

**CHE 101 - Naming Practical
Version 2**

Name: _____

Date: _____

1. Give the formula for the following compounds:

- | | |
|--------------------------------------|------------|
| (a) Lithium Phosphate | 1(a) _____ |
| (b) Beryllium Fluoride | 1(b) _____ |
| (c) Magnesium Sulfite | 1(c) _____ |
| (d) Phosphoric Acid | 1(d) _____ |
| (e) Cadmium Carbonate | 1(e) _____ |
| (f) Tetraphosphorus Heptoxide | 1(f) _____ |
| (g) Lead (II) Chloride | 1(g) _____ |
| (h) Cobalt (II) Oxide | 1(h) _____ |
| (i) Chromium (III) Phosphate | 1(i) _____ |
| (j) Sodium Sulfide | 1(j) _____ |
| (k) Vanadium (II) Hydroxide | 1(k) _____ |
| (l) Hydrobromic Acid | 1(l) _____ |
| (m) Aluminum Arsenate | 1(m) _____ |
| (n) Trichloride Difluoride | 1(n) _____ |
| (o) Ammonium Carbonate | 1(o) _____ |
| (p) Phosphorous Pentoxide | 1(p) _____ |
| (q) Iron (V) Hydroxide | 1(q) _____ |
| (r) Titanium (IV) Hydrogen Phosphate | 1(r) _____ |
| (s) Iron (III) Sulfate | 1(s) _____ |
| (t) Barium Sulfide | 1(t) _____ |

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2. Give the IUPAC name for the following compounds:

- | | |
|---------------------------------------|------------|
| (a) CO_3^{-2} | 2(a) _____ |
| (b) TiCl_4 | 2(b) _____ |
| (c) SnSCN | 2(c) _____ |
| (d) SbS | 2(d) _____ |
| (e) BaCrO_4 | 2(e) _____ |
| (f) $\text{Sb}_2(\text{SO}_4)_3$ | 2(f) _____ |
| (g) NO_3 | 2(g) _____ |
| (h) $\text{Au}_2\text{S}_2\text{O}_3$ | 2(h) _____ |
| (i) SnO_2 | 2(i) _____ |
| (j) $\text{As}_2(\text{CO}_3)_3$ | 2(j) _____ |
| (k) VO_2 | 2(k) _____ |
| (l) HI | 2(l) _____ |
| (m) $\text{Zn}(\text{OH})_2$ | 2(m) _____ |
| (n) H_2CO_3 | 2(n) _____ |
| (o) Cu_2O | 2(o) _____ |
| (p) $(\text{NH}_4)_2\text{O}$ | 2(p) _____ |
| (q) KCl | 2(q) _____ |
| (r) HgCl | 2(r) _____ |
| (s) SiCl_4 | 2(s) _____ |
| (t) Li_2O | 2(t) _____ |