

Name: _____
Date: _____

Characterize: Ionic Binary Compounds: Multiple-Charge Cations

Write the name of each of the following compounds:

- | | |
|----------------------------|-----------|
| 1. CaF_2 | 11. _____ |
| 2. CaCl_2 | 12. _____ |
| 3. Cu_2S | 13. _____ |
| 4. Pb_2S | 14. _____ |
| 5. PbCl_2 | 15. _____ |
| 6. CuCl_2 | 16. _____ |
| 7. NiCl_2 | 17. _____ |
| 8. NiS | 18. _____ |
| 9. Sn_2S_3 | 19. _____ |

Write the chemical formula for each of the given names:

- | | |
|----------------------------|-----------|
| 10. manganese (II) oxide | 20. _____ |
| 11. cobalt (II) chloride | 21. _____ |
| 12. barium (II) phosphate | 22. _____ |
| 13. gallium (III) nitride | 23. _____ |
| 14. platinum (II) fluoride | 24. _____ |
| 15. mercury (II) oxide | 25. _____ |
| 16. nickel (III) oxide | 26. _____ |
| 17. cobalt (II) chloride | 27. _____ |
| 18. iron (III) oxide | 28. _____ |
| 19. gold (III) chloride | 29. _____ |