

LOS: Atomic Number, Atomic Mass, Proton, Neutron, Electron

Atomic Structure and the P.T.E.

Pg.
109

Focus ?

Today's Date

How does the structure of an atom help you make sense of the Periodic Table of the Elements (P.T.E.) ?

Evidence: Atom Basics and P.T.E. Practice

Atomic Number

Number of Protons (+) in the Nucleus of an atom (or number of electrons (-)).

- Gives the element it's unique identity!

Atomic Mass

Amount of Protons plus Neutrons in the Nucleus of an atom. Total mass of atom!

HOW to READ an ELEMENT BLOCK
(RULES to follow)

Pick an Element

1. The atomic number explains the amount of Protons.
There are an equal amount of electrons as protons.

2. To find Neutron amount:
Subtract the Atomic Number
from the Atomic Mass

$p_+ =$

$N =$

$e^- =$