Name:_____

Nomenclature Test

Give the appropriate chemical formula for each name:

1. Hydrogen Chloride			16. Barium Chloride	
2. Potassium Bromide			17. Lithium Chloride	
3. Argon			18. Nitrogen Gas	
4. Hydrogen Oxide			19. Lithium Hydride	
5. Zinc Sulphide			20. Mercuric Chloride	
6. Mercurous Chloride			21. Chromium(VI) Oxide	
7. Carbon(IV) Sulphide			22. Antimonous Oxide	
8. Uranium(VI) Oxide			23. Ferrous Nitride	
9. Ferric Oxide			24. Ferrous Oxide	
10. Antimony (V) Chloride			25. Copper(II) Sulphide	
11. Sulphur(VI) Oxide			26. Platinum(II) Oxide	
12. Silver Nitrate			27. Potassium Nitrite	
13. Aluminum Iodate			28. Auric Perchlorate	
14. Nitrogen(II) Oxide			29. Carbonic Acid	
15. Hydrosulphuric Acid			30. Periodic Acid	
31. Chlorous Acid			41. Hydrogen Bromide	
32. Hydrochloric Acid			42. Chloric Acid	
33. Perchloric Acid			43. Ferric Bromate	
34. Lead(II) Phosphite			44. Sodium Hydroxide	
35. Ammonium Nitrate			45. Hydrogen Cyanide	
36. Sodium Bicarbonate			46. Ammonium Sulphate	
37. Hydrogen Peroxide			47. Aluminum Hydroxide	
38. Sodium Peroxide			48. Tin Tetrachloride	
39. Carbon Dioxide			49. Sulphur Trioxide	
40. Carbon Monoxide			50. Silicon Dioxide	

Give the prefix name for each of these chemical formulas:

51. Au_2O	
52. CuO	
53. PbO	
54. SO_3	
55. P_2O_5	

For these formula provide appropriate names, if there is a polyvalent cation, provide IUPAC and –ous, -ic names only, not the prefix method.

56. $CaCl_2$	
57. CaO	
58. $ZnCl_2$	
59. LiF	
60. HBr	
61. TiO_2	
62. PBr_3	
63. NiO	
64. Ni_2O_3	
65. AuN	
66. Fe_2C	
67. $PbCl_4$	
68 SnS	
69. HgO	
70. $Ca(NO_3)_2$	

71. $CuSO_4$	
72. $FeSO_4$	
73. $Al_2(SO_4)_3$	
74. K_3P0_4	
75. $Au_2(CO_3)_3$	
76. As_2O_3	
77. H_2CO_3 (aq)	
78. H_3PO_4 (aq)	
79. H_2SO_4 (aq)	
80. $Mg_3(PO_4)_2$	
81. HI (aq)	
82. HCl	
83. HNO_3 (aq)	
84. HBr (aq)	
85. $Zr(OH)_4$	
86. Ag_2O_2	
87. Au_2O	
88. $Ca(HSO_3)_2$	