A = what you have/know
B = what you want

Mole Ratio
\[
\frac{\text{Coefficient of B}}{\text{Coefficient of A}}
\]

Molar Mass
\[
\text{X grams} \quad \text{1 mole}
\]

Density
X grams
1 L

Avogadro’s #
\[
\frac{6.02 \times 10^{23} \text{ particles}}{1 \text{ mole}}
\]

X atoms
1 molecule

X atoms
1 molecule

X atoms
1 molecule