

## Writing Formulas for Ionic Compounds Practice

Date \_\_\_\_\_

Last Name \_\_\_\_\_, First \_\_\_\_\_ per \_\_\_\_

Use the table "Ions and their Charges" on page 185 to write the formula and name for the following ionic compounds.

- |                           |                                |                          |       |
|---------------------------|--------------------------------|--------------------------|-------|
| 1. Calcium carbonate      | _____Ca(CO <sub>3</sub> )_____ | 23. Ammonium Oxide       | _____ |
| 2. Magnesium chloride     | _____                          | 24. Ammonium Sulfide     | _____ |
| 3. Lithium oxide          | _____                          | 25. Ammonium Carbonate   | _____ |
| 4. Magnesium sulfide      | _____                          | 26. Ammonium Sulfate     | _____ |
| 5. Aluminum fluoride      | _____                          | 27. Ammonium Phosphate   | _____ |
| 6. Potassium Nitrate      | _____                          | 28. Calcium fluoride     | _____ |
| 7. Ammonium Chloride      | _____                          | 29. Calcium chloride     | _____ |
| 8. Lithium fluoride       | _____                          | 30. Calcium Iodide       | _____ |
| 9. Lithium chloride       | _____                          | 31. Calcium Bicarbonate  | _____ |
| 10. Lithium Iodide        | _____                          | 32. Calcium Nitrate      | _____ |
| 11. Lithium Bicarbonate   | _____                          | 33. Magnesium Oxide      | _____ |
| 12. Lithium Nitrate       | _____                          | 34. Magnesium Chloride   | _____ |
| 13. Sodium Oxide          | _____                          | 35. Magnesium Carbonate  | _____ |
| 14. Sodium Sulfide        | _____                          | 36. Magnesium Sulfate    | _____ |
| 15. Sodium Carbonate      | _____                          | 37. Magnesium Phosphate  | _____ |
| 16. Sodium Sulfate        | _____                          | 38. Aluminum Nitrate     | _____ |
| 17. Sodium Phosphate      | _____                          | 39. Aluminum Oxide       | _____ |
| 18. Potassium fluoride    | _____                          | 40. Aluminum Sulfide     | _____ |
| 19. Potassium chloride    | _____                          | 41. Aluminum Carbonate   | _____ |
| 20. Potassium Iodide      | _____                          | 42. Aluminum Sulfate     | _____ |
| 21. Potassium Bicarbonate | _____                          | 43. Aluminum Phosphate   | _____ |
| 22. Potassium Nitrate     | _____                          | 44. Ammonium Bicarbonate | _____ |