

1. Name the following compounds:

- a.  $\text{Al}(\text{C}_2\text{H}_3\text{O}_2)_3$  \_\_\_\_\_
- b.  $\text{CsF}$  \_\_\_\_\_
- c.  $\text{Fe}(\text{BrO}_4)_3$  \_\_\_\_\_
- d.  $\text{H}_2\text{C}_2\text{O}_4$  (aq) \_\_\_\_\_
- e.  $\text{H}_2\text{Te}$  (aq) \_\_\_\_\_
- f.  $\text{HIO}_2$  (aq) \_\_\_\_\_
- g.  $\text{N}_2\text{O}$  \_\_\_\_\_
- h.  $\text{NH}_4\text{F}$  \_\_\_\_\_
- i.  $\text{PbS}_2$  \_\_\_\_\_
- j.  $\text{SeO}_2$  \_\_\_\_\_

2. Write formulas for the following compounds:

- a. acetic acid \_\_\_\_\_
- b. barium perchlorate \_\_\_\_\_
- c. copper (I) carbonate \_\_\_\_\_
- d. hydroselenic acid \_\_\_\_\_
- e. phosphorus trichloride \_\_\_\_\_
- f. potassium chromate \_\_\_\_\_
- g. potassium hydrogen sulfite \_\_\_\_\_
- h. silicon tetrachloride \_\_\_\_\_
- i. tin (II) telluride \_\_\_\_\_
- j. zinc phosphide \_\_\_\_\_

1. Name the following compounds:

- a.  $\text{Al}(\text{C}_2\text{H}_3\text{O}_2)_3$  **aluminum acetate**
- b.  $\text{CsF}$  **cesium fluoride**
- c.  $\text{Fe}(\text{BrO}_4)_3$  **iron (III) perbromate**
- d.  $\text{H}_2\text{C}_2\text{O}_4$  (aq) **oxalic acid**
- e.  $\text{H}_2\text{Te}$  (aq) **hydrotelluric acid**
- f.  $\text{HIO}_2$  (aq) **iodous acid**
- g.  $\text{N}_2\text{O}$  **dinitrogen monoxide**
- h.  $\text{NH}_4\text{F}$  **ammonium fluoride**
- i.  $\text{PbS}_2$  **lead (IV) sulfide**
- j.  $\text{SeO}_2$  **selenium dioxide**

2. Write formulas for the following compounds:

- a. acetic acid  **$\text{HC}_2\text{H}_3\text{O}_2$  (aq)**
- b. barium perchlorate  **$\text{Ba}(\text{ClO}_4)_2$**
- c. copper (I) carbonate  **$\text{Cu}_2\text{CO}_3$**
- d. hydroselenic acid  **$\text{H}_2\text{Se}$  (aq)**
- e. phosphorus trichloride  **$\text{PCl}_3$**
- f. potassium chromate  **$\text{K}_2\text{CrO}_4$**
- g. potassium hydrogen sulfite  **$\text{KHSO}_3$**
- h. silicon tetrachloride  **$\text{SiCl}_4$**
- i. tin (II) telluride  **$\text{SnTe}$**
- j. zinc phosphide  **$\text{Zn}_3\text{P}_2$**