

Name _____

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Chemistry L3 Worksheet: Percent composition

1. What is the percent composition by mass of the following compounds (given masses):
ex. 8.20 g Mg and 5.40 g of O → 60.0% Mg, 40.0% O



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



4. Calculate the percent composition for each element in C₆H₁₂O₆ Glucose.

5. You complete a synthesis reaction involving nitrogen and oxygen. If you have 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?