

Nomenclature Worksheet
Chem 1020

Name _____

1. Write formulas for the following compounds:

- | | | | |
|-------------------------|-------|--------------------------|-------|
| a) lithium bromide | _____ | b) copper (II) chloride | _____ |
| c) barium phosphate | _____ | d) cesium carbonate | _____ |
| e) magnesium nitrate | _____ | f) potassium sulfate | _____ |
| g) iron (III) oxide | _____ | h) aluminum iodide | _____ |
| i) ammonium acetate | _____ | j) calcium hydroxide | _____ |
| k) zinc oxide | _____ | l) silver sulfide | _____ |
| m) carbon tetrachloride | _____ | n) sulfur hexafluoride | _____ |
| o) dinitrogen pentoxide | _____ | p) phosphorus tribromide | _____ |
| q) sodium bicarbonate | _____ | r) nitric acid | _____ |
| s) hydrofluoric acid | _____ | | |

2. Name the following compounds with the *correct spelling*:

- | | | | |
|--|-------|---------------------------------|-------|
| a) $(\text{NH}_4)_2\text{SO}_4$ | _____ | b) Fe_2S_3 | _____ |
| c) $\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2$ | _____ | d) Na_3PO_4 | _____ |
| e) Li_2SO_4 | _____ | f) $\text{Zn}(\text{NO}_3)_2$ | _____ |
| g) $\text{Al}_2(\text{CO}_3)_3$ | _____ | h) Cu_3P | _____ |
| i) KOH | _____ | j) $\text{Ca}(\text{HCO}_3)_2$ | _____ |
| k) P_2O_5 | _____ | l) $\text{Sr}_3(\text{PO}_4)_2$ | _____ |
| m) CO | _____ | n) Cl_2O | _____ |
| o) MgCO_3 | _____ | p) H_2O | _____ |
| q) H_3PO_4 | _____ | r) $\text{HI}(\text{aq})$ | _____ |