

Definitions: Material being dissolved _____

Material doing the dissolving _____

Molarity Molarity (M) = -----

Dilution:

Normality: N = ----- or N = _____

Breaking Molecules Apart in Water: 3 things at front of formula = _____

Ex: CH₄ --H₂O→ _____

Mg(NO₃)₂ --H₂O→ _____

CaCl₂ --H₂O→ _____

NH₄NO₂ --H₂O→ _____

Normality of

1.5 M C₆H₁₂O₆ = _____ = _____ N

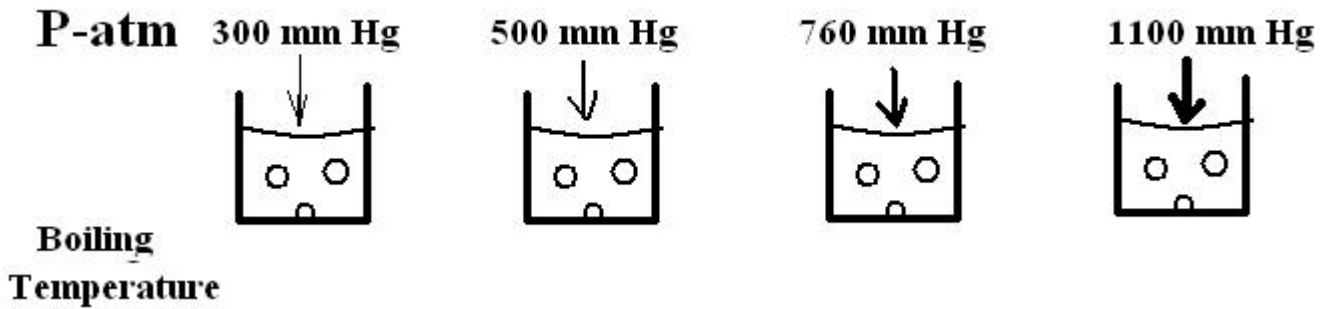
3.0 M Mg(NO₃)₂ = _____ = _____ N

0.60 M CaCl₂ = _____ = _____ N

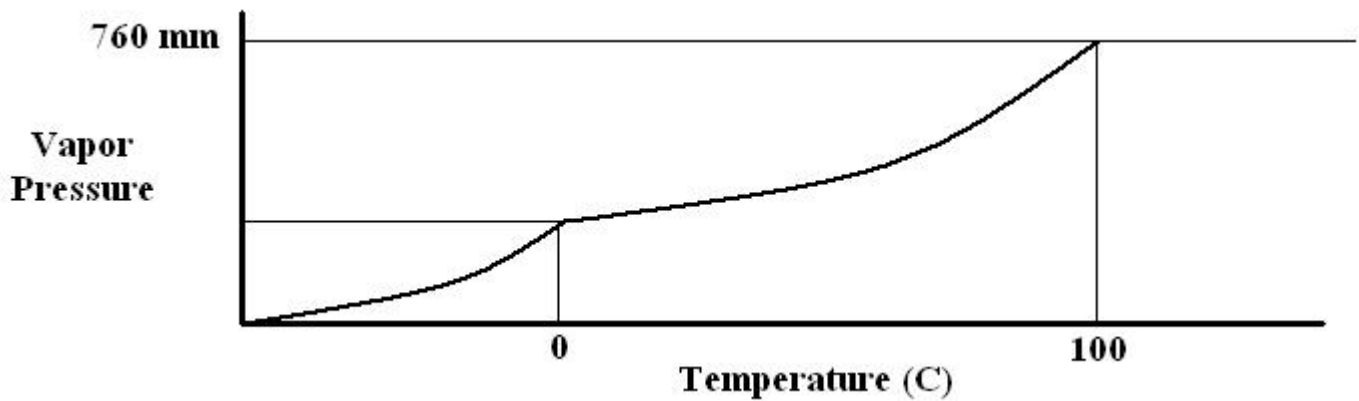
Colligative Properties

*****Lowering Vapor Pressure!!!!!!!!!!!!!!

Boiling



Dissolved Particles



***** 1 mole/L of particles (1 N):

Raises BP _____

Lowers FP _____

Ex: What are the boiling and freezing points of a 3.0 M CaCl_2 solution? (101.5 C, -5.7 C)

