**Unit 5**

**Calculating Molar Mass**

* Definition: A molar mass
* Units:
* What is a mole?
* Why would it be helpful for us to know the molar mass of a compound?

How to Calculate Molar Mass

1. Count the number of atoms of each type of element in the compound.
2. Find the average atomic mass for each element from the periodic table. (Whole Numbers)
3. Multiply the number atoms of each element by the average atomic mass from the periodic table for that element.
4. Add up the numbers from step three for each element to get the total

Examples:

* Ca2P3
* Mg(ClO3)2
* H2SO4
* C6H12O6
* (NH4)3PO4