

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

1. For each of the following, give the appropriate formula (4 pt):
 - a. phosphoric acid
 - b. potassium carbonate
 - c. diphosphorus pentoxide
 - d. copper (II) acetate tetrahydrate
2. For each of the following write the appropriate name (4 pt):
 - a. $\text{Cr}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$
 - b. SeBr_4
 - c. Li_2O_2
 - d. NaHSO_4
3. Write the **name** of the alkaline earth metal in the 3rd period. (1 pt)
4. Identify the special group(s) of elements that gadolinium is a member of (as many as you can!) (1 pt)