

Worksheet 7.D Ionic Names and Formulas
Chapter 7 Ionic Compounds and Metals
General Chemistry

Name Key
Date _____ Period _____

Part A: Naming Ionic Compounds

(Name the Following Ionic Compounds.)

1. NH_4Cl Ammonium Chloride
2. $\text{Fe}(\text{NO}_3)_3$ Iron III Nitrate
3. CaBr_2 Calcium Bromide
4. Cu_3P Copper I Phosphide
5. SnSe_2 Tin IV Selenide
6. GaS Gallium Sulfide
7. $\text{Pb}(\text{SO}_4)_2$ Lead II Sulfate
8. $\text{Be}(\text{HCO}_3)_2$ Beryllium bicarbonate (or Hydrogen Carbonate)
9. $\text{Al}_2(\text{SO}_3)_3$ Aluminum Sulfite
10. $\text{Ni}(\text{CN})_2$ Nickel II Cyanide

Part B: Formula Writing of Ionic Compounds

(Write Formulas for the Following Ionic Compounds.)

1. chromium (III) phosphate CrPO_4
2. tin (II) nitrite $\text{Sn}(\text{NO}_2)_2$
3. silver bromide AgBr
4. copper (II) sulfate CuSO_4
5. magnesium acetate $\text{Mg}(\text{C}_2\text{H}_3\text{O}_2)_2$
6. lead (II) nitride Pb_3N_2
7. strontium nitride Sr_3N_2
8. lithium iodide LiI
9. copper (I) oxide Cu_2O
10. cobalt (III) oxide Co_2O_3