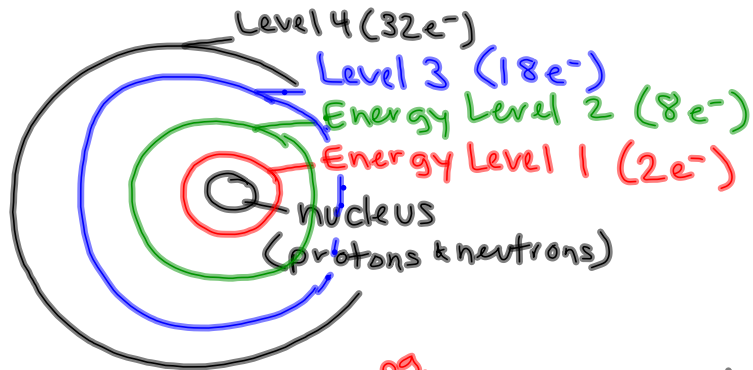


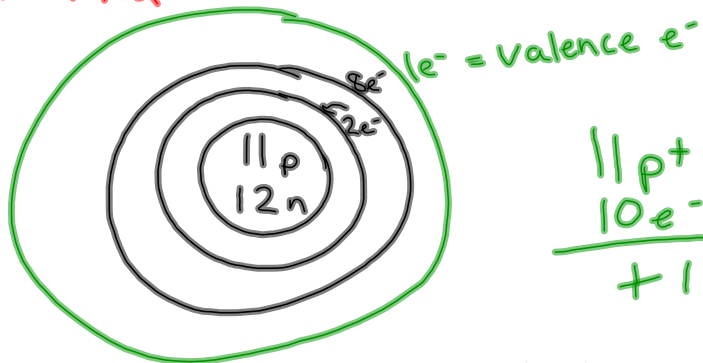
Electrons and Energy Levels



Valence Electrons (²³110): # of (e^-) in outermost level.

Oct 26-8:12 AM

ex Sodium Na

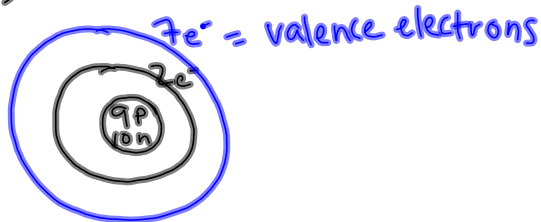


$$\begin{array}{r} 11p^+ \\ 10e^- \\ \hline +1 \end{array}$$

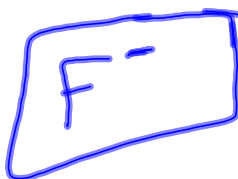
- Na easily loses an e^- to become "full" in outer level.
 - Na atom becomes positively charged +1
- Na^+

Oct 26-9:48 AM

ex Fluorine (F)



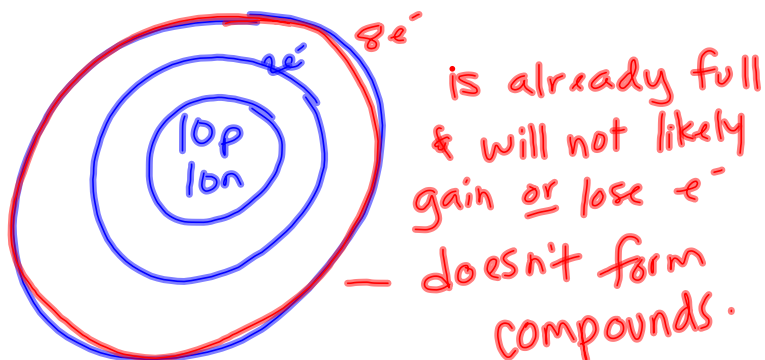
- easier for F atom to gain 1 e⁻ vs. lose 7e⁻ to become "full" in outer level.
- the F atom becomes neg. by 1



Oct 26-8:29 AM

Ion: (pg. 115) an atom or group of atoms that has lost or gained one or more electron(s), and became CHARGED

Ne



Oct 26-8:34 AM