X grams  
1 mole

**Molar Mass**

**Mole Ratio**

Coefficient of B  
Coefficient of A

X atoms  
1 molecule

**Density**

X grams  
1 L

**Mole Ratio**

Coefficient of B  
Coefficient of A

6.02 x 1023 particles  
1 mole

**Avogadro’s   
#**

6.02 x 1023 particles  
1 mole

**Avogadro’s   
#**

X grams  
1 mole

**Molar Mass**

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

X atoms  
1 molecule

X atoms  
1 molecule

**Density**

X grams  
1 L

X grams  
1 mole

**Molar Mass**

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1 mole

**Avogadro’s   
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