

### Ionic Nomenclature

1. Zinc bisulfate  $Zn(HSO_4)_2$
2. Cupric hydroxide  $Cu(OH)_2$
3. Magnesium carbonate  $MgCO_3$
4. Lead (IV) chlorite  $Pb(ClO_2)_4$
5. Ammonium permanganate  $NH_4MnO_4$
6.  $Li_3PO_4$  Lithium phosphate
7.  $BaCrO_4$  Barium chromate
8.  $Ca_3(BO_3)_2$  Calcium borate
9.  $K_2SO_3$  Potassium sulfite
10.  $AlBr_3$  Aluminum bromide

### Covalent Nomenclature

1. Tetraphosphorus decasulfide  $P_4S_{10}$
2. Bromine pentaiodide  $BrI_5$
3. Nitrogen trichloride  $NCI_3$
4. Trisulfur dinitride  $S_3N_2$
5. Nitrogen tribromide  $NBr_3$
6.  $N_2O_5$  dinitrogen pentoxide
7.  $SiF_4$  Silicon tetrafluoride
8.  $XeF_6$  Xenon hexafluoride
9.  $Cl_2O_3$  dichloride trioxide
10.  $N_2O_5$  dinitrogen pentoxide

### Acids and Hydrates

1. hydrobromic acid  $HBr$
2. hydrocyanic acid  $HCN$
3. nitric acid  $HNO_3$
4. acetic acid  $HC_2H_3O_2$
5. calcium sulfate dehydrate  $CaSO_4 \cdot 2H_2O$
6.  $CoSO_4 \cdot 6H_2O$  cobalt (II) sulfate hexahydrate
7.  $MgSO_4 \cdot 9H_2O$  Magnesium sulfate nonahydrate
8.  $HClO_2$  chlorous acid
9.  $H_2C_2O_4$  oxalic acid
10. HOH hydroxic acid