



Group I. Name the following compounds.

1. HCl
2. KOH
3. HgOH
4. KCl
5. FeCl₃
6. HNO₃
7. NH₄OH
8. Cu₂O
9. Al₂(SO₄)₃
10. N₂O₅
11. NaOH
12. CO₂
13. HF
14. Pb(OH)₂
15. NH₄NO₃
16. NaHCO₃
17. HgO
18. Zn(NO₂)₂
19. H₃PO₄
20. CsOH
21. Li₂O
22. Ca(OH)₂
23. CaBr₂
24. Fe₂O₃
25. H₂SO₄
26. FeCO₃
27. SO₃
28. Ba(BrO₃)₂
29. Al(OH)₃
30. HClO₄
31. NaC₂H₃O₂
32. Na₂SO₃
33. H₂CO₃
34. HFO₂
35. NH₄IO₃
36. LiH

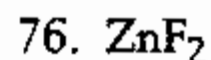
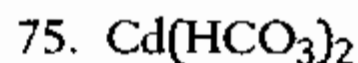
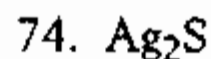
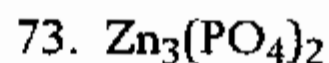
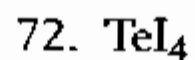
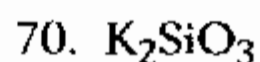
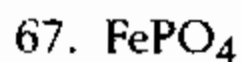
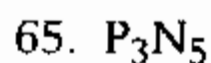
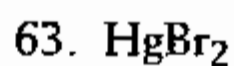
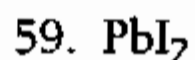
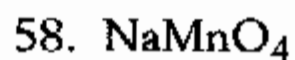
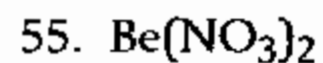
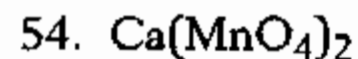
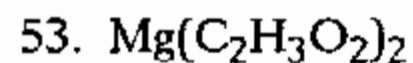
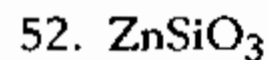
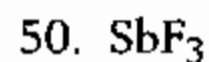
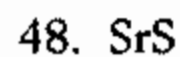
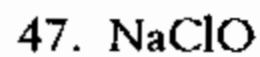
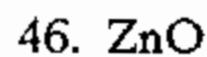
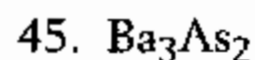
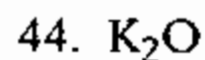
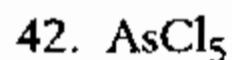
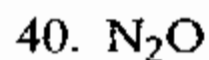
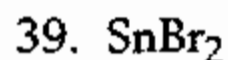
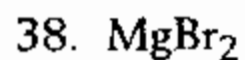
(continued)



Formulas and Nomenclature (continued)

Name _____

Date _____



(continued)



Formulas and Nomenclature (continued)

Name _____

Date _____

- | | |
|---|---|
| 77. H_2SO_3 | 89. $\text{KAl}(\text{SO}_4)_2$ |
| 78. $\text{Ba}(\text{OH})_2$ | 90. K_2UO_4 |
| 79. PbS | 91. SmCl_3 |
| 80. NaH_2PO_4 | 92. K_2S_5 |
| 81. $\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$ | 93. $\text{Fe}_3[\text{Fe}(\text{CN})_6]_2$ |
| 82. Ag_3N | 94. PtCl_2 |
| 83. SiI_4 | 95. PtI_4 |
| 84. ZnCO_3 | 96. NI_3 |
| 85. H_3PO_3 | 97. MoCl_5 |
| 86. SnI_4 | 98. $\text{La}(\text{NO}_3)_3$ |
| 87. $\text{Pb}(\text{NO}_3)_2$ | 99. Dy_2O_3 |
| 88. NaF | 100. V_2O_5 |

Group II. Write the correct formula for each of the following compounds.

