

NOMENCLATURE REVIEW

Name _____

Molecular Compounds, Ionic Compounds, & Acids

NAME THE FOLLOWING COMPOUNDS:

- | | |
|---------------------------------------|--------------------------------------|
| 1. BaSO_3 | 14. AgNO_3 |
| 2. $(\text{NH}_4)_3\text{PO}_4$ | 15. As_2O_5 |
| 3. PBr_5 | 16. Fe_2O_3 |
| 4. MgSO_4 | 17. HClO |
| 5. CaO | 18. N_2O_3 |
| 6. H_3PO_4 | 19. HF |
| 7. $\text{Na}_2\text{Cr}_2\text{O}_7$ | 20. $\text{H}_2\text{C}_2\text{O}_4$ |
| 8. MgO | 21. NaHCO_3 |
| 9. SO_3 | 22. SiBr_4 |
| 10. $\text{Cu}(\text{NO}_3)_2$ | 23. CuCl_2 |
| 11. HI | 24. HNO_2 |
| 12. N_2O | 25. SnO_2 |
| 13. MnO | 26. BaCrO_4 |

WRITE FORMULAS FOR THE FOLLOWING COMPOUNDS:

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|-----------------------------|----------------------------|
| 27. hydrobromic acid | 40. diphosphorus pentoxide |
| 28. chromium(III) carbonate | 41. sulfurous acid |
| 29. magnesium sulfide | 42. lead(II) nitrate |
| 30. iodine trichloride | 43. dihydrogen monoxide |
| 31. lithium hydride | 44. sodium oxalate |
| 32. ammonium hydroxide | 45. perchloric acid |
| 33. calcium chloride | 46. chlorous acid |
| 34. hydroselenic acid | 47. silicon dioxide |
| 35. iron(II) nitride | 48. carbonic acid |
| 36. aluminum hydroxide | 49. sodium chlorate |
| 37. tin(II) fluoride | 50. xenon hexafluoride |
| 38. sulfur tetrachloride | 51. nickel nitrate |
| 39. mercury(II) iodide | 52. potassium perchlorate |

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ANSWER KEY

- | | |
|----------------------------|---------------------------------------|
| 1. barium sulfite | 27. HBr |
| 2. ammonium phosphate | 28. $\text{Cr}_2(\text{CO}_3)_3$ |
| 3. phosphorus pentabromide | 29. MgS |
| 4. magnesium sulfate | 30. ICl_3 |
| 5. calcium oxide | 31. LiH |
| 6. phosphoric acid | 32. NH_4OH |
| 7. sodium dichromate | 33. CaCl_2 |
| 8. magnesium oxide | 34. H_2Se |
| 9. sulfur trioxide | 35. Fe_3N_2 |
| 10. copper(II) nitrate | 36. $\text{Al}(\text{OH})_3$ |
| 11. hydroiodic acid | 37. SnF_2 |
| 12. dinitrogen monoxide | 38. SCl_4 |
| 13. manganese(II) oxide | 39. HgI_2 |
| 14. silver nitrate | 40. P_2O_5 |
| 15. diarsenic pentoxide | 41. H_2SO_3 |
| 16. iron(III) oxide | 42. $\text{Pb}(\text{NO}_3)_2$ |
| 17. hypochlorous acid | 43. H_2O |
| 18. dinitrogen trioxide | 44. $\text{Na}_2\text{C}_2\text{O}_4$ |
| 19. hydrofluoric acid | 45. HClO_4 |
| 20. oxalic acid | 46. HClO_2 |
| 21. sodium bicarbonate | 47. SiO_2 |
| 22. silicon tetrabromide | 48. H_2CO_3 |
| 23. copper(II) chloride | 49. NaClO_3 |
| 24. nitrous acid | 50. XeF_6 |
| 25. tin(IV) oxide | 51. $\text{Ni}(\text{NO}_3)_2$ |
| 26. barium chromate | 52. KClO_4 |