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**Molar Mass**

$$\frac{X \text{ grams}}{1 \text{ mole}}$$

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$$\frac{6.02 \times 10^{23} \text{ particles}}{1 \text{ mole}}$$

**Avogadro's #**

**Density**

$$\frac{X \text{ grams}}{1 \text{ L}}$$

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

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