

Participation Assignment

CHEM 1100-General Chemistry II

Name:

#4

Section: 31, MWF

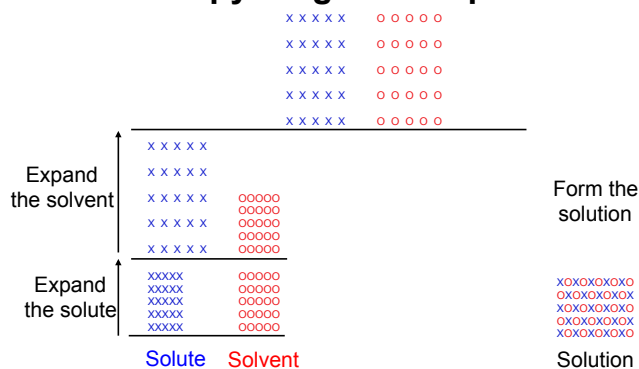
Due Date: Monday 7/17/2017

Enthalpy- Energy change at constant pressure (typically atmospheric pressure).

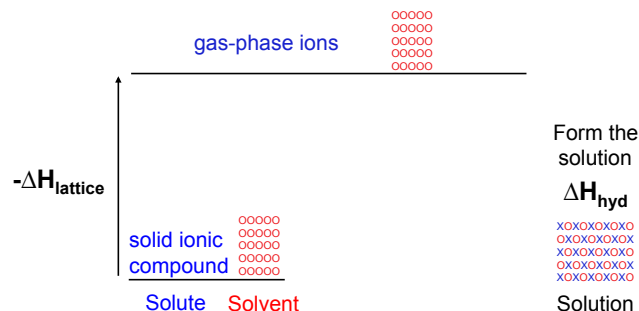
Lattice Energy- Amount of energy released when gas-phase ions form a solid ionic compound (this is the thermodynamic definition).

Hydration Energy- Amount of energy released upon solvation of gas-phased ions in water.

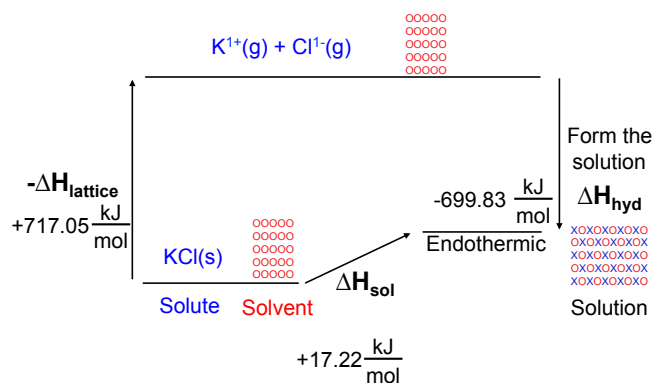
Solution Formation Enthalpy Diagrams-Liquids



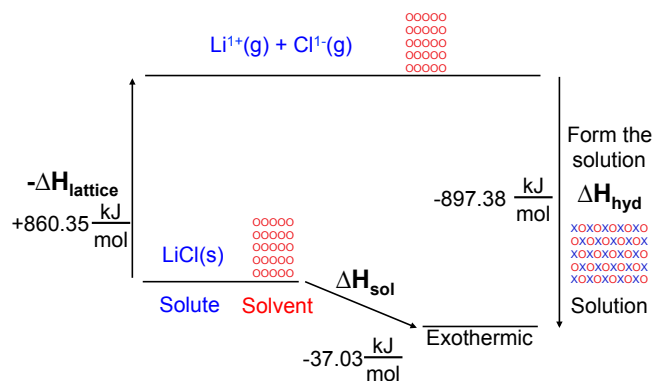
Solution Formation Enthalpy Diagrams-Solids



Solution Formation Example-KCl(s) in Water



Solution Formation Example-LiCl(s) in Water



Solution Formation Enthalpy Diagrams-Gases

