

Parts of Atoms

Number of
protons in
an atom

=

Number of
electrons in
an atom

Atomic
number

=

Number of
protons

Mass
number

=

Number of protons
+
Number of neutrons

Relationship 1: Mass number = Number of protons + Number of neutrons

Relationship 2: Number of neutrons = Mass number - Number of protons

Relationship 3: Number of protons = Mass number - Number of neutrons