

WORKSHEET 7.C  
FORMULA WRITING - POLYATOMIC IONS

NAME \_\_\_\_\_

DIRECTIONS: Using the ion charge numbers, write the formula and name of the compound formed by the metal and polyatomic ion. Include the ion charge as a part of the formula.

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|---------------------------------------|-----------------------------------|
| 1. Ammonium and sulfate               | 16. Sodium and hydroxide          |
| 2. Potassium and nitrate              | 17. Calcium and carbonate         |
| 3. Lithium and sulfite                | 18. Iron(II) and phosphate        |
| 4. Zinc and acetate                   | 19. Barium and hydrogen carbonate |
| 5. Potassium and chromate             | 20. Strontium and chromate        |
| 6. Nickel(II) and oxalate             | 21. Barium and hydroxide          |
| 7. Hydrogen and sulfate               | 22. Sodium and chlorate           |
| 8. Ammonium and acetate               | 23. Hydrogen and oxalate          |
| 9. Aluminum and phosphate             | 24. Tin(II) and nitrate           |
| 10. Silver and chlorate               | 25. Potassium and hydroxide       |
| 11. Calcium and hypochlorite          | 26. Silver and acetate            |
| 12. Ammonium and carbonate            | 27. Lead(IV) and phosphate        |
| 13. Copper(II) and hydrogen carbonate | 28. Sodium and acetate            |
| 14. Iron (III) and hydrogen carbonate | 29. Zinc and nitrate              |
| 15. Magnesium and nitrite             | 30. Chromium(II) and phosphate    |