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 $Fe(OH)_2$
5. chromium (III) chloride $CrCl_3$
6. calcium fluoride CaF_2
7. phosphorous pentachloride PCl_5
8. xenon tetrafluoride XeF_4
9. ammonium sulfate $(NH_4)_2SO_4$
10. mercury(I) nitrate $Hg_2(NO_3)_2$
11. nickel (III) bromide $NiBr_3$
12. sulfur hexafluoride SF_6
13. copper (I) chloride $CuCl$
14. sodium acetate $NaC_2H_3O_2$
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 $Fe_3(PO_4)_2$
20. potassium chromate K_2CrO_4
21. hydrosulfuric acid H_2S
22. dinitrogen monoxide N_2O
23. copper (I) chlorate $CuClO_3$
24. zinc hydroxide $Zn(OH)_2$
25. silver acetate $AgC_2H_3O_2$
26. titanium (IV) chloride $TiCl_4$
27. Barium sulfide BaS
28. lead (IV) phosphate $Pb_3(PO_4)_4$
54. cesium perchlorate $CsClO_4$
55. xenon tetrachloride $XeCl_4$
56. iron(III) nitrate $Fe(NO_3)_3$
57. iron (II) nitrite $Fe(NO_2)_3$
58. iron (III) nitride FeN
59. ammonium hydroxide NH_4OH
60. manganese (II) hydroxide $Mn(OH)_2$
61. potassium hypochlorite $KClO$
62. potassium chlorite $KClO_2$
63. potassium chlorate $KClO_3$
64. potassium perchlorate $KClO_4$
65. chlorine Cl_2

29. perchloric acid $HClO_4$
30. titanium (IV) cyanide $Ti(CN)_4$
31. phosphorous trichloride PCl_3
32. cobalt (II) nitrate $Co(NO_3)_2$
33. aluminum perchlorate $Al(ClO_4)_3$
34. silver nitrate $AgNO_3$
35. gold (III) sulfide Au_2S_3
36. ammonium carbonate $(NH_4)_2CO_3$
37. sodium hydroxide $NaOH$
38. uranium (VI) hexafluoride UF_6
39. magnesium iodide MgI_2
40. cesium nitrate $CsNO_3$
41. dinitrogen pentoxide N_2O_5
42. copper (II) sulfate $CuSO_4$
43. selenic acid H_2SeO_4
44. tetraphosphorus hexoxide P_4O_6
45. manganese (IV) peroxide MnO_2
46. nickel (II) phosphate $Ni_3(PO_4)_2$
47. Sodium sulfite Na_2SO_3
48. copper (II) cyanide $Cu(CN)_2$
49. lead (II) carbonate $PbCO_3$
50. oxygen difluoride OF_2
51. sodium chloride $NaCl$
52. oxalic acid $H_2C_2O_4$
53. potassium hypophosphite KH_2PO_4
54. nitrous acid HNO_2
54. tellurium dichloride $TeCl_2$
55. arsenous acid H_3AsO_3
66. copper (II) phosphate $Cu_3(PO_4)_2$
67. diphosphorus pentoxide P_2O_5
68. lead (IV) permanganate $Pb(MnO_4)_4$
69. tin (II) chromate $SnCrO_4$
70. gold (III) chloride $AuCl_3$
71. lead (II) chromate $PbCrO_4$
72. sodium sulfide Na_2S
73. magnesium carbonate $MgCO_3$
74. uranium(VI) sulfate $U(SO_4)_3$
75. sulfur trioxide SO_3
76. sodium cyanide $NaCN$
77. Sodium peroxide Na_2O_2