

Part I. Write the chemical name of the following ionic compounds.

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|---------------------------|-----------------------------|-----------------------------|
| 1. RbBr                   | 2. $\text{RaI}_2$           | 3. $\text{Cs}_2\text{Se}$   |
| 4. $\text{AlI}_3$         | 5. AgBr                     | 6. $\text{Fr}_3\text{N}$    |
| 7. SrO                    | 8. $\text{Au}_2\text{S}$    | 9. $\text{Zn}_3\text{P}_2$  |
| 10. NaBr                  | 11. $\text{Co}_3\text{N}_2$ | 12. FeP                     |
| 13. $\text{Cu}_2\text{S}$ | 14. $\text{Fe}_2\text{O}_3$ | 15. $\text{PbO}_2$          |
| 16. $\text{NiCl}_2$       | 17. CrN                     | 18. HgO                     |
| 19. $\text{ZrI}_2$        | 20. MnO                     | 21. $\text{Ti}_3\text{N}$   |
| 22. FeO                   | 23. $\text{SnBr}_2$         | 24. $\text{Cu}_3\text{P}_2$ |
| 25. $\text{SnS}_2$        |                             |                             |

Part II. Write the chemical formulas for the following ionic compounds.

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|-----------------------------|--------------------------|--------------------------|
| 26. Sodium Iodide           | 27. Barium Bromide       | 28. Titanium (III) Oxide |
| 29. Potassium Selenide      | 30. Strontium Hydride    | 31. Calcium Phosphide    |
| 32. Rubidium Sulfide        | 33. Beryllium fluoride   | 34. Cobalt (II) Bromide  |
| 35. Chromium (II) Telluride | 36. Iron (II) Bromide    | 37. Nickel Oxide         |
| 38. Zinc Nitride            | 39. Mercury (I) Sulfide  | 40. Titanium Phosphide   |
| 41. Silver Hydride          | 42. Mercury (II) Nitride | 43. Tin (IV) Oxide       |
| 44. Scandium Phosphide      |                          |                          |

**Answer List**

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|------------------------------------|----------------------------|------------------------------------|
| 1. Rubidium Bromide                | 2. Radium Iodide           | 3. Cesium Selenide                 |
| 4. Aluminum Iodide                 | 5. Silver Bromide          | 6. Francium Nitride                |
| 7. Strontium Oxide                 | 8. Gold Sulfide            | 9. Zinc Phosphide                  |
| 10. Sodium Bromide                 | 11. Cobalt (II) Nitride    | 12. Iron (III) Phosphide           |
| 13. Copper (I) Sulfide             | 14. Iron (III) Oxide       | 15. Lead (IV) Oxide                |
| 16. Nickel (II) Chloride           | 17. Chromium (III) Nitride | 18. Mercury (II) Oxide             |
| 19. Zirconium (II) Iodide          | 20. Manganese (II) Oxide   | 21. Titanium (I) Nitride           |
| 22. Iron (II) Oxide                | 23. Tin (II) Bromide       | 24. Copper (II) Phosphide          |
| 25. Tin (IV) Sulfide               | 26. NaCl                   | 27. BaBr <sub>2</sub>              |
| 28. Ti <sub>2</sub> O <sub>3</sub> | 29. K <sub>2</sub> Te      | 30. SrH <sub>2</sub>               |
| 31. Ca <sub>3</sub> P <sub>2</sub> | 32. Rb <sub>2</sub> S      | 33. BeF <sub>2</sub>               |
| 34. CoBr <sub>2</sub>              | 35. CrTe                   | 36. FeBr <sub>2</sub>              |
| 37. NiO                            | 38. Ca                     | 39. Hg <sub>2</sub> S              |
| 40. Ti <sub>3</sub> P <sub>2</sub> | 41. AgH                    | 42. Hg <sub>3</sub> N <sub>2</sub> |
| 43. SnO <sub>2</sub>               | 44. ScP                    |                                    |