

Chemistry

Chapter 4 Review: Part 1

Name _____

Date _____ Period _____

I. Name the following compounds:

- | | |
|---------------------------------|--|
| 1. HCl | 19. H_3PO_4 |
| 2. KOH | 20. CsOH |
| 3. HgOH | 21. Li_2O |
| 4. KCl | 22. $\text{Ca}(\text{OH})_2$ |
| 5. FeCl_3 | 23. CaBr_2 |
| 6. HNO_3 | 24. Fe_2O_3 |
| 7. NH_4OH | 25. H_2SO_4 |
| 8. Cu_2O | 26. FeCO_3 |
| 9. $\text{Al}_2(\text{SO}_4)_3$ | 27. SO_3 |
| 10. N_2O_5 | 28. $\text{Ba}(\text{BrO}_3)_2$ |
| 11. NaOH | 29. $\text{Al}(\text{OH})_3$ |
| 12. CO_2 | 30. HClO_4 |
| 13. HF | 31. $\text{NaC}_2\text{H}_3\text{O}_2$ |
| 14. $\text{Pb}(\text{OH})_2$ | 32. Na_2SO_3 |
| 15. NH_4NO_3 | 33. H_2CO_3 |
| 16. NaHCO_3 | 34. HFO_2 |
| 17. HgO | 35. NH_4IO_3 |
| 18. $\text{Zn}(\text{NO}_2)_2$ | 36. LiH |

(continued)

II. Write the correct formula for each of the following compounds:

- | | |
|---------------------------|------------------------------|
| 1. sulfuric acid | 19. calcium oxide |
| 2. sodium hydroxide | 20. hydrosulfuric acid |
| 3. sodium bromide | 21. lithium sulfate |
| 4. barium hydroxide | 22. carbon monoxide |
| 5. sulfur dioxide | 23. copper (II) nitrite |
| 6. iron (II) sulfate | 24. nitrogen dioxide |
| 7. hypochlorous acid | 25. phosphorus trichloride |
| 8. potassium permanganate | 26. sodium phosphate |
| 9. silver chloride | 27. potassium carbonate |
| 10. copper (II) hydroxide | 28. phosphoric acid |
| 11. ammonium sulfide | 29. lead (IV) chloride |
| 12. nickel bromide
II | 30. tin (II) bromide |
| 13. iron (II) oxide | 31. ammonium hydroxide |
| 14. bromic acid | 32. iodic acid |
| 15. mercury (I) sulfate | 33. iron (II) hydroxide |
| 16. iron (III) oxide | 34. carbon dioxide |
| 17. magnesium phosphate | 35. dinitrogen pentoxide |
| 18. nickel II bicarbonate | 36. silver oxide |
| | 37. aluminum nitride |
| | 38. manganese (II) hydroxide |