- | | |
|---------------------|-----------------------|
| 1. sulfuric acid | 5. calcium oxide |
| 2. sodium hydroxide | 6. hydrosulfuric acid |
| 3. sodium bromide | 7. lithium sulfate |
| 4. barium hydroxide | 8. carbon monoxide |

(continued)



Formulas and Nomenclature (continued)

Name _____

Date _____

9. manganese dioxide
10. sulfur dioxide
11. iron(II) sulfate
12. hypochlorous acid
13. potassium permanganate
14. silver chloride
15. copper(II) hydroxide
16. ammonium sulfide
17. nickel(II) bromide
18. iron(II) oxide
19. bromic acid
20. ammonium bisulfate
21. mercury(I) sulfate
22. iron(III) oxide
23. magnesium phosphate
24. nickel(II) bicarbonate
25. zinc hydroxide
26. hydriodic acid
27. diphosphorous pentoxide
28. aluminum phosphate
29. hydrogen acetate
30. copper(II) nitrate
31. nitrogen dioxide
32. phosphorus trichloride
33. sodium phosphate
34. potassium carbonate
35. phosphoric acid
36. lead(IV) chloride
37. tin(II) bromide
38. ammonium hydroxide
39. periodic acid
40. iron(II) hydroxide
41. carbon dioxide
42. dinitrogen pentoxide
43. silver oxide
44. aluminum nitride
45. manganese(II) hydroxide
46. ammonium carbonate
47. aluminum oxide
48. antimony pentasulfide

(continued)



Formulas and Nomenclature (continued)

Name _____

Date _____

- | | |
|-----------------------------|-----------------------------|
| 49. barium carbonate | 68. lead(II) acetate |
| 50. calcium phosphate | 69. mercury(II) nitride |
| 51. cesium carbonate | 70. lead(II) hydroxide |
| 52. potassium silicate | 71. tin(IV) chloride |
| 53. silver chromate | 72. selenium tetrafluoride |
| 54. magnesium sulfite | 73. phosphorus pentabromide |
| 55. chromium(III) phosphide | 74. mercury(I) iodate |
| 56. cobalt(III) nitrate | 75. iron(III) sulfate |
| 57. zinc iodide | 76. nickel(II) sulfate |
| 58. iron(II) fluoride | 77. silicon dioxide |
| 59. nickel(II) selenide | 78. lithium phosphate |
| 60. sodium bisulphate | 79. potassium antimonide |
| 61. lithium oxide | 80. nitric acid |
| 62. copper(I) carbonate | 81. magnesium nitride |
| 63. strontium carbonate | 82. cadmium nitrite |
| 64. mercury(I) sulfate | 83. zinc acetate |
| 65. potassium dichromate | 84. hydrogen nitrite |
| 66. manganese(II) oxide | 85. strontium hydroxide |
| 67. nickel(II) chloride | 86. lead(II) sulfate |

(continued)



Name _____

Formulas and Nomenclature *(continued)*

Date _____

- | | |
|-------------------------------------|-------------------------------|
| 87. aluminum bisulfate | 99. potassium thiosulfate |
| 88. disodium hydrogen phosphate | 100. potassium arsenate |
| 89. ammonium aluminum sulfate | 101. silver potassium cyanide |
| 90. copper(II) sulfate pentahydrate | 102. sodium cyanate |
| 91. lead(II) nitrate | 103. permanganic acid |
| 92. gold(III) chloride | 104. osmium tetrachloride |
| 93. tin(II) hydroxide | 105. lanthanum oxide |
| 94. hydrogen carbonate | 106. germanium tetrachloride |
| 95. ammonium bromate | 107. erbium acetate |
| 96. scandium bromide | 108. ytterbium oxide |
| 97. bromine iodide | 109. calcium hydride |
| 98. rubidium carbonate | 110. iron(II) ferricyanide |

