

Name _____ Date _____ Hour _____

Classification of Matter Lab Practical

Hypothesis: Physical properties can be used to determine the type of matter a substance is.

Procedure:

1. Make observations of physical properties of each of the 18 different substances.
2. Record your observations in the data table.
3. Identify the different elements, compounds, and mixtures. If the substance is a mixture make sure to determine if it is heterogeneous or homogeneous.

Substance Name	Description of beaker Contents Be as descriptive as possible.	Type of Substance Element, Compound, Heterogeneous or Homogeneous
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		

Analysis Questions: Answer in complete sentences on a separate sheet of paper. Staple to the back of your lab worksheet.

1. Which of the samples would be considered pure matter?
2. Which of the substances might be considered a suspension? Why?
3. Which substances were the most difficult to classify? Why?