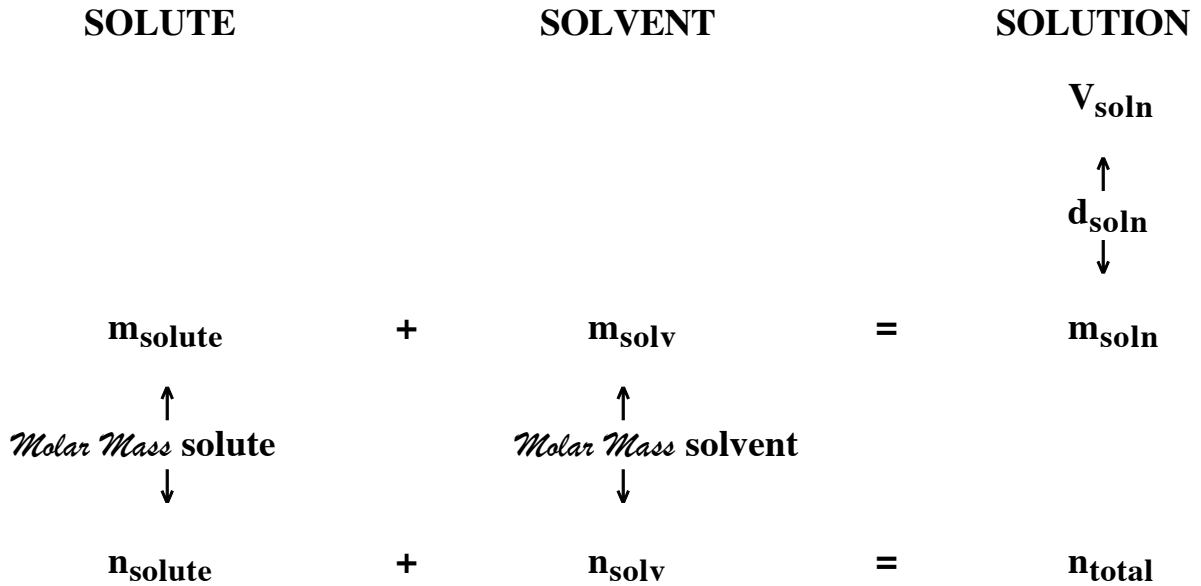


CONCENTRATION CALCULATIONS FLOW CHART



DEFINITIONS

Molarity (M)	=	$\frac{\text{moles solute}}{\text{Liter soln}}$
Weight % (wt%)	=	$\frac{\text{mass solute}}{\text{mass soln}} \times 100$
Molality (<i>m</i>)	=	$\frac{\text{moles solute}}{\text{kg solvent}}$
Mole fraction (X_{solute})	=	$\frac{\text{moles solute}}{\text{total moles}}$
Mole fraction (X_{solvent})	=	$\frac{\text{moles solvent}}{\text{total moles}}$