Introduction to Matter Activity

Objective: Model 1 represents the classification of matter. Using the model, you will visit each station and determine if the substances are elements, compounds, heterogeneous or homogeneous mixtures. There are 2 substances at each station and they may or may not be of the same classification. Once you have completed your chart, you will analyze your data and answer the questions.



Name:



Matter Activity

Station Number/ Identity of Substance	Description/Observations	Classification (Element, Compound, Homogeneous Mixture,	How do you know?
1		neterogeneous mixture)	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

Name:		
13		
14		

Questions:

- 1. How could you tell a substance is an element?
- 2. What phases can elements be in?
- 3. How could you tell a substance is a compound?
- 4. What phases can compound be in?
- 5. How could you tell a sample is a mixture?
- 6. What phases can mixtures be in?
- 7. How do you know the difference between a homogeneous and heterogeneous mixture?