

NAME _____ DATE _____

Writing Chemical Formulas

Practice Problems (Level 1)

Write the correct chemical formula for each of the following compounds.

- | | |
|-----------------------|-------------------------|
| 1. potassium bromide | 11. calcium hydroxide |
| 2. lithium iodide | 12. barium sulfide |
| 3. magnesium chloride | 13. zinc bromide |
| 4. hydrogen sulfide | 14. scandium chloride |
| 5. sodium oxide | 15. magnesium oxide |
| 6. calcium fluoride | 16. sodium hydroxide |
| 7. beryllium chloride | 17. gallium iodide |
| 8. aluminum bromide | 18. hydrogen phosphide |
| 9. hydrogen iodide | 19. nitric acid |
| 10. magnesium sulfide | 20. potassium hydroxide |

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Writing Chemical Formulas

Practice Problems (Level 2)

Write the correct chemical formula for each of the following compounds.

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|------------------------|---------------------------|
| 1. potassium sulfate | 11. ammonium fluoride |
| 2. magnesium selenide | 12. calcium sulfate |
| 3. aluminum oxide | 13. magnesium phosphate |
| 4. beryllium hydroxide | 14. acetic acid |
| 5. sodium nitrate | 15. sodium bisulfate |
| 6. phosphoric acid | 16. cupric nitrate |
| 7. tin (IV) chloride | 17. iron (III) sulfite |
| 8. ferric hydroxide | 18. chromium phosphide |
| 9. copper (I) sulfate | 19. strontium bicarbonate |
| 10. scandium sulfide | 20. ammonium phosphate |

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Writing Chemical Formulas

Practice Problems (Level 3)

Write the correct chemical formula for each of the following compounds.

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|--------------------------------|---------------------------------|
| 1. lead (II) bicarbonate | 11. ferric ferrocyanide |
| 2. manganous acetate | 12. potassium uranate |
| 3. disodium hydrogen phosphate | 13. potassium aluminum sulfate |
| 4. perbromic acid | 14. nitrous oxide |
| 5. cupric sulfate pentahydrate | 15. tin (II) permanganate |
| 6. diphosphorus pentoxide | 16. chromic acid |
| 7. ammonium dichromate | 17. sodium dihydrogen phosphate |
| 8. sodium cyanate | 18. cadmium acetate |
| 9. hypochlorous acid | 19. ammonium silicate |
| 10. gold (III) sulfate | 20. iodic acid |