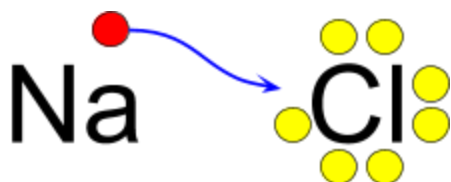


IONIC BONDING

An ionic bond is an attraction between +ve and -ve ions. Ions are formed when electrons are moved from a metal to nonmetal.

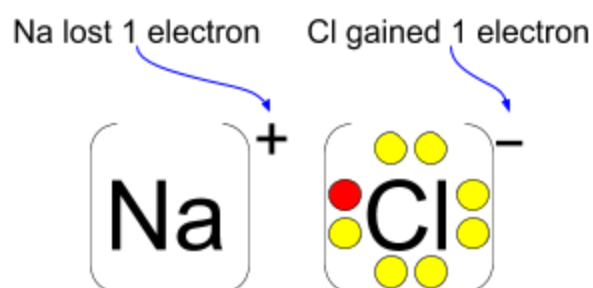
A metal atom loses its valence electron(s) and becomes a positive ion (cation). A nonmetal atom gains electron(s) to have a full octet (8 electrons in its valence shell).

ELECTRON TRANSFER:



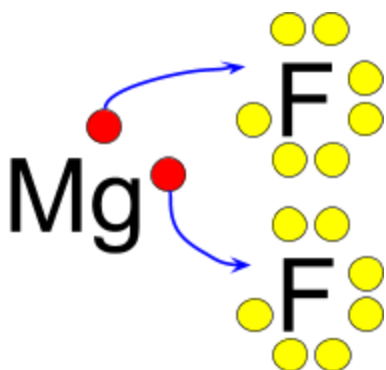
FORMULA: NaCl

IONIC BONDING:



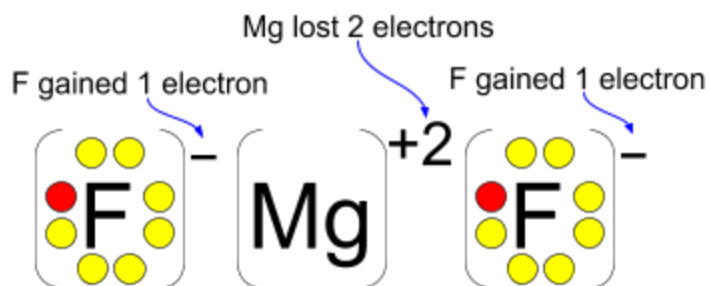
NAME: SODIUM CHLORIDE

ELECTRON TRANSFER:



FORMULA: MgF₂

IONIC BONDING:



NAME: MAGNESIUM FLUORIDE