

Mixing Matter Observations

Directions:

1. Write the weight of the 8-oz. and 3-oz. cups from the class measurement.
2. For each substance, calculate the final weight of the substance and water by using the formulas shown below.
3. For each substance, write your observations of the substance before you add the water and then after the water has been added.

Clear 8-oz. plastic cup weight: _____ Small 3-oz. cup weight: _____

Matter	A Weight of 3-oz. cup	B Weight of cup + substance	C Weight of Substance (B-A=C)	D Weight of 8-oz. cup	E Weight of cup + water	F Weight of water (E-D=F)	G Weight of water and substance (C+F=G)
Flour							

Observations before and after mixing with water:

Baking Soda							
------------------------	--	--	--	--	--	--	--

Observations before and after mixing with water:

Mixing Matter Observations (continued)

Matter	A Weight of 3-oz. cup	B Weight of cup + substance	C Weight of Substance (B-A=C)	D Weight of 8-oz. cup	E Weight of cup + water	F Weight of water (E-D=F)	G Weight of water and substance (C+F=G)
Sugar							
Observations before and after mixing with water:							
Sand							
Observations before and after mixing with water:							
Drink Mix or Tea							
Observations before and after mixing with water:							