

## Inorganic Naming Worksheet

A) Write the formulas for the following names:

1. ammonium sulfite
2. sodium nitrite
3. cupric bromate
4. aluminum sulfate
5. potassium nitrate
6. ferrous bicarbonate
7. lead (II) phosphate
8. diphosphorus pentoxide
9. calcium fluoride
10. nickel (II) nitrite
11. silver cyanide
12. ammonium sulfate
13. zinc sulfide
14. tin(II) phosphate
15. antimony (III) carbonate
16. silver sulfate
17. magnesium hydroxide
18. aluminum carbonate
19. nickel (II) acetate
20. sodium dichromate
21. chromic bisulfate
22. potassium permanganate
23. silver perchlorate
24. potassium phosphate
25. nickel(II) phosphate
26. lead(II) chlorite
27. iodic acid
28. iron (II) bisulfite
29. magnesium nitrate
30. iron(III) chromate
31. iron(II) chromate
32. copper (II) hydroxide
33. cuprous carbonate
34. calcium chlorate
35. ammonium oxide
36. aluminum perchlorate
37. zinc bicarbonate
38. sodium phosphate
39. silver hypochlorite
40. ammonium phosphate
41. ferrous chlorite
42. potassium sulfide

43. tin(IV) bromide
44. lithium chromate
45. magnesium bisulfate
46. calcium sulfate dihydrate
47. aluminum acetate
48. calcium chloride dihydrate
49. barium chromate
50. barium chloride dihydrate
51. sulfurous acid
52. sodium oxalate
53. zinc bisulfite
54. sodium sulfite
55. cobaltous sulfate
56. silver phosphate
57. sodium hypochlorite
58. ammonium chromate
59. barium carbonate
60. calcium iodide
61. cupric sulfate
62. cuprous chloride
63. zinc phosphate
64. sodium nitrite
65. silver oxide
66. nickel (II) bromide
67. magnesium oxide
68. lithium hypochlorite
69. oxygen difluoride
70. cobalt(II) hydrogen sulfate
71. acetic acid
72. barium hypochlorite
73. ammonium hydroxide
74. cobalt(II) iodide
75. chromium(II) bicarbonate
76. sodium hydroxide
77. silver nitrate
78. mercury(II) nitrate
79. hydrochloric acid
80. aluminum bisulfite
81. cobalt(III) hydrogen sulfate
82. phosphorus pentabromide
83. nickel(II) chloride hexahydrate
84. ammonium sulfate
85. iron(III) hydrogen carbonate
86. mercury(I) monohydrogen phosphate
87. copper(II) sulfate pentahydrate
88. sodium acetate
89. zinc sulfite
90. silver bicarbonate
91. potassium iodide
92. lead(IV) chlorite
93. lead(II) nitrite
94. potassium dichromate

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|------|------------------------|------|----------------------|
| 95.  | magnesium carbonate    | 109. | nitric acid          |
| 96.  | calcium bicarbonate    | 110. | potassium chloride   |
| 97.  | aluminum hydroxide     | 111. | copper (I) bisulfate |
| 98.  | ammonium chromate      | 112. | zinc permanganate    |
| 99.  | nitrogen triiodide     | 113. | hydrobromic acid     |
| 100. | sulfur trioxide        | 114. | hydrocyanic acid     |
| 101. | ammonium dichromate    | 115. | sulfurous acid       |
| 102. | iron (III) bicarbonate | 116. | sulfuric acid        |
| 103. | ammonium perchlorate   | 117. | copper(I) sulfate    |
| 104. | iron(II) chromate      | 118. | chromium(III) oxide  |
| 105. | zinc sulfate           | 119. | aluminum oxide       |
| 106. | boron monophosphide    | 120. | barium carbonate     |
| 107. | acetic acid            | 121. | perchloric acid      |
| 108. | barium bisulfite       | 122. | lead(II) oxide       |

B) Write the names for the following formulas:

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|------|-------------------------------|------|-----------------------------|
| 123. | $\text{NaMnO}_4$              | 132. | $\text{NaH}_2\text{PO}_4$   |
| 124. | $\text{H}_3\text{PO}_4$       | 133. | $\text{Hg}_2\text{Cl}_2$    |
| 125. | $\text{LiMnO}_4$              | 134. | $\text{Fe}(\text{NO}_2)_2$  |
| 126. | $\text{Fe}_2(\text{HPO}_4)_3$ | 135. | $\text{Cu}(\text{OH})_2$    |
| 127. | $\text{Na}_2\text{CO}_3$      | 136. | $\text{Na}_3\text{PO}_4$    |
| 128. | $\text{MgCO}_3$               | 137. | $\text{Sn}(\text{HCO}_3)_4$ |
| 129. | $\text{Sn}_3(\text{PO}_4)_4$  | 138. | KF                          |
| 130. | $\text{HNO}_3$                | 139. | $\text{CaSO}_4$             |
| 131. | $\text{NaBrO}_3$              | 140. | HCl                         |

