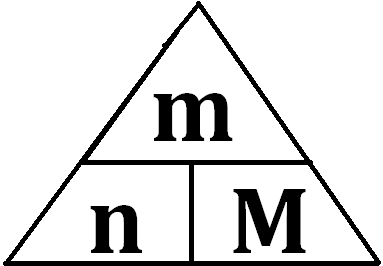
Chemistry 2202 – Formulas and Constants

Constants:

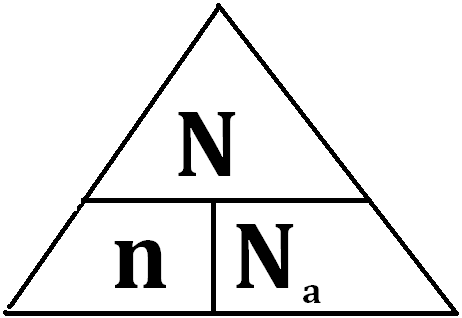
Avogadaro’s # = 6.02 x 1023

Molar Volume @ STP = 22.4 L/mol

Molar Volume @ SATP = 24.8 L/mol

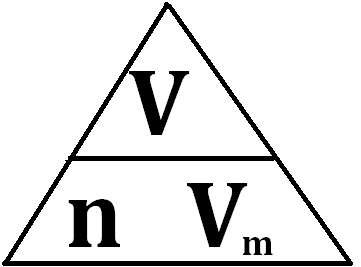


m= mass , M = Molar Mass, n = moles



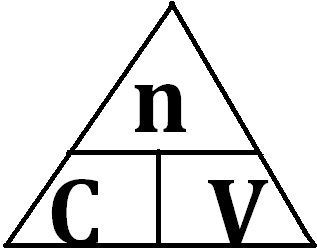
N = Number of Particles, n = moles

Na = Avogadaro’s Number



V = Volume, Vm = Molar Volume,

n = moles



V = Volume , C = Concentration,

n = moles