

**Ionic and Covalent Naming Practice**

For each of the following questions, determine whether the compound is ionic or covalent and name it appropriately.

- 1)  $\text{Na}_2\text{CO}_3$  \_\_\_\_\_
- 2)  $\text{P}_4\text{O}_{10}$  \_\_\_\_\_
- 3)  $\text{N}_2\text{O}_5$  \_\_\_\_\_
- 4)  $\text{FeSO}_4$  \_\_\_\_\_
- 5)  $\text{SiO}_2$  \_\_\_\_\_
- 6)  $\text{FeCl}_3$  \_\_\_\_\_
- 7)  $\text{CoBr}_2$  \_\_\_\_\_
- 8)  $\text{B}_2\text{H}_4$  \_\_\_\_\_
- 9)  $\text{CO}$  \_\_\_\_\_
- 10)  $\text{PCl}_3$  \_\_\_\_\_

For each of the following questions, determine whether the compound is ionic or covalent and write the appropriate formula for it.

- 11) dinitrogen trioxide \_\_\_\_\_
- 12) nitrogen dioxide \_\_\_\_\_
- 13) sulfur pentoxide \_\_\_\_\_
- 14) lithium acetate \_\_\_\_\_
- 15) phosphorus trifluoride \_\_\_\_\_
- 16) vanadium (V) oxide \_\_\_\_\_
- 17) aluminum hydroxide \_\_\_\_\_
- 18) zinc sulfide \_\_\_\_\_
- 19) silicon tetrafluoride \_\_\_\_\_
- 20) silver phosphate \_\_\_\_\_