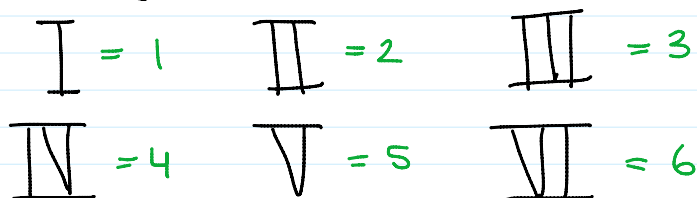


Multivalent Compounds

Friday, February 24, 2017
12:01 PM

- more than 1 charge
- referred to as transition metals
- these occur after atomic #20

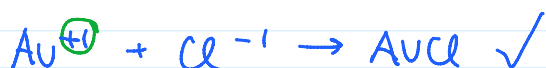
When naming these compounds, you must use **Roman Numerals** to indicate which ion charge has been used.



Naming

1. Write metal first, non-metal 2nd and change its ending to "ide"
2. Work backward from the non-metal ion charge to determine the metal ion charge and write the **roman numeral** in brackets after the metal.

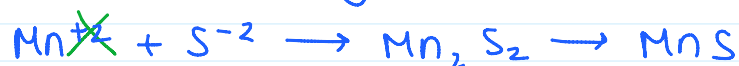
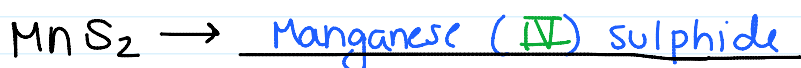
Ex. #1



Ex. #2



Ex. #3

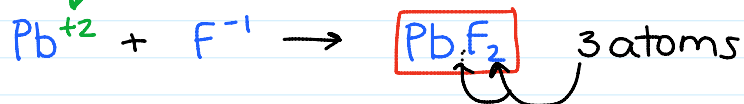


Formulas:

Steps are the same as monovalent
the **roman numeral** tells you which
ion charge was used!

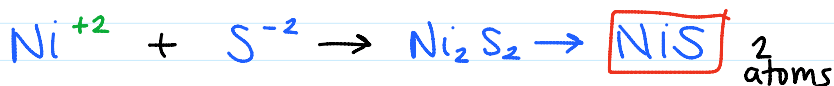
Ex. #4

Lead (II) fluoride



Ex. #5

Nickel (II) sulphide



Ex. #6

Tin (IV) oxide

