

Nomenclature WS 1 (Ionic Compounds)

Name: _____

Write the name for each of the following compounds.

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|--|--------------------------------------|
| 1. CaCO_3 _____ | 11. BaSO_4 _____ |
| 2. FeO _____ | 12. $\text{Zn}(\text{NO}_3)_2$ _____ |
| 3. K_2SO_3 _____ | 13. CuSO_4 _____ |
| 4. AgCl _____ | 14. AlCl_3 _____ |
| 5. $\text{Ca}_3(\text{PO}_4)_2$ _____ | 15. NaOH _____ |
| 6. $\text{Ba}(\text{OH})_2$ _____ | 16. PbCl_2 _____ |
| 7. Na_2S _____ | 17. KNO_3 _____ |
| 8. FeCl_2 _____ | 18. $\text{Mg}(\text{OH})_2$ _____ |
| 9. Na_2CrO_4 _____ | 19. LiClO_3 _____ |
| 10. $(\text{NH}_4)_2\text{SO}_4$ _____ | 20. NiS _____ |

Write the chemical formula for each of the following compounds.

- | | |
|------------------------------|---------------------------------|
| 21. sodium nitrite _____ | 31. potassium carbonate _____ |
| 22. iron (III) oxide _____ | 32. silver sulfide _____ |
| 23. aluminum hydroxide _____ | 33. nickel (II) carbonate _____ |
| 24. ammonium hydroxide _____ | 34. calcium phosphate _____ |
| 25. magnesium chloride _____ | 35. copper (II) nitrite _____ |
| 26. calcium chloride _____ | 36. magnesium sulfide _____ |
| 27. copper (I) oxide _____ | 37. aluminum oxide _____ |
| 28. potassium sulfate _____ | 38. barium nitride _____ |
| 29. zinc oxide _____ | 39. lead (II) sulfate _____ |
| 30. barium sulfite _____ | 40. tin (II) carbonate _____ |

Write the name for each of the following compounds.

- | | |
|--|---|
| 41. NH_4NO_2 _____ | 51. K_2SO_3 _____ |
| 42. MgF_2 _____ | 52. Cu_2S _____ |
| 43. $\text{Ba}(\text{ClO}_3)_2$ _____ | 53. $\text{Mn}(\text{ClO}_4)_4$ _____ |
| 44. Al_2S_3 _____ | 54. ZnBr_2 _____ |
| 45. $\text{Sn}(\text{SO}_4)_2$ _____ | 55. $\text{Fe}_2(\text{CrO}_4)_3$ _____ |
| 46. PbO_2 _____ | 56. NaClO_4 _____ |
| 47. Hg_2Cl_2 _____ | 57. KClO _____ |
| 48. $\text{Zn}(\text{CH}_3\text{COO})_2$ _____ | 58. Mg_3N_2 _____ |
| 49. K_2SO_4 _____ | 59. NaMnO_4 _____ |
| 50. $\text{Co}_2(\text{SO}_4)_3$ _____ | 60. KMnO_4 _____ |

Write the chemical formula for each of the following ionic compounds.

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|------------------------------------|---------------------------------|
| 61. barium sulfide _____ | 72. potassium bromide _____ |
| 62. manganese (II) carbonate _____ | 73. sodium peroxide _____ |
| 63. iron (II) acetate _____ | 74. copper (II) bromide _____ |
| 64. potassium chlorate _____ | 75. ammonium sulfide _____ |
| 65. lead (II) fluoride _____ | 76. calcium nitrate _____ |
| 66. chromium (III) sulfate _____ | 77. zinc hydroxide _____ |
| 67. ammonium chlorate _____ | 78. sodium carbonate _____ |
| 68. mercury (II) chromate _____ | 79. lead (IV) oxide _____ |
| 69. silver phosphate _____ | 80. potassium perchlorate _____ |
| 70. potassium dichromate _____ | 81. silver nitride _____ |
| 71. hydrogen peroxide _____ | 82. sodium bicarbonate _____ |