

**Homework. Name each compound. (These are a mixed selection of the five types above)**

- |           |   |           |   |
|-----------|---|-----------|---|
| 1. _____  | Ag <sub>2</sub> S                               | 29. _____ | HClO <sub>4</sub>                               |
| 2. _____  | Al <sub>2</sub> O <sub>3</sub>                  | 30. _____ | Ti(CN) <sub>4</sub>                             |
| 3. _____  | SO <sub>2</sub>                                 | 31. _____ | PCl <sub>3</sub>                                |
| 4. _____  | Fe(OH) <sub>2</sub>                             | 32. _____ | Co(NO <sub>3</sub> ) <sub>2</sub>               |
| 5. _____  | CrCl <sub>3</sub>                               | 33. _____ | Al(ClO <sub>4</sub> ) <sub>3</sub>              |
| 6. _____  | CaF <sub>2</sub>                                | 34. _____ | AgNO <sub>3</sub>                               |
| 7. _____  | PCl <sub>5</sub>                                | 35. _____ | Au <sub>2</sub> S <sub>3</sub>                  |
| 8. _____  | XeF <sub>4</sub>                                | 36. _____ | (NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub> |
| 9. _____  | (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> | 37. _____ | NaOH  |
| 10. _____ | Hg <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> | 38. _____ | UF <sub>6</sub>                                 |
| 11. _____ | NiBr <sub>3</sub>                               | 39. _____ | MgI <sub>2</sub>                                |
| 12. _____ | SF <sub>6</sub>                                 | 40. _____ | CsNO <sub>3</sub>                               |
| 13. _____ | CuCl  | 41. _____ | N <sub>2</sub> O <sub>5</sub>                   |
| 14. _____ | NaC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>  | 42. _____ | CuSO <sub>4</sub>                               |
| 15. _____ | AsI <sub>3</sub>                                | 43. _____ | H <sub>2</sub> SeO <sub>4</sub>                 |
| 16. _____ | OF <sub>2</sub>                                 | 44. _____ | P <sub>4</sub> O <sub>6</sub>                   |
| 17. _____ | HgSO <sub>4</sub>                               | 45. _____ | MnO <sub>2</sub>                                |
| 18. _____ | H <sub>2</sub> CO <sub>3</sub>                  | 46. _____ | Ni <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> |
| 19. _____ | Fe <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> | 47. _____ | Na <sub>2</sub> SO <sub>3</sub>                 |
| 20. _____ | K <sub>2</sub> CrO <sub>4</sub>                 | 48. _____ | Cu(CN) <sub>2</sub>                             |
| 21. _____ | H <sub>2</sub> S                                | 49. _____ | PbCO <sub>3</sub>                               |
| 22. _____ | N <sub>2</sub> O                                | 50. _____ | OF <sub>2</sub>                                 |
| 23. _____ | CuClO <sub>3</sub>                              | 51. _____ | NaCl  |
| 24. _____ | Zn(OH) <sub>2</sub>                             | 52. _____ | H <sub>2</sub> C <sub>2</sub> O <sub>4</sub>    |
| 25. _____ | AgC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>  | 53. _____ | K <sub>3</sub> PO <sub>4</sub>                  |
| 26. _____ | TiCl <sub>4</sub>                               | 54. _____ | HNO <sub>2</sub>                                |
| 27. _____ | BaS   | 55. _____ | TeCl <sub>2</sub>                               |
| 28. _____ | Pb <sub>3</sub> (PO <sub>4</sub> ) <sub>4</sub> | 56. _____ | H <sub>3</sub> AsO <sub>3</sub>                 |
| 57. _____ | CsClO <sub>4</sub>                              | 69. _____ | Cu <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> |
| 58. _____ | XeCl <sub>4</sub>                               | 70. _____ | P <sub>2</sub> O <sub>5</sub>                   |
| 59. _____ | Fe(NO <sub>3</sub> ) <sub>3</sub>               | 71. _____ | Pb(MnO <sub>4</sub> ) <sub>4</sub>              |
| 60. _____ | Fe(NO <sub>2</sub> ) <sub>3</sub>               | 72. _____ | SnCrO <sub>4</sub>                              |
| 61. _____ | FeN   | 73. _____ | AuCl <sub>3</sub>                               |
| 62. _____ | NH <sub>4</sub> OH                              | 74. _____ | PbCrO <sub>4</sub>                              |
| 63. _____ | Mn(OH) <sub>2</sub>                             | 75. _____ | Na <sub>2</sub> S                               |
| 64. _____ | KClO  | 76. _____ | MgCO <sub>3</sub>                               |
| 65. _____ | KClO <sub>2</sub>                               | 77. _____ | U(SO <sub>4</sub> ) <sub>3</sub>                |
| 66. _____ | KClO <sub>3</sub>                               | 78. _____ | SO <sub>3</sub>                                 |
| 67. _____ | KClO <sub>4</sub>                               | 79. _____ | NaCN  |
| 68. _____ | Cl <sub>2</sub>                                 | 80. _____ | Na <sub>2</sub> O <sub>2</sub>                  |