

1. Write the names for the following compounds.

- a.  $\text{Cu}_3\text{AsO}_4$  copper (I) arsenate
- b.  $\text{H}_3\text{PO}_3$  phosphorous acid
- c.  $\text{NH}_4\text{HSO}_3$  ammonium bisulfite (or ammonium hydrogen sulfite)
- d.  $\text{PbSO}_2$  lead (II) hyposulfite
- e.  $\text{HIO}_4$  periodic acid
- f.  $\text{Mg}(\text{NO}_3)_2$  magnesium nitrate
- g.  $\text{LiClO}$  lithium hypochlorite

2. Write the chemical formulas for the following compounds.

- a. Copper (I) sulfite  $\text{Cu}_2\text{SO}_3$
- b. Chlorous acid  $\text{HClO}_2$
- c. Chloric acid  $\text{HClO}_3$
- d. Nickel (II) carbonate  $\text{NiCO}_3$
- e. Iron (III) hydroxide  $\text{Fe}(\text{OH})_3$
- f. Manganese (II) iodate  $\text{Mn}(\text{IO}_3)_2$
- g. Beryllium nitrite  $\text{Be}(\text{NO}_2)_2$