

F4C3(more important in calculation/balance equation)

Definition

-A chemical formula is a representation of a chemical substance using letter for atoms and subscript number to show the numbers of each type of atom that are present in the substance./
The chemical formula which show the actual numbers of atoms of each element in a compound.

-The empirical formula of a compound gives the simplest whole number ratio of atoms of each element in the compound./Empirical formula is the molecular formula which shows the simplest ratio of atoms of each element in compound.

-The molecular formula of a compound gives us the actual number of atoms of each element that are present in a molecule of the compound.

-1mol is defined as the amount of substance which contain as many particles as the number of atoms

- 6.02×10^{23} =Avogadro number/Avogadro constant

Cations(+ charge)

Anions(- charge)