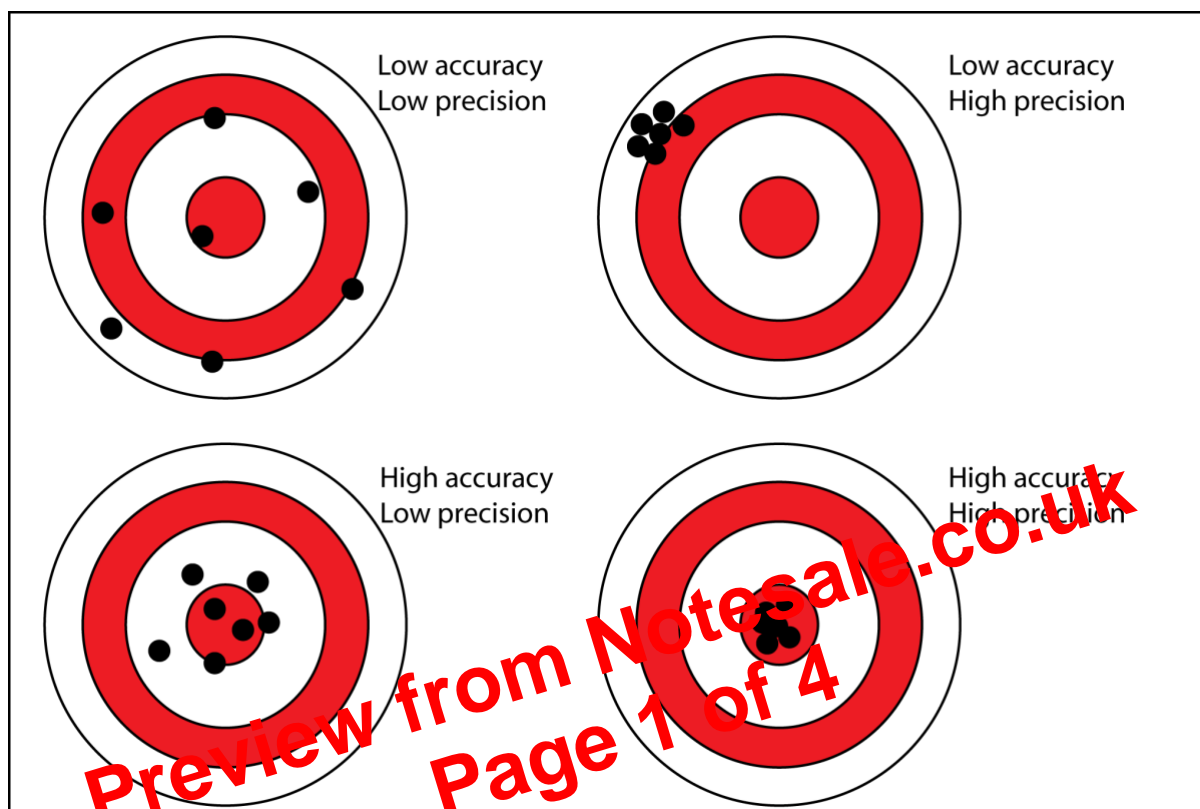


CHEMISTRY HCS112

Elements : they can not split to anything simpler and they can be in any stage.

Compounds: 2 or more different elements in a fixed ratio with physical and chemical difference

Mixtures: 2 or more elements or compounds are mixed physically with any ratio. Compounds can be separated by a physical process.



Name, Charge, Mass

Proton +1 1

Neutron 0 1

Electron -1 5.4×10^{-4}

$\overset{M}{A}E$

M = Atomic Mass
(Neutrons + Protons)

A = Atomic Number
(Protons)

E = Element