1. Calculate the % composition of each element, and then B) calculate the grams of the element in the amount of compound given. SHOW YOUR WORK!
2. A) What is the % composition of the elements of sodium hydroxide, and B) how many grams of oxygen are in 142 g of sodium hydroxide?
3. A) What is the % composition of lead (IV) chromate, and B) how many grams of lead are in 247 g of lead (IV) chromate?
4. A) What is the % composition of pentanitrogen trioxide, and B) how many grams of oxygen are in 14.2 g of pentanitrogen trioxide?
5. A) What is the % composition of sulfurous acid, and B) how many grams of hydrogen are in 67.8 g of sulfurous acid?
6. A) What is the % composition of magnesium hydroxide, and B) how many grams of magnesium are in 193.0 g of magnesium hydroxide?
7. A) What is the % composition of hydronitric acid, and B) how many grams of nitrogen are in 84.6 g of hydronitric acid?
8. A) What is the % composition of tin (II) phosphate, and B) how many grams of phosphorus are in 467.3 g of tin (II) phosphate?
9. A) What is the % composition of aluminum permanganate, and B) how many grams of oxygen are in 356.9 g of aluminum permanganate?