

## Quiz 2: Nomenclature and the Periodic Table (10 pts)

1. For each of the following, give the appropriate formula (4 pt):
  - a. hydrobromic acid
  - b. ammonium oxalate
  - c. ferrous perchlorate hexahydrate
  - d. potassium chromate
2. For each of the following write the appropriate name (4 pt):
  - a.  $\text{LiHCO}_3$
  - b.  $\text{SO}_3$
  - c.  $\text{H}_3\text{PO}_4$
  - d.  $\text{HgS}$
3. Write the **name** of the chalcogen element in the 3<sup>rd</sup> period. (1 pt)
4. Identify the special group(s) of elements that gadolinium is a member of (as many as you can!) (1 pt)