Calculating P+ N E-

Tuesday, February 14, 2017

Atom: neutral = no charge

Ion:-have a charge
-when an atom gains/loses an e-,
they become electrically charged
-# of P+ in the nucleus does not
change

Ex. #1 Aluminum 10N

atomic mass = total #

of Pt and

yound off this No

to the nearest

Whole # to get

mass # ~ 2

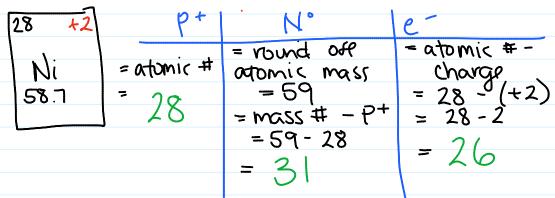
#N°
$$\Rightarrow$$
 mass # - Pt
= 27 - 13
= [4]

e- \Rightarrow atomic # - charge = 13 - (+3) = (3-3)

Ex #2 Lithium 10N

3 +	P+	No	e
Li	= atomic#	= vound off atomic mass	= atomic # - charge
6.9	- 3	= 7 = mass # - 8+	= 3 - (+1)
		= 7-3	= 3-1
			= 1
		- 4	7
		\	

Ex#3 Nickel +2 ION



Ex. #4 Sodium Atom

P N°
$$e^ = \text{atomic} = \text{nound off atomic} = \text{atomic} #$$

Na $= \text{mass} = 23$ and $# \text{ of } p +$
 $= 23 - 11$
 $= 12$