

Nomenclature Worksheet
Chem 1020

Name _____

1. Write formulas for the following compounds:

- | | |
|--|-----------------------------|
| a) LiBr | b) CuCl_2 |
| c) $\text{Ba}_3(\text{PO}_4)_2$ | d) Cs_2CO_3 |
| e) $\text{Mg}(\text{NO}_3)_2$ | f) K_2SO_4 |
| g) Fe_2O_3 | h) AlI_3 |
| i) $\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$ | j) $\text{Ca}(\text{OH})_2$ |
| k) ZnO | l) Ag_2S |
| m) CCl_4 | n) SF_6 |
| o) N_2O_5 | p) PBr_3 |
| q) NaHCO_3 | r) HNO_3 |
| s) HF (aq) | |

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

- | | |
|---------------------------|---|
| a) ammonium sulfate | b) iron (III) sulfide |
| c) calcium acetate | d) sodium phosphate |
| e) lithium sulfate | f) zinc nitrate |
| g) aluminum carbonate | h) copper (I) phosphide |
| i) potassium hydroxide | j) calcium bicarbonate
or calcium hydrogen carbonate |
| k) diphosphorus pentoxide | l) strontium phosphate |
| m) carbon monoxide | n) dichlorine oxide |
| o) magnesium carbonate | p) water or dihydrogen monoxide |
| q) phosphoric acid | r) hydroiodic acid |