

More Practice Naming Compounds and Writing Formulas

Key

Name the following compounds.

- a) SiO_2 silicon dioxide
- b) BeCl_2 beryllium chloride
- c) NaOCl sodium hypochlorite
- d) KCN potassium cyanide
- e) Al_2O_3 aluminum oxide
- f) NO nitrogen monoxide
- g) NiSO_4 nickel(II) sulfate
- h) $(\text{NH}_4)_2\text{S}$ ammonium sulfide
- i) PbO_2 lead(IV) oxide
- j) P_2O_5 diphosphorus pentoxide

Write formulas for the following compounds.

- a) iron (III) hydroxide $\text{Fe}(\text{OH})_3$
- b) potassium dichromate $\text{K}_2\text{Cr}_2\text{O}_7$
- c) aluminum iodide AlI_3
- d) dinitrogen tetroxide N_2O_4
- e) sodium permanganate NaMnO_4
- f) calcium oxide CaO
- g) nitrogen trihydride NH_3
- h) zinc nitrate $\text{Zn}(\text{NO}_3)_2$
- i) magnesium carbonate MgCO_3
- j) carbon monoxide CO