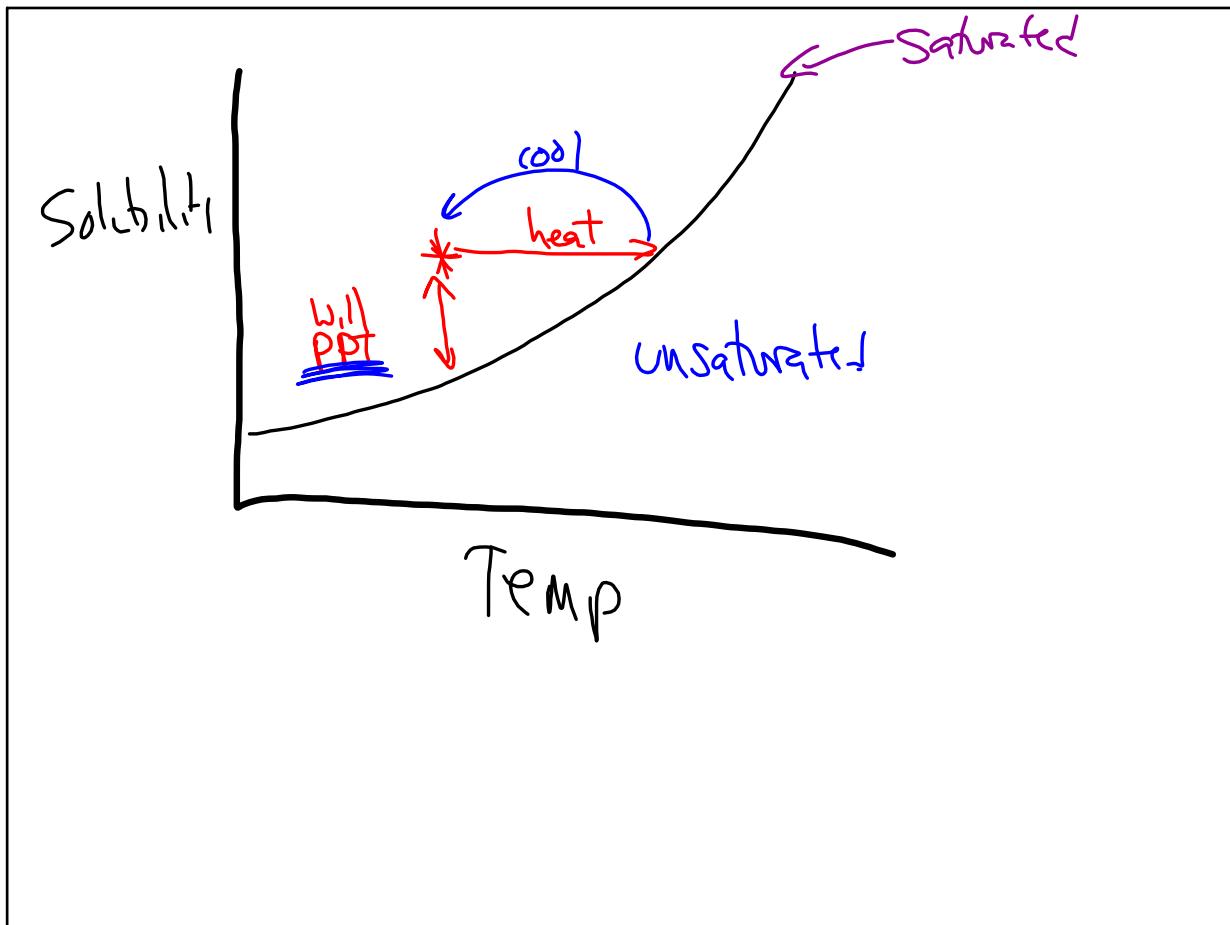
Solvent → does the dissolving (If 2 liquids
more solvent)



Jan 3-7:53 AM



Jan 3-8:19 AM



Jan 3-8:35 AM

M = Molarity
 Measure of concentration
 of a solution.

$$\frac{M}{l} = \frac{\text{Moles of Solute}}{l \text{ of Solution}}$$

(both Solute + Solvent)

Jan 3-8:40 AM

$$m = \text{m ola}\underline{\text{lity}}$$

$m = \frac{\text{Moles of solute.}}{\text{Kg of Solvent}}$

$\frac{D}{V} = \frac{M}{V}$

only!

Jan 3-8:42 AM

$$\% \text{ composition} \times 10^2 = \text{pp h}$$

$\frac{\text{PART}}{\text{Whole}} \times 100$ parts per hundred

$$\text{PPM} \quad \frac{\text{Part}}{\text{Whole}} \times 10^6$$

$$1,000,000$$

$$\text{ppb} \quad \frac{\text{Part}}{\text{Whole}} \times 10^9$$

Jan 3-8:43 AM

13/24, 28, 32
↑
Net sol. comp

Jan 3-8:46 AM