- |      |                                   |      |                                   |
|------|-----------------------------------|------|-----------------------------------|
| 141. | $\text{SbCl}_3$                   | 167. | $\text{CrCl}_3$                   |
| 142. | $\text{NH}_4\text{Cl}$            | 168. | $\text{FeCl}_3$                   |
| 143. | $\text{NH}_4\text{NO}_3$          | 169. | $\text{Na}_2\text{C}_2\text{O}_4$ |
| 144. | $\text{IF}_5$                     | 170. | $\text{PbSO}_4$                   |
| 145. | $\text{NaHCO}_3$                  | 171. | $\text{KrF}_2$                    |
| 146. | $\text{HgF}_2$                    | 172. | $\text{NaCl}$                     |
| 147. | $\text{KCl}$                      | 173. | $\text{AlBr}_3$                   |
| 148. | $\text{KMnO}_4$                   | 174. | $\text{Ba}(\text{NO}_3)_2$        |
| 149. | $\text{KClO}_4$                   | 175. | $\text{BrF}_5$                    |
| 150. | $\text{ZnO}$                      | 176. | $\text{P}_4\text{O}_6$            |
| 151. | $\text{NH}_4\text{MnO}_4$         | 177. | $\text{PCl}_3$                    |
| 152. | $\text{Na}_3\text{BO}_3$          | 178. | $\text{PCl}_5$                    |
| 153. | $\text{Ba}_3(\text{PO}_4)_2$      | 179. | $\text{CO}_2(\text{SO}_3)_3$      |
| 154. | $\text{Fe}_2\text{O}_3$           | 180. | $\text{N}_2\text{O}_3$            |
| 155. | $\text{CoF}_3$                    | 181. | $\text{Sn}_3(\text{PO}_4)_2$      |
| 156. | $\text{H}_2\text{CO}_3$           | 182. | $\text{H}_2\text{O}_2$            |
| 157. | $\text{K}_2\text{SO}_4$           | 183. | $\text{Be}(\text{OH})_2$          |
| 158. | $\text{NaHSO}_4$                  | 184. | $\text{Sr}(\text{HCO}_3)_2$       |
| 159. | $\text{PF}_5$                     | 185. | $\text{Sr}(\text{OH})_2$          |
| 160. | $\text{Ag}_2\text{O}$             | 186. | $\text{P}_4\text{S}_{10}$         |
| 161. | $\text{Cu}_2\text{CrO}_4$         | 187. | $\text{Hg}_2\text{O}_2$           |
| 162. | $\text{Ca}(\text{ClO}_4)_2$       | 188. | $\text{Hg}_2(\text{OH})_2$        |
| 163. | $\text{HC}_2\text{H}_3\text{O}_2$ | 189. | $\text{NH}_4\text{F}$             |
| 164. | $\text{LiI}$                      | 190. | $\text{XeF}_6$                    |
| 165. | $\text{HBr}$                      | 191. | $\text{K}_2\text{Cr}_2\text{O}_7$ |
| 166. | $\text{Hg}_2(\text{ClO})_2$       | 192. | $\text{NH}_4\text{OH}$            |

193.  $(\text{NH}_4)_3\text{PO}_4$

194.  $\text{N}_2\text{O}_5$

195.  $\text{SnCrO}_4$

196.  $\text{Al}_2\text{O}_3$

197.  $\text{CuCO}_3$

198.  $\text{KCH}_3\text{COO}$

199.  $\text{CoCl}_3$

200.  $\text{Hg}_3\text{N}_2$

201.  $\text{SiF}_4$

202.  $\text{Sb}_2\text{O}_5$

203.  $\text{LiH}$

204.  $\text{SF}_6$

205.  $\text{KOH}$

206.  $\text{K}_2\text{O}$

207.  $\text{H}_2\text{SO}_4$

C) Write the formulas for the following names:

208. lithium oxide

209. xenon trioxide

210. gold(I) chloride

211. gold(I) cyanide

212. sodium oxide

213. potassium chlorate

214. nickel (II) fluoride

215. potassium cyanide

216. manganese dioxide

217. osmium tetrachloride

218. rubidium carbonate

219. trisulfur dinitride

220. nitrogen trichloride

221. vanadium(V) oxide

222. selenium tetrafluoride

223. stannous hypochlorite

224. tellurium hexafluoride

225. lanthanum (III) phosphate

226. sodium hydrogen sulfate monohydrate

227. chromium(III) monohydrogen phosphate

D) Write the names for the following formulas:

