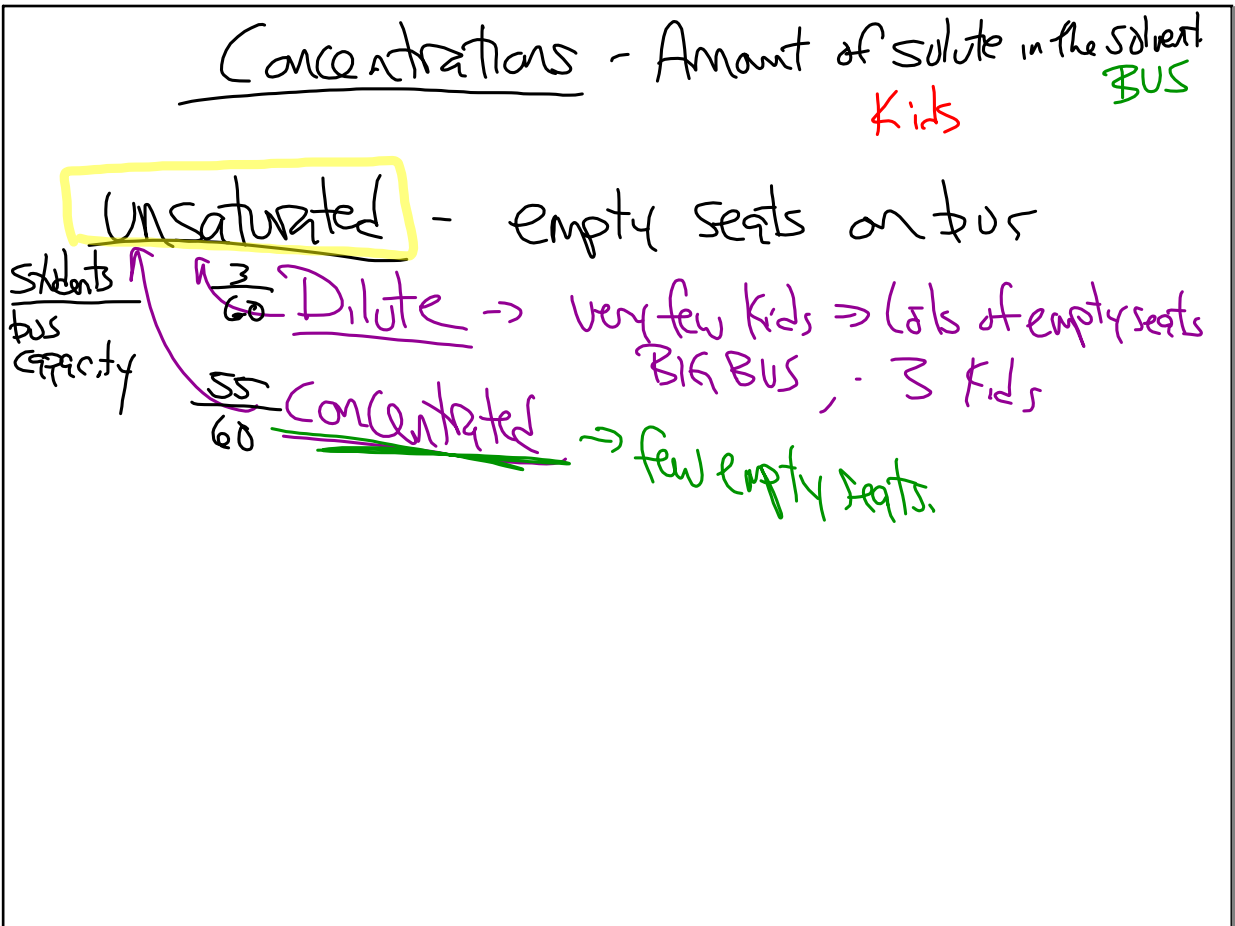


Jan 4-7:46 AM



Jan 4-7:58 AM

Saturated ⁶⁰/₆₀ → No empty seats
 All seats on bus are filled with kids.
 ↳ The solvent can not hold/dissolve any more solute.

SUPER Saturated ⇒ Solvent can hold
 "More solute than normal % of special conditions"
 T - (g)
 P - (g)

Jan 4-8:04 AM

Factors Affecting Solubility P / NP

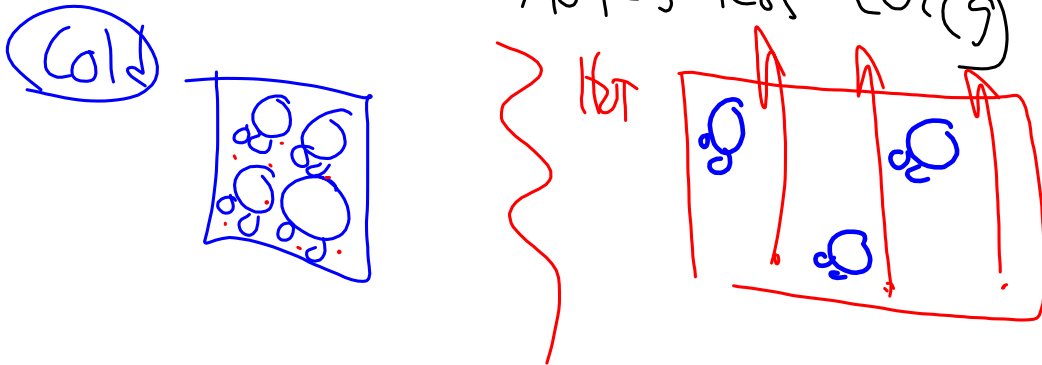
Miscible vs immiscible
 "Dissolves" vs "does not dissolve"

① POLARITY ! → Bond types.
^{Solvent} Polar ↔ ^{Solute} Polar Ionic
 NP (→) NP

Jan 4-8:14 AM

② Temp of (g)
Press of (g)

Cold Soda → holds more CO_2 (g)
HOT Soda → holds less CO_2 (g)



Jan 4-8:16 AM

③ Concentration already dissolved

Dilute → Concentrated
easy/quick → Slow

More the gas → Slower
Solvent dissolves in solute

Jan 4-8:19 AM

Measure Concentration

Big M = molarity $\frac{\text{moles of solute}}{\text{l of solution}}$

little m molarity $\frac{\text{Moles of solute}}{\text{Kg of solvent}}$

Jan 4-8:21 AM

13 / 28, 32, 42

Jan 4-8:26 AM