

Naming Binary Ionic Compds

Metal
ALWAYS
First!!!



Nonmetal
written
2nd

Sodium chloride

Metal = 1st
name

NM = last name

↓
NM change name to
ALL have
-ide ending

Nonmetal

Chlorine (Cl)

Fluorine (F)

Iodine (I)

Bromine

Nitrogen

Phosphorus

Oxygen

Sulfur

Selenium

-ide endingChloride (Cl⁻)Fluoride (F⁻)Iodide (I⁻)

Bromide

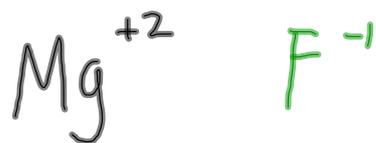
Nitride

Phosphide

Oxide

Sulfide

Selenide



magnesium fluoride



aluminum phosphide

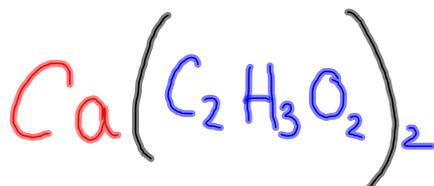
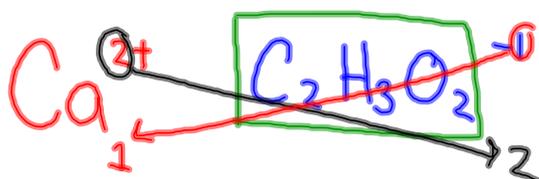
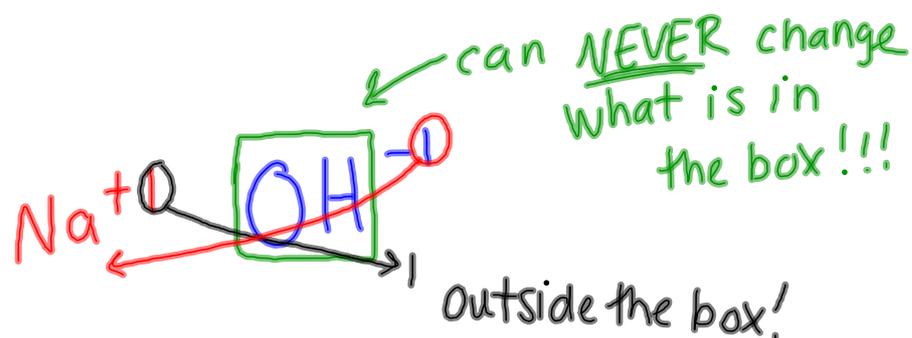
potassium sulfide

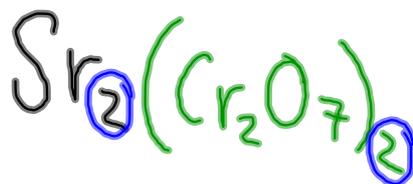
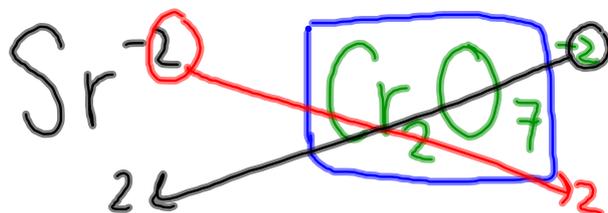
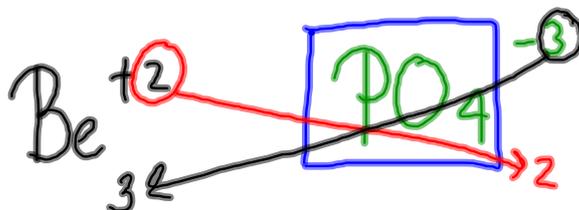


beryllium nitride



Formula Writing Polyatomic Ions





NO parenthesis needed here!