

Name: _____

Date: _____

Percent Composition Worksheet

1. Calculate the molar mass for the following compounds



2. Calculate the percent composition of carbon for the following compounds.



3. Calculate the percent composition of nitrogen for the following compounds.



4. Calculate the percent composition for each element in $\text{C}_6\text{H}_{12}\text{O}_6$ Glucose.

5. You complete a synthesis reaction involving nitrogen and oxygen. If you had 28 g of nitrogen and 80 g of oxygen combining in a reaction vessel. What is the % nitrogen and % oxygen by mass? What is the likely chemical formula of the product if all of the reactants were used up?