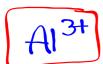
Type I Binary Ionic Compounds

 $SrCl_2$



strontium chloride

aluminum sulfide

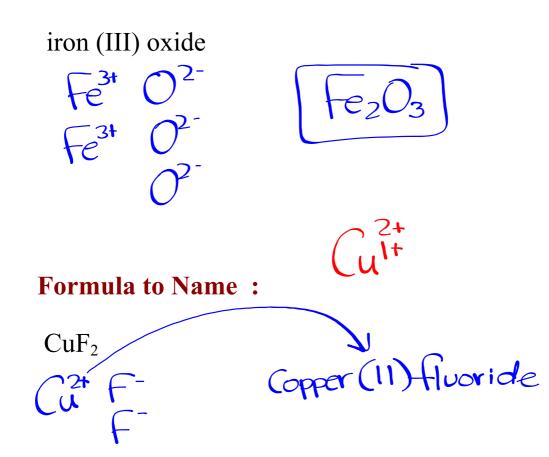


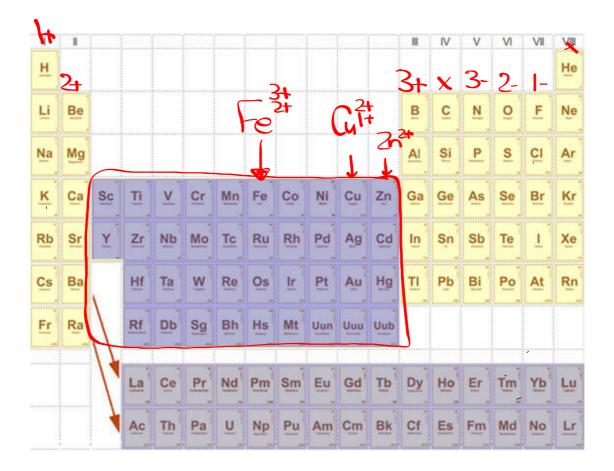


Type II Binary Ionic Compounds

<u>Multivalent ion</u> - some atoms (transition elements) can form more than one ion, each with its own particular charge. Ex. Fe^{2+} and Fe^{3+}

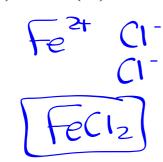
Ex. Name to Formula:



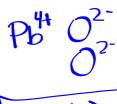


Write the chemical formula or name for the following ionic compounds:

a) iron (II) chloride



c) PbO₂

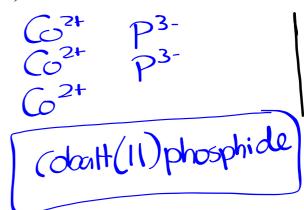


[lead(N)oxide]

b) tin (II) oxide



d) Co₃P₂



In-Class Assignment

Binary Ionic Compounds Type II

Worksheet