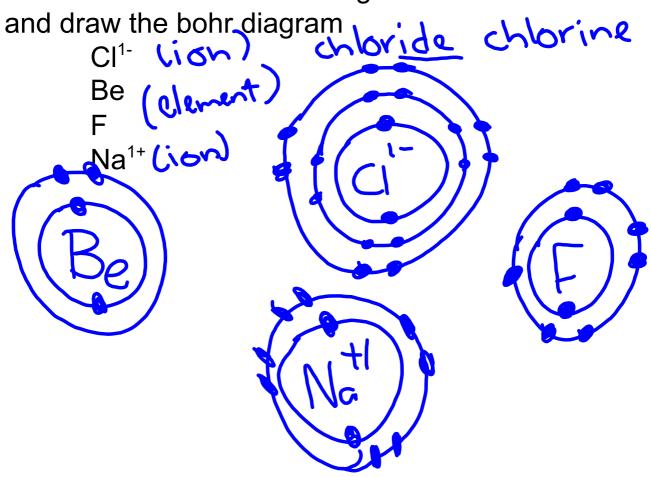
# April 16, 2019

Answers pg 187 #5,6 Ionic Compounds

## Quiz Thursday !!

# Warm-Up

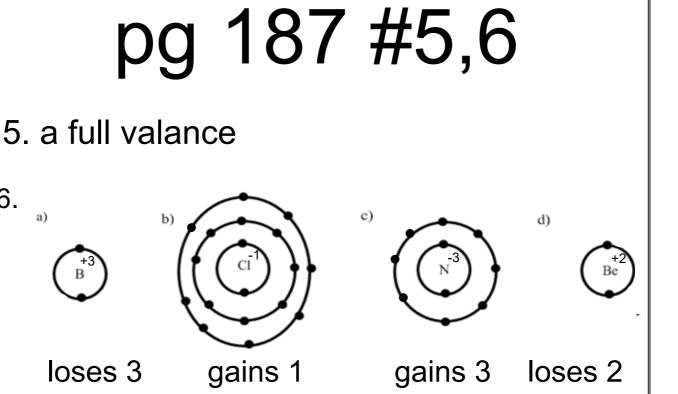
1. Label each of the following as an element or ion



6.

helium

helium



neon

argon

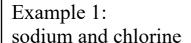
### **Compounds**

<u>Compounds</u> are made by elements transferring or sharing electrons.

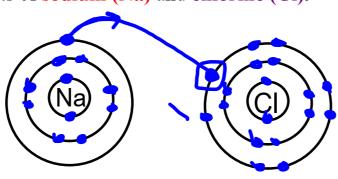
- the further an e- is away from the nucleus, the greater the possibility of it making a compound with another element
- the **outermost electrons (valance e**-) are involved in making compounds

#### Ionic compounds

- created from ions
- composed of a metal (positive ion (cation) and a nonmetal (negative ion (anion))
- electrons are transferred from the metal to the nonmetal
- once the transfer has taken place, the compound is neutral and has an overall charge of 0.
- also remember that when non-metals form ions their name changes to an -ide ending. i.e. chlorine = chloride, oxygen = oxide, nitrogen = nitride etc



Salt consists of sodium (Na) and chlorine (Cl).



Charges on ions: Na Cl NaCl Formula for compound: Nane of compound: None Name of compound: Sodium chloride

