

## NOMENCLATURE DRILL SHEET

### I. FORMULA NAMING (SALTS)

	COMMON CLASSICAL	IUPAC STOCK
1. $\text{Sn}(\text{NO}_3)_2$	_____	_____
2. $\text{Au}_2\text{CrO}_4$	_____	_____
3. $\text{Fe}(\text{CNO})_2$	_____	_____
4. $\text{Cu}_2\text{SO}_3$	_____	_____
5. $\text{Co}(\text{HSO}_4)_3$	_____	_____
6. $\text{Mn}_3(\text{PO}_3)_4$	_____	_____
7. $\text{NiBr}_4$	_____	_____

### 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.  $\text{HNO}_3$  \_\_\_\_\_
2.  $\text{HClO}_4$  \_\_\_\_\_
3.  $\text{H}_3\text{PO}_4$  \_\_\_\_\_
4.  $\text{H}_2\text{S}_{\text{aq}}$  \_\_\_\_\_
5.  $\text{HBr}_{\text{aq}}$  \_\_\_\_\_

### IV. FORMULA NAMING (BASES - classical)

1.  $\text{NH}_4\text{OH}$  \_\_\_\_\_
2.  $\text{LiOH}$  \_\_\_\_\_
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. $\text{P}_4\text{O}_{10}$ _____ | 3. $\text{S}_4\text{N}_4$ _____ |
| 2. $\text{IF}_5$ _____             | 4. $\text{HCl}_g$ _____         |

### 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 _____        |