Nomenclature Practice Name: _____

1. Write formulas for the following compounds:

a. ammonium sulfide _____

b. antimony (V) nitrite _____

c. calcium carbonate _____

d. carbon tetroxide _____

e. chlorine monobromide _____

f. chlorous acid _____

g. copper (II) cyanide _____

h. hydrosulfuric acid _____

i. silver oxide _____

j. tin (II) nitride _____

2. Name the following compounds:

a. $Al_2(C_2O_4)_3$ _____

b. Cl_2O _____

c. $Co(NO_2)_2$ _____

d. $H_3P_{(aq)}$ _____

e. $HClO_{4\ (aq)}$ _____

f. $LiOH$ _____

g. $Mg(HCO_3)_2$ _____

h. NH_4IO _____

i. PbS_2 _____

j. $SrCO_3$ _____

Nomenclature Practice Answer KEY Name: _____

1. Write formulas for the following compounds:

a. ammonium sulfide **$(NH_4)_2S$**

b. antimony (V) nitrite **$Sb(NO_2)_5$**

c. calcium carbonate **$CaCO_3$**

d. carbon tetroxide **CO_4**

e. chlorine monobromide **ClBr**

f. chlorous acid **$HClO_{2\ (aq)}$**

g. copper (II) cyanide **$Cu(CN)_2$**

h. hydrosulfuric acid **$H_2S_{\ (aq)}$**

i. silver oxide **Ag_2O**

j. tin (II) nitride **Sn_3N_2**

2. Name the following compounds:

a. $Al_2(C_2O_4)_3$ **aluminum oxalate**

b. Cl_2O **dichlorine monoxide**

c. $Co(NO_2)_2$ **cobalt (II) nitrite**

d. $H_3P_{\ (aq)}$ **phosphoric acid**

e. $HClO_{4\ (aq)}$ **perchloric acid**

f. LiOH **lithium hydroxide**

g. $Mg(HCO_3)_2$ **magnesium hydrogen carbonate**

h. NH_4IO **ammonium hypoiodite**

i. PbS_2 **lead (IV) sulfide**

j. $SrCO_3$ **strontium carbonate**