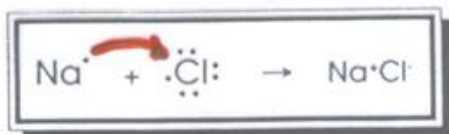


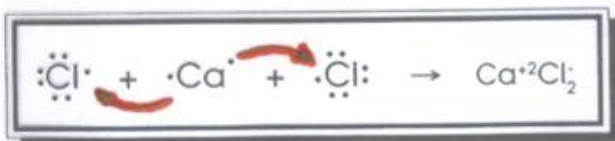
# IONIC BONDING

Name \_\_\_\_\_

Ionic bonding occurs when a metal transfers one or more electrons to a nonmetal in an effort to attain a stable octet of electrons. For example, the transfer of an electron from sodium to chlorine can be depicted by a Lewis dot diagram.



Calcium would need two chlorine atoms to get rid of its two valence electrons.



Show the transfer of electrons in the following combinations.

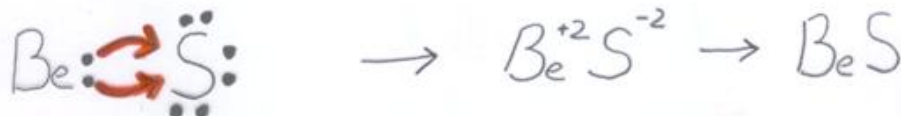
1. K + F



2. Mg + I



3. Be + S



4. Na + O



5. Al + Br

