

**CHE 101 - Naming Practical
Version 1**

Name: _____

Date: _____

1. Give the formula for the following compounds:

- | | |
|------------------------------|------------|
| (a) Vanadium (III) Phosphate | 1(a) _____ |
| (b) Iron (III) Nitrite | 1(b) _____ |
| (c) Calcium Permanganate | 1(c) _____ |
| (d) Lead (II) Thiocyanate | 1(d) _____ |
| (e) Magnesium Chloride | 1(e) _____ |
| (f) Arsenic (III) Carbonate | 1(f) _____ |
| (g) Dicarbon Pentoxide | 1(g) _____ |
| (h) Sulfuric Acid | 1(h) _____ |
| (i) Silver Iodide | 1(i) _____ |
| (j) Calcium Oxide | 1(j) _____ |
| (k) Hydrochloric Acid | 1(k) _____ |
| (l) Tin (IV) Dichromate | 1(l) _____ |
| (m) Beryllium Chlorite | 1(m) _____ |
| (n) Gold (I) Oxide | 1(n) _____ |
| (o) Ammonium Sulfate | 1(o) _____ |
| (p) Cobalt (II) Cyanide | 1(p) _____ |
| (q) Sodium Carbonate | 1(q) _____ |
| (r) Chlorine Difluoride | 1(r) _____ |
| (s) Nitrogen Trioxide | 1(s) _____ |
| (t) Lithium Oxide | 1(t) _____ |

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2. Give the IUPAC name for the following compounds:

- | | |
|---|------------|
| (a) $\text{Sb}_2(\text{S}_2\text{O}_3)_5$ | 2(a) _____ |
| (b) AlPO_4 | 2(b) _____ |
| (c) Na_2SO_4 | 2(c) _____ |
| (d) B_2O_7 | 2(d) _____ |
| (e) PbCrO_4 | 2(e) _____ |
| (f) AsPO_4 | 2(f) _____ |
| (g) NH_4Cl | 2(g) _____ |
| (h) SnF_4 | 2(h) _____ |
| (i) AgCl | 2(i) _____ |
| (j) VO_3 | 2(j) _____ |
| (k) $\text{Co}(\text{NO}_3)_3$ | 2(k) _____ |
| (l) H_3PO_4 | 2(l) _____ |
| (m) CrO_2 | 2(m) _____ |
| (n) CO_4 | 2(n) _____ |
| (o) CuSO_4 | 2(o) _____ |
| (p) BaCO_3 | 2(p) _____ |
| (q) SO_4^{-2} | 2(q) _____ |
| (r) HF | 2(r) _____ |
| (s) SnO_2 | 2(s) _____ |
| (t) AuCl | 2(t) _____ |