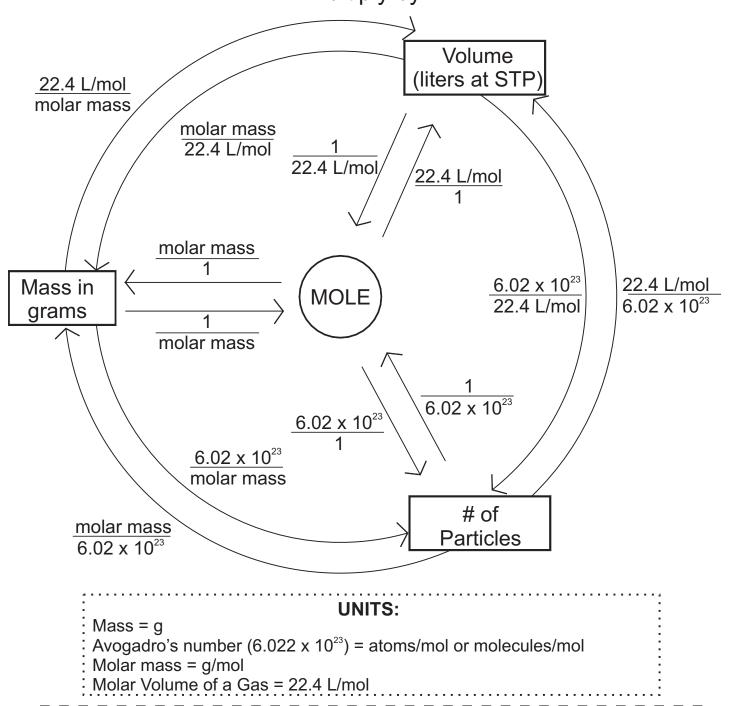
Mole Conversions

Multiply by...



IOr in other words...

If you know grams, find # of moles by: $\frac{\text{mass (g)}}{\text{molar mass (g/mol)}} = \# \text{ moles}$ If you know moles, find mass in grams by: (# moles) (molar mass g/mol) = mass (g)If you know # of moles, find # atoms or molecules by: $(\# \text{ moles}) \text{ (6.02 x } 10^{23} \text{ atoms/mol)} = \# \text{ atoms}$ If you know # atoms or molecules, find # moles by: # atoms $6.02 \times 10^{23} \text{ atoms/mol} = \# \text{ moles}$