

Name: KEY

15 Pts.

Chemistry Practice: Writing Chemical Formulas

Write a chemical formula for each substance.

1. NaCl sodium chloride
2. N₂O₅ dinitrogen pentoxide
3. H₂S hydrosulfuric acid
4. K₂SO₄ potassium sulfate
5. H₂C₂O₄ oxalic acid
6. AgC₂H₃O₂ silver acetate
7. Cr(NO₃)₃ chromium(III) nitrate
8. H₂CrO₃ chromous acid
9. (NH₄)₂CO₃ ammonium carbonate
10. Ca(OH)₂ calcium hydroxide
11. H₂C₄H₄O₆ tartaric acid
12. Hg(NO₃)₂ mercury(II) nitrate
13. N₂O dinitrogen monoxide
14. Fe₂O₃ ferric oxide
15. Pb(ClO₂)₂ lead(II) chlorate
16. (NH₄)₃PO₄ ammonium phosphate
17. ZnCl₂ zinc chloride
18. Ca₃(PO₄)₂ calcium phosphate
19. OF₂ oxygen difluoride
20. NaN₃ sodium azide
21. Fe₂(SO₄)₃ iron(III) sulfate
22. H₃AsO₃ arsenous acid
23. Cr₂O₃ chromium(III) oxide
24. N₂O₄ dinitrogen tetroxide
25. NH₄NO₃ ammonium nitrate
26. AuBr₃ gold(III) bromide
27. CO carbon monoxide
28. K₂CO₃ potassium carbonate
29. HIO₃ iodic acid
30. CsCl cesium chloride
31. Ni(MnO₄)₂ nickel(II) permanganate
32. Al₂(SO₄)₃ aluminum sulfate
33. Al₂(SO₃)₃ aluminum sulfite
34. Ba(C₂H₃O₂)₂ barium acetate
35. Mn(OH)₃ manganese(III) hydroxide
36. KH₂PO₄ potassium dihydrogen phosphate
37. HF hydrofluoric acid
38. Al(BrO₃)₃ aluminum bromate

39. Ca(NO₃)₂ calcium nitrate
40. SO₃ sulfur trioxide
41. KCN potassium cyanide
42. Pb(NO₃)₂ lead(II) nitrate
43. H₂S hydrogen sulfide
44. CoCl₂ cobalt(II) chloride
45. SF₆ sulfur hexafluoride
46. Ca₃N₂ calcium nitride
47. CuI copper(I) iodide
48. SiO₂ silicon dioxide
49. Sn(C₂H₃O₂)₄ tin(IV) acetate
50. CCl₄ carbon tetrachloride
51. Cu₂S cupric sulfide
52. Pb₃(PO₄)₂ lead(II) phosphate
53. XeCl₄ xenon tetrachloride
54. Rb₂O rubidium oxide
55. MgSe magnesium selenide
56. NH₄Cl ammonium chloride
57. Fe(C₂H₃O₂)₃ iron(III) acetate
58. K₂C₂O₇ potassium dichromate
59. PBr₃ phosphorous tribromide
60. Na₃PO₃ sodium phosphite
61. Na₃PO₄ sodium phosphate
62. Hg(NO₃)₂ mercury(II) nitrate
63. LiHCO₃ lithium bicarbonate
64. CrF₃ chromium(III) fluoride
65. PbI₂ plumbous iodide
66. H₂SO₃ sulfurous acid
67. SnF₂ stannous fluoride
68. HgCrO₄ mercuric chromate
69. KNO₃ potassium nitrate
70. SrCl₂ strontium chloride
71. P₄O₁₀ tetraphosphorous decoxide
72. KNO₃ potassium nitrate
73. KNO₂ potassium nitrite
74. K₃N potassium nitride
75. CaO calcium oxide
76. Fe(IO₄)₂ iron(II) periodate