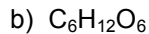


1) Find the percent composition by mass of each element in the following compounds:



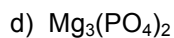
%Mg:

%F:

%C:

%H:

%O:



%N:

%H:

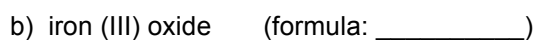
%S:

%Mg:

%P:

%O:

2) Find the mass percent of iron (Fe) in the following compounds:



3) Find the mass percent of oxygen (O) in hydrogen peroxide ( $\text{H}_2\text{O}_2$ ):

5) A sample of lead (?) oxide is found to contain 13.4% oxygen by mass. Is this lead (II) or lead (IV) oxide?

6) How many grams of oxygen (O) are in 250. grams of MgO (magnesium oxide)?

7) How many grams of sulfur (S) are in 3.45 grams of  $\text{SO}_2$ ?