

## Skill Practice 22

**Covalent Formulas**  
**Practice**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Hour: \_\_\_\_\_

Write the names of the following compounds.

1.  $N_2O_5$  \_\_\_\_\_2.  $P_3O_7$  \_\_\_\_\_3.  $S_3F_4$  \_\_\_\_\_4.  $CO_2$  \_\_\_\_\_5.  $N_2O_6$  \_\_\_\_\_6.  $CuSO_4$  \_\_\_\_\_7.  $(NH_4)_2CO_3$  \_\_\_\_\_8.  $SF_6$  \_\_\_\_\_

Write the formulas for the following compounds.

9. dihydrogen tetraoxide \_\_\_\_\_

10. trinitrogen pentasulfide \_\_\_\_\_

11. carbon dioxide \_\_\_\_\_

12. dinitrogen monoxide \_\_\_\_\_

13. iron(II) nitrate \_\_\_\_\_

14. carbon tetrachloride \_\_\_\_\_

Write the empirical formula for each of the following molecular formulas.

15.  $C_6H_{14}$  \_\_\_\_\_16.  $H_3PO_4$  \_\_\_\_\_17.  $N_2O_4$  \_\_\_\_\_18.  $C_4H_8$  \_\_\_\_\_19.  $C_{12}H_{18}O_2$  \_\_\_\_\_20.  $N_4H_6O_4$  \_\_\_\_\_21.  $S_2O_7$  \_\_\_\_\_22.  $C_4H_3O_4$  \_\_\_\_\_