

Homework. Name each compound. (These are a mixed selection of the five types above)

1. silver sulfide Ag_2S
2. aluminum oxide Al_2O_3
3. sulfur dioxide SO_2
4. iron (II) hydroxide $\text{Fe}(\text{OH})_2$
5. chromium (III) chloride CrCl_3
6. calcium fluoride CaF_2
7. phosphorous pentachloride PCl_5
8. xenon tetrafluoride XeF_4
9. ammonium sulfate $(\text{NH}_4)_2\text{SO}_4$
10. mercury (II) nitrate $\text{Hg}_2(\text{NO}_3)_2$
11. nickel (III) bromide NiBr_3
12. sulfur hexafluoride SF_6
13. copper (I) chloride CuCl
14. sodium acetate $\text{NaC}_2\text{H}_3\text{O}_2$
15. arsenic triiodide AsI_3
16. oxygen difluoride OF_2
17. mercury (II) sulfate HgSO_4
18. carbonic acid H_2CO_3
19. iron (II) phosphate $\text{Fe}_3(\text{PO}_4)_2$
20. potassium chromate K_2CrO_4
21. hydro sulfuric acid H_2S
22. dinitrogen monoxide N_2O
23. copper (I) chlorate CuClO_3
24. zinc hydroxide $\text{Zn}(\text{OH})_2$
25. silver acetate $\text{AgC}_2\text{H}_3\text{O}_2$
26. titanium (IV) chloride TiCl_4
27. Barium sulfide BaS
28. lead (IV) phosphate $\text{Pb}_3(\text{PO}_4)_4$
29. cesium perchlorate CsClO_4
30. xenon tetrachloride XeCl_4
31. iron (III) nitrate $\text{Fe}(\text{NO}_3)_3$
32. iron (III) nitrite $\text{Fe}(\text{NO}_2)_3$
33. iron (III) nitride FeN
34. ammonium hydroxide NH_4OH
35. manganese (II) hydroxide $\text{Mn}(\text{OH})_2$
36. potassium hypochlorite KClO
37. potassium chlorite KClO_2
38. potassium chlorate KClO_3
39. potassium perchlorate KClO_4
40. chlorine Cl_2
41. perchloric acid HClO_4
42. titanium (IV) cyanide $\text{Ti}(\text{CN})_4$
43. phosphorous trichloride PCl_3
44. cobalt (II) nitrate $\text{Co}(\text{NO}_3)_2$
45. aluminum perchlorate $\text{Al}(\text{ClO}_4)_3$
46. silver nitrate AgNO_3
47. gold (III) sulfide Au_2S_3
48. ammonium carbonate $(\text{NH}_4)_2\text{CO}_3$
49. sodium hydroxide NaOH
50. uranium (VI) hexafluoride UF_6
51. magnesium iodide MgI_2
52. cesium nitrate CsNO_3
53. dinitrogen pentoxide N_2O_5
54. copper (II) sulfate CuSO_4
55. selenic acid H_2SeO_4
56. tetraphosphorus hexoxide P_4O_6
57. manganese (II) peroxide MnO_2
58. nickel (II) phosphate $\text{Ni}_3(\text{PO}_4)_2$
59. sodium sulfite Na_2SO_3
60. copper (II) cyanide $\text{Cu}(\text{CN})_2$
61. lead (II) carbonate PbCO_3
62. oxygen difluoride OF_2
63. sodium chloride NaCl
64. oxalic acid $\text{H}_2\text{C}_2\text{O}_4$
65. potassium hypophosphite KH_2PO_4
66. nitrous acid HNO_2
67. tellurium dichloride TeCl_2
68. arsenous acid H_3AsO_3
69. copper (II) phosphate $\text{Cu}_3(\text{PO}_4)_2$
70. diphosphorus pentoxide P_2O_5
71. lead (IV) permanganate $\text{Pb}(\text{MnO}_4)_4$
72. tin (II) chromate SnCrO_4
73. gold (III) chloride AuCl_3
74. lead (II) chromate PbCrO_4
75. sodium sulfide Na_2S
76. magnesium carbonate MgCO_3
77. uranium (VI) sulfate $\text{U}(\text{SO}_4)_3$
78. sulfur trioxide SO_3
79. sodium cyanide NaCN
80. sodium peroxide Na_2O_2