

CHM 1020
Homework for Part IV
Memorize the names and symbols for elements 19-36

1. What are the ionic charges for each atom in the following substances?
 - a. NaCl Na is +1 and Cl is -1 (or you could say Na^+ and Cl^-)
 - b. KBr
 - c. MgS
 - d. Na_2S
 - e. K_2O
 - f. BeCl_2
 - g. BaF_2
 - h. FeCl_3
 - i. NiI_2
 - j. NaOH
 - k. KCN
 - l. Fe_2O_3
2. Name the ionic substances listed in question #1.
3. What is the name of the compound with the chemical formula NH_4NO_3 ?
4. What is the name of the compound with the chemical formula Cr_2O_3 ?
5. What is the chemical formula for copper(II) cyanide?

Fill in the formulas and names for the combinations of the following chart:

	CO_3^{2-}	O^{2-}	NO_3^-	Br^-
Li^+				
Cu^+				
Cu^{2+}				
Mn^{3+}				