Name: KEY

/ 15 Pts.

Chemistry Practice: Writing Chemical Formulas

Write a chemical formula for each substance.

1. $NaCl$ sodium chloride
2. N_2O_5 dinitrogen pentoxide
3. H_2S hydrosulfuric acid
4. K_2SO_4 potassium sulfate
5. $H_2C_2O_4$ oxalic acid
6. $AgC_2H_3O_2$ silver acetate
7. $Cr(NO_3)_3$ chromium(III) nitrate
8. H_2CrO_3 chromous acid
9. $(NH_4)_2CO_3$ ammonium carbonate
10. $Ca(OH)_2$ calcium hydroxide
11. $H_2C_4H_4O_6$ tartaric acid
12. $Hg(NO_3)_2$ mercury(II) nitrate
13. N_2O dinitrogen monoxide
14. Fe_2O_3 ferric oxide
15. $Pb(ClO_3)_2$ lead(II) chlorate
16. $(NH_4)_3PO_4$ ammonium phosphate
17. $ZnCl_2$ zinc chloride
18. $Ca_3(PO_4)_2$ calcium phosphate
19. OF_2 oxygen difluoride
20. NaN_3 sodium azide
21. $Fe_2(SO_4)_3$ iron(III) sulfate
22. H_3AsO_3 arsenous acid
23. Cr_2O_3 chromium(III) oxide
24. N_2O_4 dinitrogen tetroxide
25. NH_4NO_3 ammonium nitrate
26. $AuBr_3$ gold(III) bromide
27. CO carbon monoxide
28. K_2CO_3 potassium carbonate
29. HIO_3 iodic acid
30. $CsCl$ cesium chloride
31. $Ni(MnO_4)_2$ nickel(II) permanganate
32. $Al_2(SO_4)_3$ aluminum sulfate
33. $Al_2(SO_3)_3$ aluminum sulfite
34. $Ba(C_2H_3O_2)_2$ barium acetate
35. $Mn(OH)_3$ manganese(III) hydroxide
36. KH_2PO_4 potassium dihydrogen phosphate
37. HF hydrofluoric acid
38. $Al(BrO_3)_3$ aluminum bromate
39. $Ca(NO_3)_2$ calcium nitrate
40. SO_3 sulfur trioxide
41. KCN potassium cyanide
42. $Pb(NO_3)_2$ lead(II) nitrate
43. H_2S hydrogen sulfide
44. $CoCl_3$ cobalt(III) chloride
45. SF_6 sulfur hexafluoride
46. Ca_3N_2 calcium nitride
47. CuI copper(I) iodide
48. SiO_2 silicon dioxide
49. $Sn(C_2H_3O_2)_4$ tin(IV) acetate
50. CCl_4 carbon tetrachloride
51. CuS cupric sulfide
52. $Pb_3(PO_4)_2$ lead(II) phosphate
53. $XeCl_4$ xenon tetrachloride
54. Rb_2O rubidium oxide
55. $MgSe$ magnesium selenide
56. NH_4Cl ammonium chloride
57. $Fe(C_2H_3O_2)_3$ iron(III) acetate
58. $K_2Cr_2O_7$ potassium dichromate
59. PBr_3 phosphorous tribromide
60. Na_3PO_3 sodium phosphite
61. Na_3PO_4 sodium phosphate
62. $Hg(NO_3)_2$ mercury(II) nitrate
63. $LiHCO_3$ lithium bicarbonate
64. CrF_3 chromium(III) fluoride
65. PbI_2 plumbous iodide
66. H_2SO_3 sulfurous acid
67. SnF_2 stannous fluoride
68. $HgCrO_4$ mercuric chromate
69. KNO_3 potassium nitrate
70. $SrCl_2$ strontium chloride
71. P_4O_{10} tetraphosphorous decoxide
72. KNO_3 potassium nitrate
73. KNO_2 potassium nitrite
74. K_3N potassium nitride
75. CaO calcium oxide
76. $Fe(IO_4)_2$ iron(II) periodate