

## Exercise 6.3b

### Ionic Names to Formulas

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Per: \_\_\_\_\_

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**DIRECTIONS:** Write the correct empirical formula for each of the following.

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|----------------------------------|-------|-------------------------------|-------|
| 1. Sodium nitrate                | _____ | 28. Manganese (VII) oxide     | _____ |
| 2. Aluminum sulfate              | _____ | 29. Mercury (I) oxide         | _____ |
| 3. Potassium chromate            | _____ | 30. Iron (II) chloride        | _____ |
| 4. Lithium hydroxide             | _____ | 31. Copper (II) chloride      | _____ |
| 5. Ammonium phosphate            | _____ | 32. Tin (II) chloride         | _____ |
| 6. Magnesium nitrate             | _____ | 33. Titanium (IV) iodide      | _____ |
| 7. Sodium monohydrogen phosphate | _____ | 34. Nickel (II) fluoride      | _____ |
| 8. Sodium bicarbonate            | _____ | 35. Manganese (IV) oxide      | _____ |
| 9. Potassium bisulfite           | _____ | 36. Lead (IV) oxide           | _____ |
| 10. Hydrogen acetate             | _____ | 37. Nickel (II) hydroxide     | _____ |
| 11. Lead (II) chromate           | _____ | 38. Mercury (II) oxide        | _____ |
| 12. Copper (II) carbonate        | _____ | 39. Cobalt (III) oxide        | _____ |
| 13. Silver nitrate               | _____ | 40. Copper (II) chlorate      | _____ |
| 14. Ferrous sulfide              | _____ | 41. Cobalt (III) sulfate      | _____ |
| 15. Manganous bromide            | _____ | 42. Manganese (III) hydroxide | _____ |
| 16. Barium sulfite               | _____ | 43. Iron (III) nitrate        | _____ |
| 17. Sodium iodide                | _____ | 44. Tin (IV) nitrate          | _____ |
| 18. Calcium nitrate              | _____ | 45. Cobalt (II) perchlorate   | _____ |
| 19. Zinc hydroxide               | _____ | 46. Chromium (III) sulfate    | _____ |
| 20. Potassium oxalate            | _____ | 47. Iron (II) hydroxide       | _____ |
| 21. Cuprous chloride             | _____ | 48. Copper (II) phosphate     | _____ |
| 22. Manganese (III) chloride     | _____ | 49. Mercury (I) nitrite       | _____ |
| 23. Iron (III) bromide           | _____ | 50. Lead (II) nitrate         | _____ |
| 24. Chromium (III) bromide       | _____ | 51. Mercury (I) sulfate       | _____ |
| 25. Tin (IV) chloride            | _____ | 52. Tin (IV) oxide            | _____ |
| 26. Chromium (III) oxide         | _____ | 53. Manganese (II) bromide    | _____ |
| 27. Lead (II) hydroxide          | _____ | 54. Lithium oxide             | _____ |