

NOMENCLATURE DRILL SHEET

I. FORMULA NAMING (SALTS)

	COMMON CLASSICAL	IUPAC STOCK
1. $\text{Sn}(\text{NO}_3)_2$	_____	_____
2. Au_2CrO_4	_____	_____
3. $\text{Fe}(\text{CNO})_2$	_____	_____
4. Cu_2SO_3	_____	_____
5. $\text{Co}(\text{HSO}_4)_3$	_____	_____
6. $\text{Mn}_3(\text{PO}_3)_4$	_____	_____
7. NiBr_4	_____	_____

II. FORMULA WRITING (SALTS)

1. Ammonium carbonate _____
2. Cesium tartrate _____
3. Sodium peroxide _____
4. Calcium dihydrogenphosphate _____
5. Mercurous cyanide _____
6. Arsenic (III) molybdate _____

III. FORMULA NAMING (ACIDS -aqueous)

1. HNO_3 _____
2. HClO_4 _____
3. H_3PO_4 _____
4. $\text{H}_2\text{S}_{\text{aq}}$ _____
5. HBr_{aq} _____

IV. FORMULA NAMING (BASES - classical)

1. NH_4OH _____
2. LiOH _____
3. $\text{Sb}(\text{OH})_3$ _____
4. $\text{Ba}(\text{OH})_2$ _____
5. $\text{Zn}(\text{OH})_2$ _____

V. FORMULA NAMING (MOLECULAR COMPOUNDS - gas)

- | | |
|------------------------------------|---------------------------------|
| 1. P_4O_{10} _____ | 3. S_4N_4 _____ |
| 2. IF_5 _____ | 4. HCl_g _____ |

VI. FORMULA WRITING (ACIDS, BASES, MOLECULAR COMPOUNDS)

- | | |
|-----------------------------|-----------------------------------|
| 1. hydroiodic acid _____ | 6. boron trifluoride _____ |
| 2. calcium hydroxide _____ | 7. dinitrogen tetroxide _____ |
| 3. sulfurous acid _____ | 8. phosphorus pentachloride _____ |
| 4. hypobromous acid _____ | 9. strontium hydroxide _____ |
| 5. stannous hydroxide _____ | 10. hydrocyanic acid _____ |