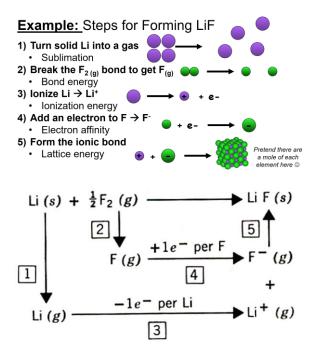
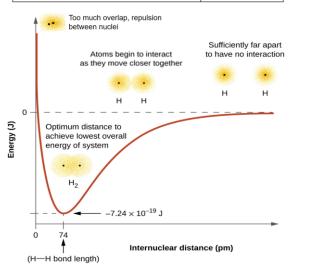
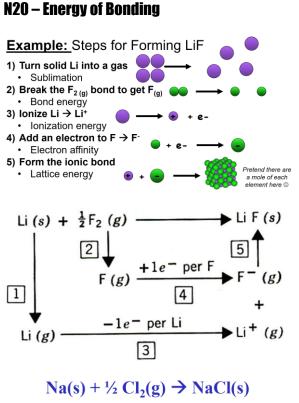
N20 – Energy of Bonding



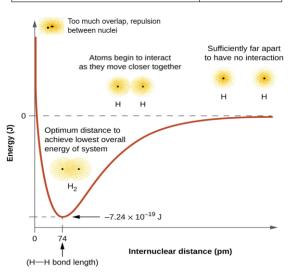
$Na(s) + \frac{1}{2} Cl_2(g) \rightarrow NaCl(s)$

Lattice Energy	-786 kJ/mol
Ionization Energy for Na	495 kJ/mol
Electron Affinity for Cl	-349 kJ/mol
Bond energy of Cl ₂	239 kJ/mol
Enthalpy of sublimation for Na	109 kJ/mol

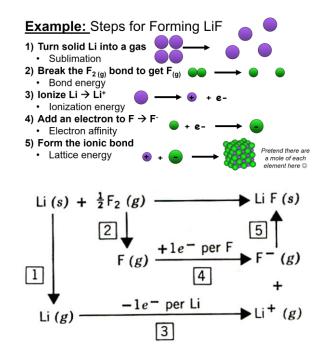




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