

Exercise 6.3d

Errors in Ionic Formulas & Naming

Name: _____

Date: _____ Per: _____

DIRECTIONS: Each of the following formulas or chemical names contains an error. Correct each example. There may be more than one interpretation of the error and more than one way to correct it.

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|---------------------------------|-----------|
| 1. aluminum (III) iodide | 1. _____ |
| 2. Al_3O_2 | 2. _____ |
| 3. $(\text{NH}_4)_3\text{Cl}_2$ | 3. _____ |
| 4. lead (III) oxide | 4. _____ |
| 5. leadic (IV) oxide | 5. _____ |
| 6. stannous (II) bromide | 6. _____ |
| 7. monocalcium dioxide | 7. _____ |
| 8. $\text{K}(\text{ClO}_2)$ | 8. _____ |
| 9. $(\text{OH})_3\text{Al}$ | 9. _____ |
| 10. $\text{Cr}_4(\text{CN})_3$ | 10. _____ |
| 11. $\text{Pb}(\text{NO}_3)_3$ | 11. _____ |
| 12. copper (I) chloric | 12. _____ |
| 13. ferric (III) oxide | 13. _____ |
| 14. NiNO_{32} | 14. _____ |
| 15. Mg_2F | 15. _____ |
| 16. ironic (III) oxide | 16. _____ |
| 17. ClK | 17. _____ |
| 18. Ca_2O_2 | 18. _____ |
| 19. sodium (I) fluoride | 19. _____ |
| 20. dititanium tetroxide | 20. _____ |
| 21. dipotassium oxide | 21. _____ |
| 22. magnesium hydroxide (II) | 22. _____ |
| 23. cuprous (I) sulfate | 23. _____ |
| 24. strontium difluoride | 24. _____ |
| 25. NO_3Na | 25. _____ |