

## Naming Worksheet

(From [http://www.palomar.edu/chemistry/docs/Name\\_of\\_Chemical\\_Compounds.html](http://www.palomar.edu/chemistry/docs/Name_of_Chemical_Compounds.html))

### Name the following compounds:

- ZnS \_\_\_\_\_
- MgCl<sub>2</sub> \_\_\_\_\_
- Ca(ClO<sub>3</sub>)<sub>2</sub> \_\_\_\_\_
- CaSO<sub>4</sub> \_\_\_\_\_
- AgNO<sub>3</sub> \_\_\_\_\_
- H<sub>2</sub>S \_\_\_\_\_
- CaO \_\_\_\_\_
- H<sub>2</sub>CO<sub>3</sub> \_\_\_\_\_
- Mg<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> \_\_\_\_\_
- KCl \_\_\_\_\_
- K<sub>2</sub>O \_\_\_\_\_
- Al(NO<sub>2</sub>)<sub>3</sub> \_\_\_\_\_
- MgO \_\_\_\_\_
- SnI<sub>2</sub> \_\_\_\_\_
- AsCl<sub>5</sub> \_\_\_\_\_
- CuSO<sub>3</sub> \_\_\_\_\_
- HF \_\_\_\_\_
- FeSO<sub>4</sub> \_\_\_\_\_
- SnCl<sub>4</sub> \_\_\_\_\_
- AsCl<sub>3</sub> \_\_\_\_\_
- KCN \_\_\_\_\_
- CuCl<sub>2</sub> \_\_\_\_\_
- PCl<sub>5</sub> \_\_\_\_\_
- LiNO<sub>2</sub> \_\_\_\_\_
- KH<sub>2</sub>PO<sub>4</sub> \_\_\_\_\_
- CuCN \_\_\_\_\_
- KHCO<sub>3</sub> \_\_\_\_\_
- NaHSO<sub>3</sub> \_\_\_\_\_
- Li<sub>2</sub>HPO<sub>4</sub> \_\_\_\_\_
- H<sub>3</sub>PO<sub>3</sub> \_\_\_\_\_
- MgSO<sub>4</sub> \_\_\_\_\_
- Ca(IO<sub>2</sub>)<sub>2</sub> \_\_\_\_\_
- SiO<sub>2</sub> \_\_\_\_\_
- CuCl \_\_\_\_\_
- KClO<sub>2</sub> \_\_\_\_\_
- CaSO<sub>3</sub> \_\_\_\_\_
- NaBr \_\_\_\_\_
- P<sub>2</sub>O<sub>3</sub> \_\_\_\_\_
- HClO \_\_\_\_\_
- NO<sub>2</sub> \_\_\_\_\_
- NaH \_\_\_\_\_
- ZnS \_\_\_\_\_

22.  $\text{NH}_4\text{OH}$  \_\_\_\_\_ 47.  $\text{Pb}(\text{NO}_3)_2$  \_\_\_\_\_  
23.  $\text{Fe}(\text{ClO}_4)_3$  \_\_\_\_\_ 48.  $\text{H}_2\text{Se}$  \_\_\_\_\_  
24.  $\text{HNO}_2$  \_\_\_\_\_ 49.  $\text{H}_3\text{PO}_4$  \_\_\_\_\_  
25.  $\text{CS}_2$  \_\_\_\_\_ 50.  $\text{CaH}_2$  \_\_\_\_\_

**Write the formulas for the following compounds:**

51. lithium chloride \_\_\_\_\_ 76. strontium carbonate \_\_\_\_\_  
52. phosphoric acid \_\_\_\_\_ 77. calcium nitrate \_\_\_\_\_  
53. boron trichloride \_\_\_\_\_ 78. disulfur dichloride \_\_\_\_\_  
54. ferric chloride \_\_\_\_\_ 79. tin (IV) oxide \_\_\_\_\_  
55. carbon tetrachloride \_\_\_\_\_ 80. sodium bicarbonate \_\_\_\_\_  
56. silver sulfide \_\_\_\_\_ 81. strontium chlorate \_\_\_\_\_  
57. antimony trichloride \_\_\_\_\_ 82. aluminum hydroxide \_\_\_\_\_  
58. barium carbonate \_\_\_\_\_ 83. cadmium nitrate \_\_\_\_\_  
59. iodine monochloride \_\_\_\_\_ 84. diphosphorus trioxide \_\_\_\_\_  
60. aluminum nitride \_\_\_\_\_ 85. sodium hydride \_\_\_\_\_  
61. lead sulfate \_\_\_\_\_ 86. calcium nitride \_\_\_\_\_  
62. ammonium chloride \_\_\_\_\_ 87. sulfur trioxide \_\_\_\_\_  
63. hydrogen fluoride \_\_\_\_\_ 88. aluminum nitrate \_\_\_\_\_  
64. hydrobromic acid \_\_\_\_\_ 89. silver oxide \_\_\_\_\_  
65. tin (II) bromide \_\_\_\_\_ 90. ammonium phosphate \_\_\_\_\_  
66. cuprous oxide \_\_\_\_\_ 91. cupric sulfate \_\_\_\_\_  
67. calcium bicarbonate \_\_\_\_\_ 92. lithium fluoride \_\_\_\_\_

68. copper (II) cyanide \_\_\_\_\_ 93. sodium sulfate \_\_\_\_\_
69. cesium fluoride \_\_\_\_\_ 94. radium carbonate \_\_\_\_\_
70. zinc phosphate \_\_\_\_\_ 95. copper (II) oxide \_\_\_\_\_
71. dinitrogen pentoxide \_\_\_\_\_ 96. iron (III) sulfate \_\_\_\_\_
72. iron (II) sulfate \_\_\_\_\_ 97. magnesium perchlorate \_\_\_\_\_
73. magnesium oxide \_\_\_\_\_ 98. potassium hypochlorite \_\_\_\_\_
74. hydrogen chloride \_\_\_\_\_ 99. lithium hydride \_\_\_\_\_
75. potassium cyanide \_\_\_\_\_ 100. potassium nitrate \_\_\_\_\_