

Mixed Naming Worksheet – Ionic, Covalent and Acids

Directions: Be sure to determine what type of compound your substance is – ionic, binary covalent or an acid.

Naming Compounds

1. NO_2
2. NaBr
3. SiO_2
4. P_2Br_4
5. FeSO_4
6. SF_6
7. HNO_3
8. Li_2S
9. HCl
10. MgBr_2
11. N_2S
12. SeF_2
13. AsCl_3
27. BaCl_2
28. K_2SO_4
29. $\text{Pb}(\text{ClO}_3)_2$
30. H_3PO_4
31. NF_3
32. TiCl_2
33. $\text{Al}_2(\text{HPO}_4)_3$
34. HBrO_3
35. HIO_3
36. H_2S
37. Si_3Cl_9
38. Ca_3P_2
14. HClO
15. $\text{Be}(\text{OH})_2$
16. SO_3
17. KMnO_4
18. HClO_4
19. Cu_2S
20. BF_3
21. H_2SO_4
22. CaI_2
23. $\text{Pb}_3(\text{PO}_4)_2$
24. HCH_3COO
25. $\text{Ca}(\text{CH}_3\text{COO})_2$
26. P_2O_5
39. $\text{Sr}(\text{OH})_2$
40. HClO_2
41. HClO_4
42. H_2SO_3
43. H_3P
44. NO
45. HBr
46. HClO_2
47. $\text{Mg}(\text{MnO}_4)_2$
48. P_4Cl_8
49. Ca_3N_2
50. SnS_2

Writing Formulas

51. hydroiodic acid
52. hydrosulfuric acid
53. calcium sulfide
54. dinitrogen pentoxide
55. aluminum sulfate
56. sulfurous acid
57. nitric acid
58. dihydrogen monoxide
59. trisulfur monochloride
60. selenium monoxide
61. hydrotelluric acid
62. tin(IV) sulfite
63. carbonic acid
64. barium acetate
65. zinc(II) periodate
66. chloric acid
67. silicon pentanitride
68. bromic acid
69. pentaphosphorous heptoxide
70. sodium oxide
71. hydrofluoric acid
72. calcium bromate
73. hydrobromic acid
74. silicon dioxide
75. nickel(III) sulfide
76. manganese(II) phosphate
77. silver(I) iodate
78. hydrobromic acid
79. diboron tetrabromide
80. phosphoric acid
81. potassium carbonate
82. ammonium oxide
83. carbon monoxide
84. aluminum sulfite
85. zinc(II) nitrate
86. sodium carbonate
87. sodium permanganate
88. diphosphorus pentoxide
89. lead(IV) sulfide
90. copper(I) sulfate
91. aluminum sulfate
92. ammonium nitride
93. magnesium hydroxide
94. calcium cyanide
95. nitric acid
96. sulfuric acid
97. xenon tetrafluoride
98. pentaphosphorus hexafluoride
99. cobalt(II) hypochlorite
100. aluminum bicarbonate