

**Mixed Ionic and Covalent Names & Formulas**

Name: \_\_\_\_\_ Per.: \_\_\_\_\_

*Name the following chemical compounds:*

1.  $\text{LiC}_2\text{H}_3\text{O}_2$  \_\_\_\_\_
2.  $\text{P}_2\text{O}_5$  \_\_\_\_\_
3.  $\text{Ca}(\text{OH})_2$  \_\_\_\_\_
4.  $\text{FeO}$  \_\_\_\_\_
5.  $\text{BF}_3$  \_\_\_\_\_
6.  $\text{AlF}_3$  \_\_\_\_\_
7.  $\text{Co}_2(\text{CO}_3)_3$  \_\_\_\_\_
8.  $(\text{NH}_4)_2\text{SO}_4$  \_\_\_\_\_
9.  $\text{ZnO}$  \_\_\_\_\_
10.  $\text{SiO}_2$  \_\_\_\_\_

*Write the formulas of the following compounds:*

11. cadmium nitrate \_\_\_\_\_
12. carbonic acid \_\_\_\_\_
13. lead (IV) phosphide \_\_\_\_\_
14. dinitrogen triselenide \_\_\_\_\_
15. carbon tetrahydride \_\_\_\_\_
16. titanium (II) phosphate \_\_\_\_\_
17. magnesium arsenide \_\_\_\_\_
18. sulfur hexafluoride \_\_\_\_\_
19. sodium nitride \_\_\_\_\_
20. copper (II) phosphate \_\_\_\_\_
21. nitrogen monoxide \_\_\_\_\_
22. carbon disulfide \_\_\_\_\_