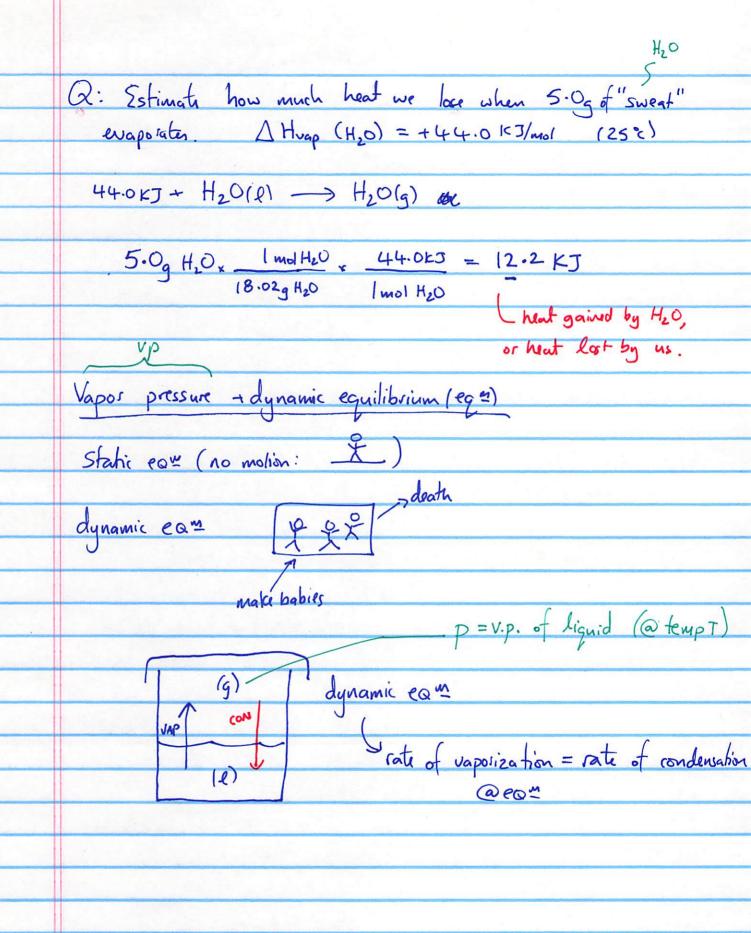
11.5 Vaporization + Vapor Pressure (up) = molecules in lig v const motion! - @ surface, can break free form Japo! . Lbreak IMFs! - ENDOTHERMIC! Cliq has to absorb heat energy to break IMF. # 1/23/20m -feels rold. rate of vaporization & T

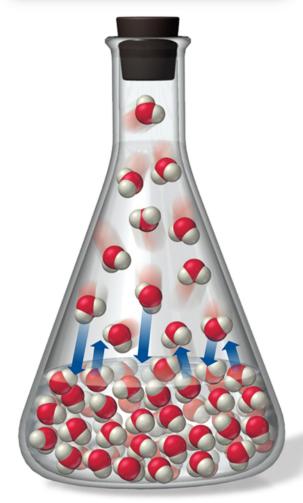
& Susface area

& I

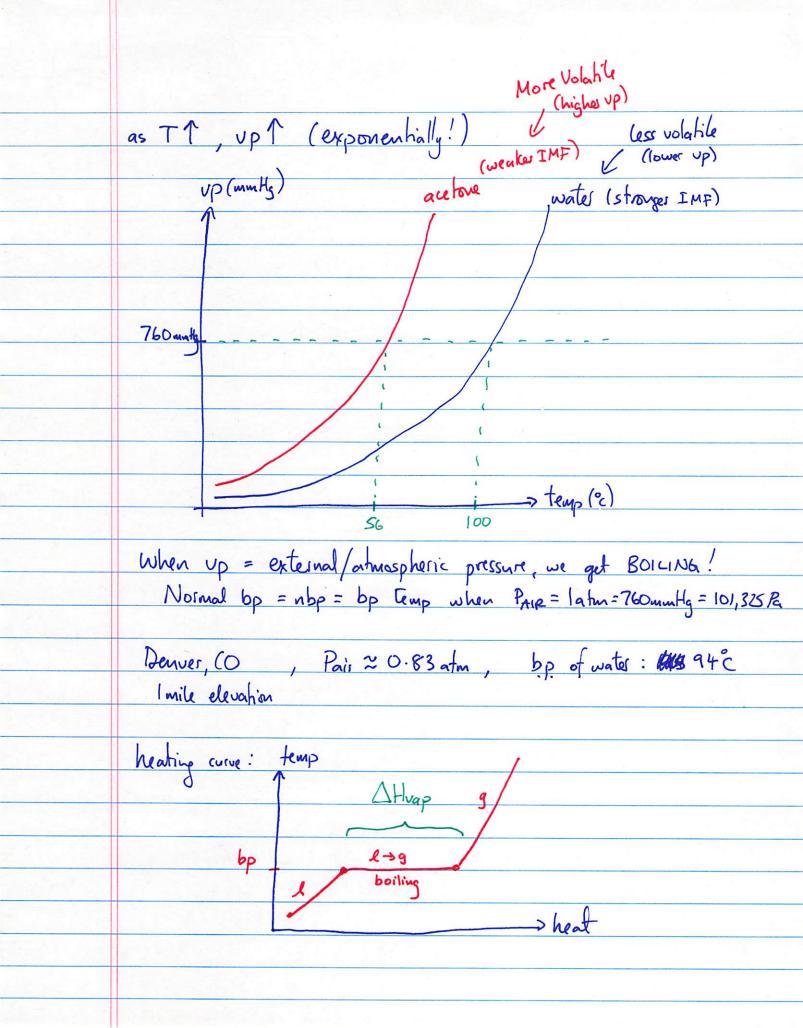
IMF strength. Can measure OH for I mol lig -> gas: AHvap @25°C H20(1) -> H20(g) ; AHvop = +44.0 165/mol acetone -> C3H6O(R) -> C3H6O(G) : AHuap = +31.01CJ/mol "lighterfluid" C5H12(2) -> C5H12(g); AHusp = +26.4 KJ/mol

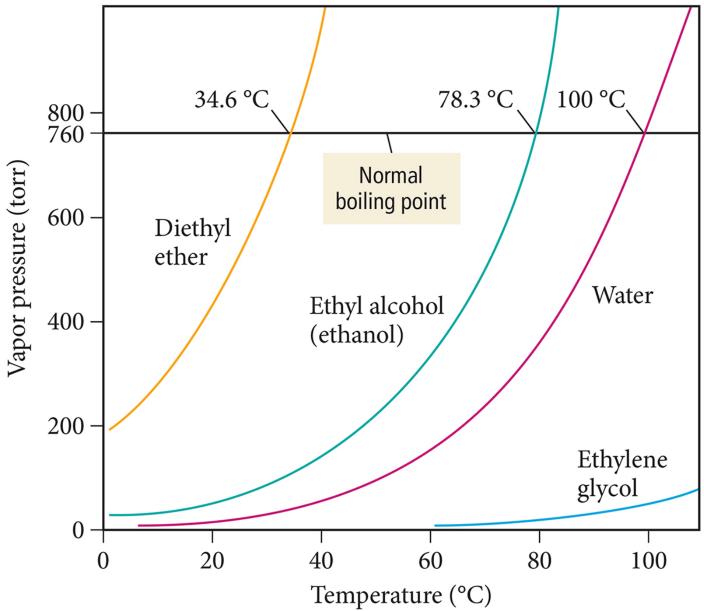


Dynamic equilibrium: Rate of evaporation = rate of condensation



(c)





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