

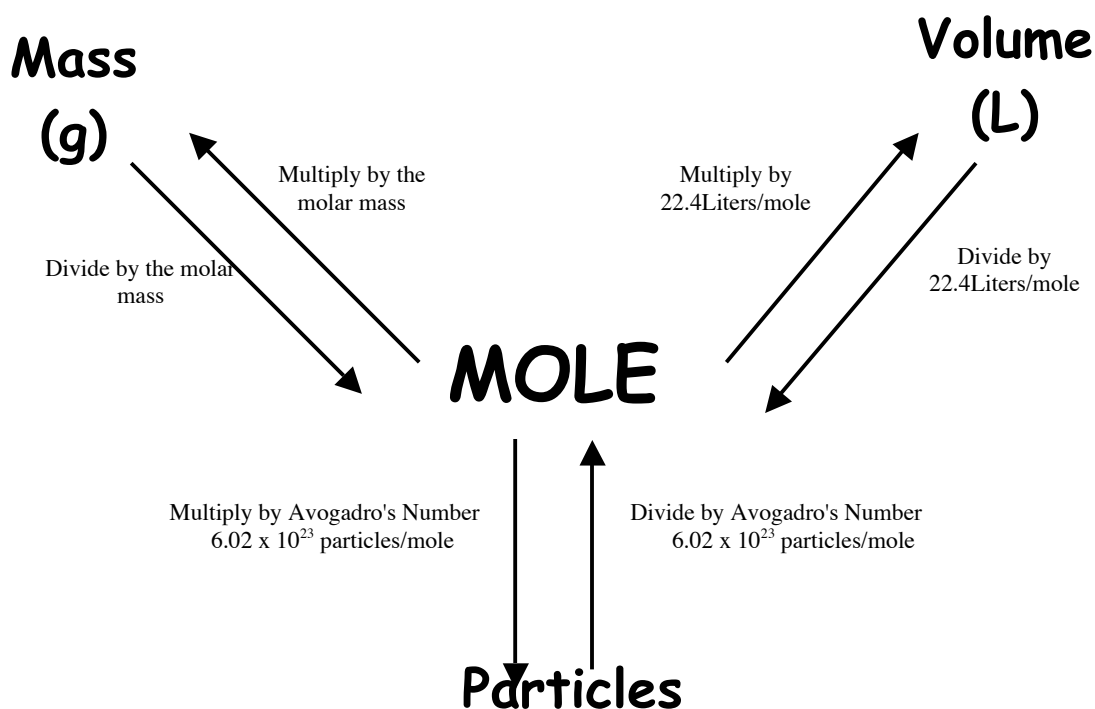
Percent Yield describes how close actual yield is to the theoretical yield.

$$\% \text{ Yield} = \frac{\text{Actual}}{\text{Theoretical}} \times 100\%$$

Theoretical yield is calculated from stoichiometric information (What you would get under ideal conditions)

Actual yield is the amount of product actually obtained (What you really got in the lab)

Mole Conversions Diagram



Multiply going away from mole and divide going toward mole.

Use a balanced equation to convert between moles of one substance and moles of another. Multiply by the coefficient of the Unknown and Divide by the coefficient of the Known. Or use a balanced equation mole ratio.

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