
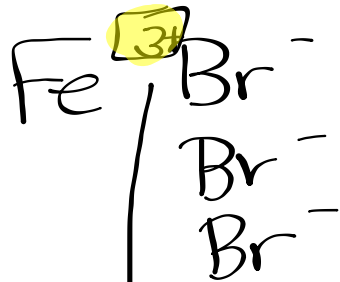
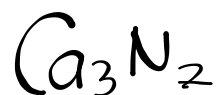
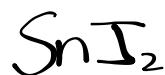
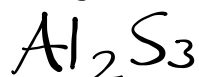
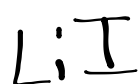
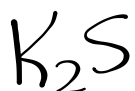
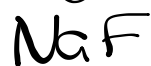


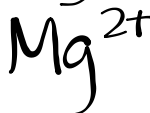
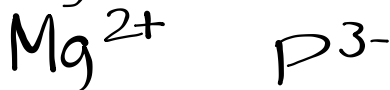
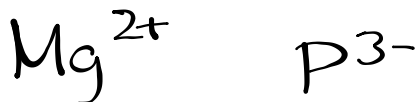
Homework - Binary Ionic Compounds Sheet

Copper(I) chloride





iron (III) bromide



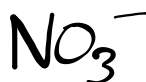
magnesium phosphide

Polyatomic Compounds

many atoms

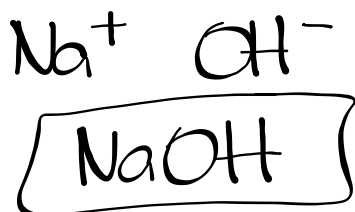
Polyatomic Compounds

- polyatomic ions are groups of atoms that have a single charge
Ex. NO_3^- (nitrate ion)
- Table 2, pg. 196
- they are to be balanced just like any other ion
- the name does not change to -ide

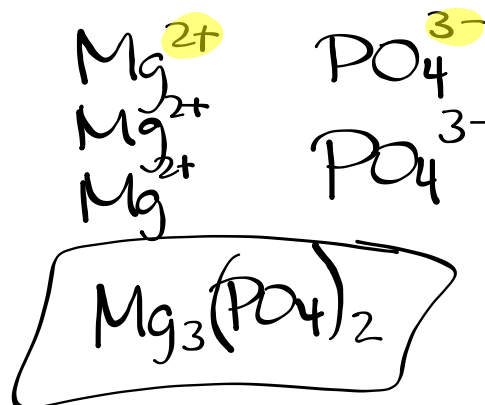


Writing Formulas for Polyatomic Compounds

Ex. sodium hydroxide

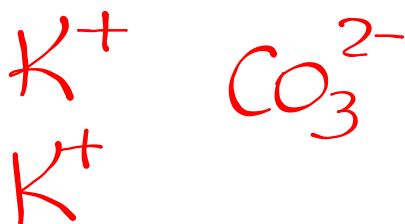


Ex. magnesium phosphate

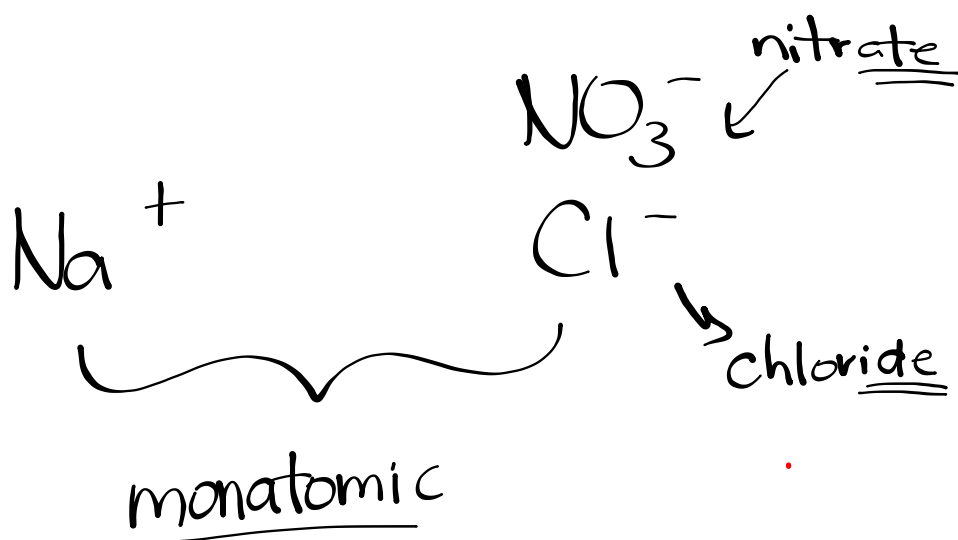


Naming Polyatomic Ions

Ex. K_2CO_3



potassium carbonate



Write the chemical formula of the following ionic compounds:

1. (a) calcium sulfate

(b) sodium phosphate

Write the name of the following ionic compounds:

2. (a) Li_2SO_4

(b) PbCO_3

p.198 #1,3