

Pages 298 – 299 (75-76, 80 – 85)

75. Write formulas for these compounds.

- a. nitrous acid
- b. aluminum hydroxide
- c. hydroselenic acid
- d. strontium hydroxide
- e. phosphoric acid

76. Write names or formulas for these compounds.

- a.  $\text{Pb(OH)}_2$
- b.  $\text{Co(OH)}_2$
- c. copper (II) hydroxide
- d. iron (II) hydroxide

80. Write formulas for these compounds.

- a. potassium permanganate
- b. calcium hydrogen carbonate  $(\text{HCO}_3)^{-1}$
- c. dichlorine heptoxide
- d. trisilicon tetranitride
- e. sodium dihydrogen phosphate  $(\text{H}_2\text{PO}_4)^{-1}$
- f. phosphorus pentabromide

81. Write formulas for these compounds.

- a. magnesium sulfide
- b. sodium phosphite
- c. barium hydroxide
- d. copper (II) nitrite
- e. potassium sulfite
- f. calcium carbonate
- g. sodium bromide
- h. ferric sulfate (iron (III) sulfate)

82. Name these compounds.

- a.  $\text{NaClO}_3$
- b.  $\text{Hg}_2\text{Br}_2$  (**Mercury I ion is written as  $\text{Hg}_2^{+2}$** )
- c.  $\text{K}_2\text{CrO}_4$
- d.  $\text{HClO}_4$
- e.  $\text{SnO}_2$
- f.  $\text{Fe}(\text{C}_2\text{H}_3\text{O}_2)_3$
- g.  $\text{KHSO}_4$
- h.  $\text{Ca}(\text{OH})_2$
- i.  $\text{BaS}$

83. Name each substance

- a.  $\text{LiClO}_4$
- b.  $\text{Cl}_2\text{O}$
- c.  $\text{HgF}_2$  (**Mercury II is written as  $\text{Hg}^{+2}$** )
- d.  $\text{CaO}$
- e.  $\text{Ba}_3(\text{PO}_4)_2$
- f.  $\text{I}_2$
- g.  $\text{SrSO}_4$
- h.  $\text{CuC}_2\text{H}_3\text{O}_2$
- i.  $\text{SiCl}_4$

84. Name each compound.

- a.  $\text{Mg}(\text{MnO}_4)_2$
- b.  $\text{Be}(\text{NO}_3)_2$
- c.  $\text{K}_2\text{CO}_3$
- d.  $\text{N}_2\text{H}_4$
- e.  $\text{LiOH}$
- f.  $\text{BaF}_2$
- g.  $\text{PI}_3$
- h.  $\text{ZnO}$

i.  $\text{H}_3\text{PO}_4$

85. Write formulas for these compounds.

a. calcium bromide

b. silver chloride

c. aluminum carbide

d. nitrogen dioxide

e. tin (IV) cyanide

f. lithium hydride

g. strontium acetate

h. sodium silicate (**Silicate =  $\text{SiO}_3^{-2}$** )