All Compounds Nomenclature Worksheet

*Write the formulas or names for the following covalent compounds:*

1) arsenic tribromide \_\_\_\_\_\_\_\_\_\_\_

2) hexaboron monosilicide \_\_\_\_\_\_\_\_\_\_

3) chlorine dioxide \_\_\_\_\_\_\_\_\_\_\_\_\_

4) silicon tetraiodide \_\_\_\_\_\_\_\_\_\_\_\_\_

5) iodine pentafluoride \_\_\_\_\_\_\_\_\_\_\_

6) dinitrogen trioxide \_\_\_\_\_\_\_\_\_\_\_\_

7) ammonia \_\_\_\_\_\_\_\_\_\_\_\_

8) phosphorus triiodide \_\_\_\_\_\_\_\_\_\_\_\_\_

9) P4S5\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10) SiO2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11) SeF6 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12) Si2Br6 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13) SCl4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14) CH4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15) B2Si \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16) NF3 ­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Write the formulas or names for the following acidic compounds:*

1) nitric acid \_\_\_\_\_\_\_\_\_\_\_\_\_

2) chloric acid \_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) acetic acid \_\_\_\_\_\_\_\_\_\_\_\_\_

4) hydrobromic acid \_\_\_\_\_\_\_\_\_\_\_\_\_

5) sulfurous acid \_\_\_\_\_\_\_\_\_\_\_

6) chlorous acid \_\_\_\_\_\_\_\_\_\_\_\_

7) hydrochloric acid \_\_\_\_\_\_\_\_\_\_\_\_

8) phosphoric acid \_\_\_\_\_\_\_\_\_\_\_\_\_

9) nitrous acid \_\_\_\_\_\_\_\_\_\_\_\_\_\_

10) hydrofluoric acid \_\_\_\_\_\_\_\_\_\_\_\_\_

11) perchloric acid \_\_\_\_\_\_\_\_\_\_\_\_\_

12) hydroiodic acid \_\_\_\_\_\_\_\_\_\_\_

13) bromous acid \_\_\_\_\_\_\_\_\_\_\_\_

14) carbonic acid \_\_\_\_\_\_\_\_\_\_\_\_

15) sulfuric acid \_\_\_\_\_\_\_\_\_\_\_\_\_

16) HClO4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17) H3PO4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18) HCl \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19) H2SO4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20) HNO2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

21) HI \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

22) HC2H3O2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

23) HF ­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

24) HBrO4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25) HClO3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

26) H2CO3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

27) H2SO3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

28) HClO2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

29) HNO3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

30) HBr \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mixed Practice**

|  |  |
| --- | --- |
| 1. nitric acid | 1. H2SO3 |
| 1. hydrocyanic acid | 1. Cr3N2 |
| 1. cadmium iodide | 1. P2O5 |
| 1. cobalt (III) oxide | 1. Li2O |
| 1. nickel (II) sulfide | 1. H2SO4 |
| 1. chlorous acid | 1. PO3 |
| 1. hydrosulfuric acid | 1. LiClO |
| 1. sodium bromide | 1. HF |
| 1. hypobromous acid | 1. Fe2O3 |
| 1. nickel (II) hydroxide | 1. HClO2 |
| 1. aluminum sulfate | 1. HClO4 |
| 1. nitrogen monoxide | 1. AgNO3 |
| 1. dinitrogen trioxide | 1. ZnS |
| 1. acetic acid | 1. HI |
| 1. copper (I) oxide | 1. Cr2O3 |
| 1. sulfur trioxide | 1. HFO3 |
| 1. carbonic acid | 1. Fe3(PO4)2 |
| 1. nitrous acid | 1. N2O5 |
| 1. hydrochloric acid | 1. HCN |
| 1. zinc sulfide | 1. KI |
| 1. periodic acid | 1. HBrO2 |
| 1. sodium bicarbonate | 1. Ca3(PO4)2 |