

Inside the Atom

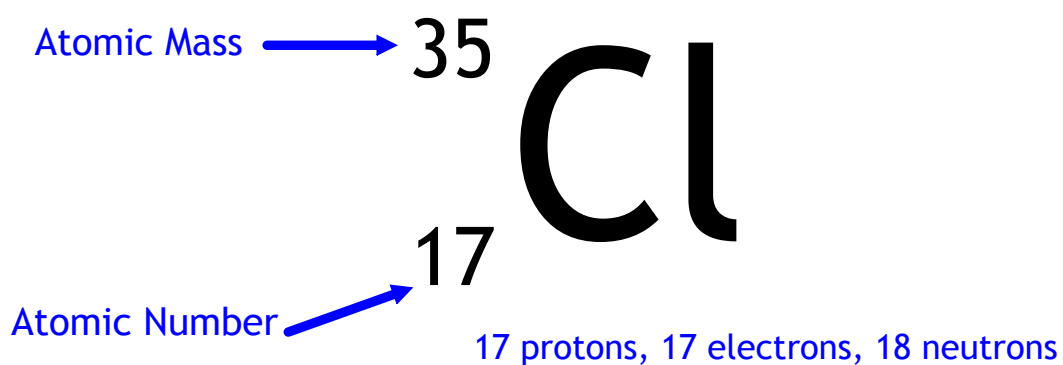
- atoms consist of sub-atomic particles
 - protons-positively charged
 - electrons-negatively charged
 - neutrons-neutral
- the number of protons is significant since it is this that determines what the element actually is

atomic number = number of protons

number of protons = number of electrons

number of neutrons = mass number - number of protons

Standard Atomic Notation



-Can also be written as Cl-35