

# NOMENCLATURE      ASSIGNMENT      MIXED NAMING

## COMPLETE IN PEN

Remember: multivalent metals, polyatomics, common names, reduced formulas!!

- |                               |                             |
|-------------------------------|-----------------------------|
| 1. $\text{MgClO}_3$           | 19. Magnesium chlorate      |
| 2. $\text{Fe}(\text{NO}_2)_2$ | 20. Gold (II) sulfide       |
| 3. $\text{CaF}_2$             | 21. Phosphorus triiodide    |
| 4. $\text{CrCl}_2$            | 22. disulfur hexoxide       |
| 5. $\text{SO}_3$              | 23. strontium phosphide     |
| 6. $\text{NH}_3$              | 24. silicon dioxide         |
| 7. $\text{H}_2\text{O}_2$     | 25. Beryllium oxide         |
| 8. $\text{AuS}$               | 26. Calcium chlorite        |
| 9. $\text{N}_2\text{Cl}_6$    | 27. Chlorine                |
| 10. $\text{Li}_2\text{S}$     | 28. Sodium bromide          |
| 11. $\text{Mg}(\text{OH})_2$  | 29. lead (IV) oxide         |
| 12. $\text{SrCO}_3$           | 30. ammonium fluoride       |
| 13. $\text{PI}_3$             | 31. dinitrogen trisulfide   |
| 14. $\text{Li}_3\text{N}$     | 32. potassium cyanide       |
| 15. $\text{SnS}_2$            | 33. ammonia                 |
| 16. $\text{N}_3\text{I}_5$    | 34. chlorine dioxide        |
| 17. $\text{O}_2$              | 35. chromium (II) hydroxide |
| 18. $(\text{NH}_4)_2\text{S}$ | 36. hexaboron silicide      |
|                               | 37. Mercury cyanide         |

**IONIC AND MOLECULAR SPOT THE ERROR**

Name > Formula	Error	Corrected!
1. Copper (II) chlorine > $\text{CuCl}_2$		
2. Strontium hydroxide > $\text{SrOH}_2$		
3. Aluminum sulfate > $\text{Al}_2 (\text{SO}_4)_3$		
4. Potassium carbide > $\text{K}_2\text{CO}_3$		
5. Mononitrogen dioxide > $\text{NO}_2$		
6. Carbon oxide > $\text{CO}$		
7. Triphosphorous heptanitride > $\text{P}_3\text{N}_6$		
8. Dioxide > $\text{O}_2$		
9. Carbon fluoride > $\text{CF}_4$		