

Name _____

Chem V20

Naming Molecular Compounds and Acids

Write the formulas for the following molecular compounds:

- 1) carbon tribromide _____
- 2) hexaboron dinitride _____
- 3) tetrachlorine dioxide _____
- 4) disilicon heptafluoride _____
- 5) iodine pentafluoride _____
- 6) dinitrogen monoxide _____
- 7) ammonia _____
- 8) phosphorus triiodide _____

Write the names for the following molecular compounds:

- 9) P_4S_5 _____
- 10) CO_2 _____
- 11) SeF_6 _____
- 12) Si_2Br_6 _____
- 13) SCl_4 _____
- 14) N_2F _____
- 15) B_2S _____
- 16) PF_3 _____

Write the names for the following acids:

- 1) H_2CO_3 _____
- 2) H_3PO_4 _____
- 3) HCl _____
- 4) HBrO_4 _____
- 5) HBrO _____
- 6) HBr _____
- 7) $\text{HC}_2\text{H}_3\text{O}_2$ _____
- 8) H_3NO_2 _____

Write the formulas for the following acids:

- 9) nitric acid _____
- 10) hydrosulfuric acid _____
- 11) chlorous acid _____
- 12) nitrous acid _____
- 13) hydrofluoric acid _____
- 14) perfluoric acid _____
- 15) phosphorous acid _____
- 16) sulfuric acid _____