

# Representing Isotopes

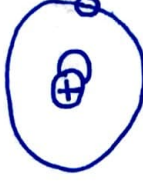
Hydrogen

protium



Element

Deuterium



Subscript:

: Amount of Protons

Tritium



Superscript:

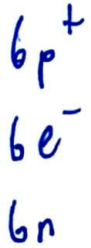
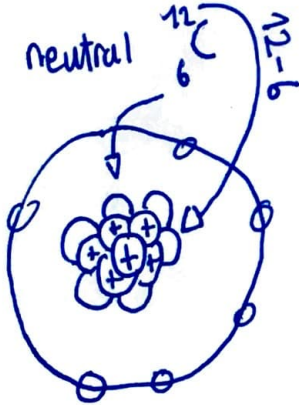
: Amount of Protons + Neutrons

→ Difference is amount of neutrons.

Mass Number

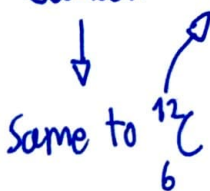
= Combined Protons + Neutrons

Ex: Draw neutral

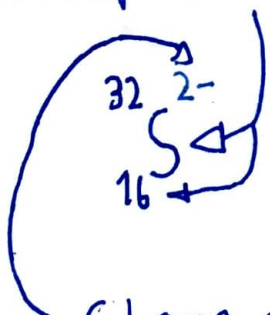


Another method is:

Hyphen Notation = Carbon - 12



Ex: What isotope is 16 protons, 16 electrons and 16 neutrons



Charge of an isotope