

Messing With Mixtures

Name _____

Part A: Hit The Trail!

- (1) Look at the mixture in Bag A. What do you see?
- (2) Would this mixture be classified as a heterogeneous or homogeneous mixture? Give a reason for your answer.
- (3) What is the total mass of your mixture? Be sure to subtract the mass of the ziploc bag. Record this amount in the "Mass of Mixture" column of the chart.
- (4) Separate the parts of the mixture and find the mass of each group. Use the formula provided to calculate the percentage for each part of the mixture. Record your data in the chart.

Name	Mass (g)	Mass of Mixture (g)	% of Mixture

FORMULA → $\text{Mass of substance (g)} \div \text{Mass of mixture (g)} \times 100$ Total =

Round final percentages to the nearest hundredth!