**Percent Composition Quiz**

1. **What is the percent composition of Nitric Acid?**
2. **If you had 660g of nitric acid, what mass of nitrogen would you have?**
3. **What is the molecular formula for a compound that is 50.7% C, 4.2% H, 45.1% O with a molar mass of 142g?**
4. **A 20g compound of nitrogen and sulfur is decomposed to produce 14g of nitrogen. What is the percent composition of the compound?**
5. **Tell the reaction type for each of the following:**
   1. **Na2S + Cd(NO3)2 -> CdS + 2NaNO3**
   2. **HgO(s) -> Hg(l) + O2(g)**
   3. **K(s) + H2O(l) -> KOH(aq) + H2(g)**
   4. **Zn + Cu(NO3)2 -> Cu(s) + Zn(NO3)2**