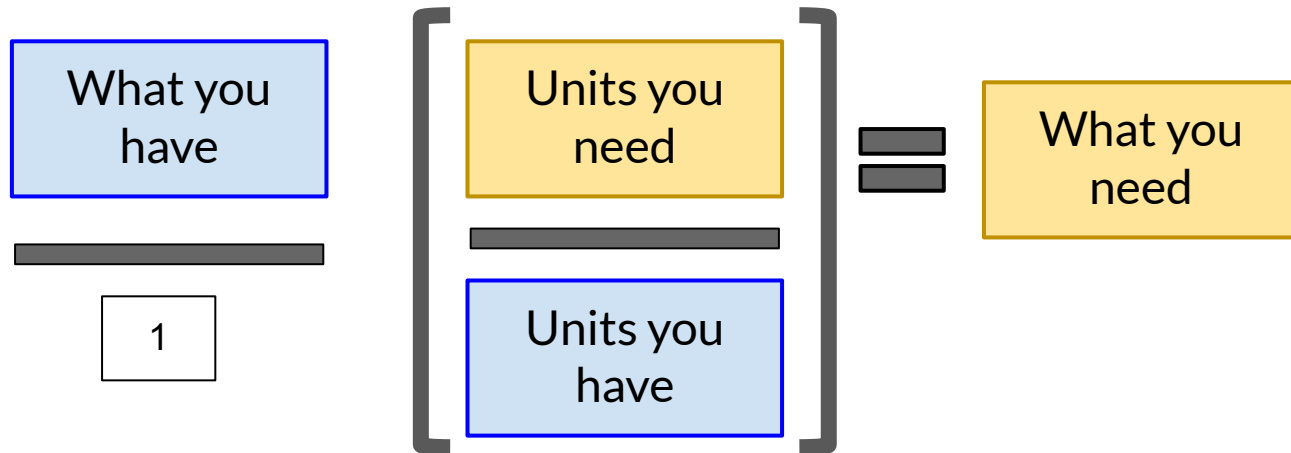


Helpful Visuals for all your Stoichiometry Needs

Setting Up Conversions



Using Avogadro's Number

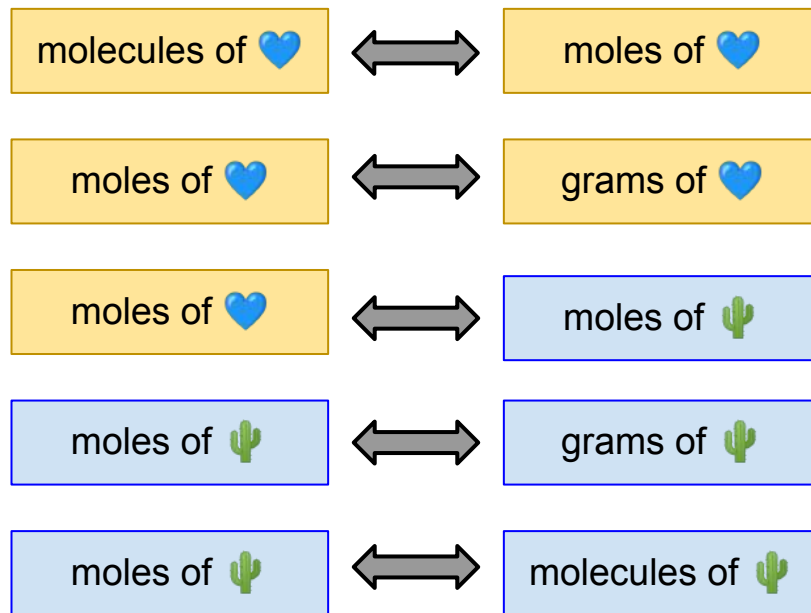
6.02×10^{23} atoms (or molecules) of something = 1 mole of something

1 mole of something = Gram formula mass (molar mass) of something

Note:

The GFM of lithium is written as 6.941 g/mol meaning that 1 mole of Li has a mass of 6.941 g

Can you do the conversion you want to?

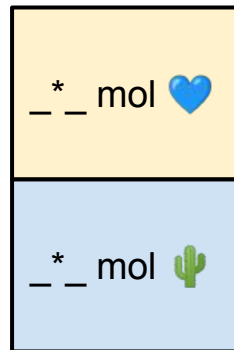


Conversion dominoes when using...

The same compound



Different compounds



* These numbers are the coefficients from the balanced reaction.

You can NOT convert directly from grams of 1 compound to grams of another compound! This is not a useable domino.

