ASSIGNMENT _____ NAME _____ HOUR _____

NAMING COMPOUND AND WRITING FORMULAS WORKSHEET 1

I. WRITE FORMULAS FOR THE FOLLOWING COMPOUNDS:

1. POTASSIUM IODIDE _____
2. MAGNESIUM FLUORIDE _____
3. SILVER OXIDE _____
4. SODIUM HYDROXIDE _____
5. ZINC CHROMATE _____
6. CALCIUM PHOSPHATE _____
7. CHROMIUM (III) SULFATE _____
8. LEAD (II) NITRATE _____
9. MERCURY (II) SULFIDE _____
10. AMMONIUM CARBONATE _____

II. NAME THE FOLLOWING COMPOUNDS:

11. $Na^{+}Cl^{-}$ _____
12. $Ca^{++}Br^{-}_{2}$ _____
13. $K^{+}_{2}O^{--}$ _____
14. $Ag^{+}ClO_{3}^{-}$ _____
15. $Mg^{++}SO_{3}^{--}$ _____
16. $Fe^{++}_{3}(PO_{4}^{---})_{2}$ _____
17. $Al^{+++}_{2}(Cr_{2}O_{7}^{--})_{3}$ _____
18. $Cu^{++}(OH^{-})_{2}$ _____
19. $(NH_{4}^{+})_{2}S^{--}$ _____
20. $Ni^{++}CrO_{4}^{--}$ _____

Name _____ Formula Writing Sheet #1

Using what you learned in the "Molecule Maker Labs", complete the chart by writing the correct formulas for the following compounds.

Name of Compound	Positive ion	Negative ion	Formula
1. Sodium Iodide	Na^+	I^-	NaI
2. Silver sulfide	Ag^+	S^{2-}	Ag_2S
3. Barium sulfate			
4. Lithium sulfide			
5. Sodium hydroxide			
6. Ammonium chlorate		ClO_3^-	
7. Zinc sulfate	Zn^{2+}		
8. Iron(III) phosphate	Fe^{3+}		
9. Nickel (II) hydroxide	Ni^{2+}		
10. Chromium (III) oxide	Cr^{3+}		
11. Iron (III) sulfate			
12. Copper (II) nitrate			
13. copper (II) carbonate			
14. magnesium phosphide			
15. aluminum nitrate			
16. sodium phosphate			
17. aluminum sulfate			
18. aluminum sufide			
19. iron (III) sulfite			
20. ammonium carbonate			