

Ch 9

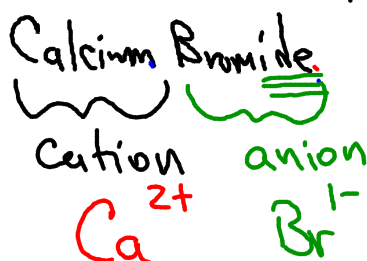
Sec 9.2

HW: Sec Asses 14-18 Rev Con 47,51,66,67

obj: Apply the rules of naming &amp; writing formulas for ionic compounds.

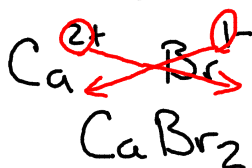
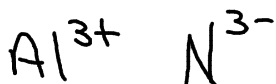
Writing Formulas

- 1) Write the symbol + charge for both the cation and anion in the compound.
- Cation is always written first.
  - Anion is always written last.

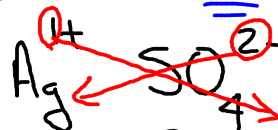


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- 2) Use the criss-cross method for the proper subscripts.

Aluminum Nitride

Binary Compound

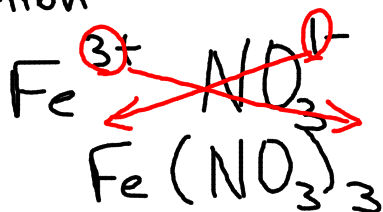
Silver Sulfate

Ternary Compound.

10/22/02 9:03 AM

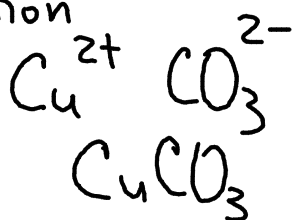
Iron III Nitrate

Cation

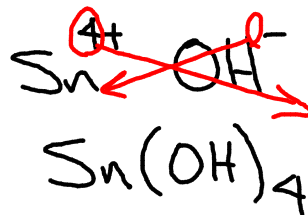


Cupric Carbonate

Cation



Tin IV Hydroxide



10/22/02 9:09 AM

Naming

1) Name the Cation

- Use roman numerals when needed.

2) Name the Anion.

KBr

Potassium Bromide

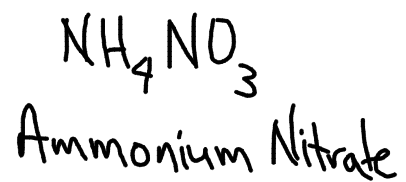
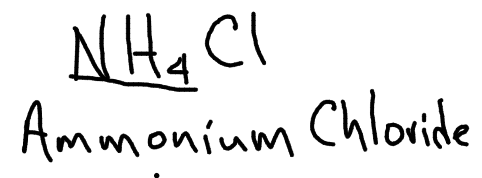
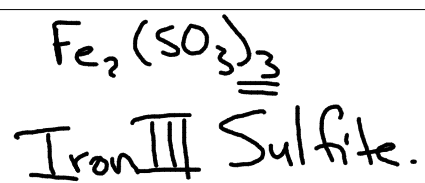
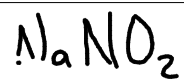
SrSe

Strontium Selenide.

$\text{PbCl}_4$   
 Lead IV Chloride

$\text{CuO}$   
 Copper II Oxide.  
 Cupric Oxide

10/22/02 9:18 AM



10/22/02 9:21 AM