

Chemistry CP I
Naming Test Part 1

Name: _____

Please write the proper formula indicated by the following names. 2 points each.

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|------------------------------------|---|
| 1. barium fluoride | BaF_2 |
| 2. chromium (III) oxide | Cr_2O_3 |
| 3. indium oxide | In_2O_3 |
| 4. lead (IV) hydride | PbH_4 |
| 5. sodium iodide | NaI |
| 6. calcium dichromate | CaCr_2O_7 |
| 7. iron (III) hydroxide | $\text{Fe}(\text{OH})_3$ |
| 8. calcium chlorate | $\text{Ca}(\text{ClO}_3)_2$ |
| 9. iron (II) bromide octahydrate | $\text{FeBr}_2 \bullet 8 \text{H}_2\text{O}$ |
| 10. sodium sulfite heptahydrate | $\text{Na}_2\text{SO}_3 \bullet 7 \text{H}_2\text{O}$ |
| 11. ammonium hydrogen carbonate | NH_4HCO_3 |
| 12. nickel (II) phosphate | $\text{Ni}_3(\text{PO}_4)_2$ |
| 13. beryllium nitrite | $\text{Be}(\text{NO}_2)_2$ |
| 14. magnesium dihydrogen phosphate | $\text{Mg}(\text{H}_2\text{PO}_4)_2$ |
| 15. nitric acid | $\text{HNO}_3 (\text{aq})$ |
| 16. chlorous acid | $\text{HClO}_2 (\text{aq})$ |
| 17. hydrosulfuric acid | $\text{H}_2\text{S} (\text{aq})$ |
| 18. dinitrogen tetroxide | N_2O_4 |
| 19. triphosphorus pentoxide | P_3O_5 |
| 20. carbon monoxide | CO |
| 21. lithium carbonate | Li_2CO_3 |
| 22. chromium (III) peroxide | $\text{Cr}_2(\text{O}_2)_3$ |
| 23. phosphoric acid | $\text{H}_3\text{PO}_4 (\text{aq})$ |
| 24. carbon tetrachloride | CCl_4 |
| 25. ammonia | NH_3 |

Chemistry CP I
Naming Test Part 2

Name: _____

Please write the proper name indicated by the following formulas. 2 points each.

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| 26. HBr (aq) | hydrobromic acid |
| 27. $\text{HNO}_2 \text{ (aq)}$ | nitrous acid |
| 28. $\text{H}_2\text{SO}_4 \text{ (aq)}$ | sulfuric acid |
| 29. Al_2S_3 | aluminum sulfide |
| 30. SnO_2 | tin (IV) oxide |
| 31. Pb_3P_2 | lead (II) phosphide |
| 32. NiO | nickel (II) oxide |
| 33. Na_2S | sodium sulfide |
| 34. MgCl_2 | magnesium chloride |
| 35. LiCN | lithium cyanide |
| 36. MnHCO_3 | manganese (I) hydrogen carbonate |
| 37. NH_4OH | ammonium hydroxide |
| 38. BaCrO_4 | barium chromate |
| 39. $\text{Na C}_2\text{H}_3\text{O}_2$ | sodium acetate |
| 40. $\text{Li}_2\text{SO}_4 \bullet 8 \text{ H}_2\text{O}$ | lithium sulfate octahydrate |
| 41. $\text{CoF}_3 \bullet 3 \text{ H}_2\text{O}$ | cobalt (III) fluoride trihydrate |
| 42. $\text{MgSO}_3 \bullet 4 \text{ H}_2\text{O}$ | magnesium sulfite tetrahydrate |
| 43. S_2O_2 | disulfur dioxide |
| 44. B_3O_9 | triboron nonoxide |
| 45. XeF_6 | xenon hexafluoride |
| 46. $\text{Li}_2\text{Cr}_2\text{O}_7$ | lithium dichromate |
| 47. NaNO_3 | sodium nitrate |
| 48. $\text{H}_2\text{SO}_3 \text{ (aq)}$ | sulfurous acid |
| 49. $\text{Ni}(\text{ClO}_4)_3$ | nickel (III) perchlorate |
| 50. $\text{Cu}_2\text{S} \bullet 6 \text{ H}_2\text{O}$ | copper (I) sulfide hexahydrate |