

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

Hour: \_\_\_\_\_ Date: \_\_\_\_\_

### Chemistry: *Ionic Binary Compounds: Multiple-Charge Cations*

*Write the name of each of the following compounds.*

- |                                   |           |
|-----------------------------------|-----------|
| 1. CuF                            | 1. _____  |
| 2. CuF <sub>2</sub>               | 2. _____  |
| 3. Cr <sub>2</sub> O <sub>3</sub> | 3. _____  |
| 4. PbI <sub>2</sub>               | 4. _____  |
| 5. PbCl <sub>4</sub>              | 5. _____  |
| 6. CrO <sub>3</sub>               | 6. _____  |
| 7. AuBr                           | 7. _____  |
| 8. NiO                            | 8. _____  |
| 9. VI <sub>3</sub>                | 9. _____  |
| 10. SnO <sub>2</sub>              | 10. _____ |

*Write the chemical formula for each of the given names.*

- |                              |           |
|------------------------------|-----------|
| 11. manganese (VII) oxide    | 11. _____ |
| 12. niobium (V) chloride     | 12. _____ |
| 13. titanium (III) phosphide | 13. _____ |
| 14. palladium (IV) sulfide   | 14. _____ |
| 15. platinum (II) fluoride   | 15. _____ |
| 16. osmium (III) oxide       | 16. _____ |
| 17. iridium (IV) nitride     | 17. _____ |
| 18. cobalt (II) chloride     | 18. _____ |
| 19. iron (III) sulfide       | 19. _____ |
| 20. gold (III) iodide        | 20. _____ |