

MINI-Lab**Chapter 15****Classification of Matter**

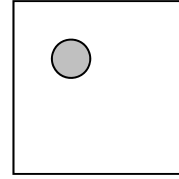
There are 15 petri dishes with "particles" inside. Identify whether each sample is a mixture, element, or a compound. Place your observations in the table below.

Dish Number	Particles are all the same or different (Same) or (Different) <i>If they are different, go to the last column</i>	If they are the same, is each particle is made if 1 kind of atom or more than 1 kind of atom (1 kind) or (More than 1)	Classification (Mixture of what), (Element), or (Compound)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

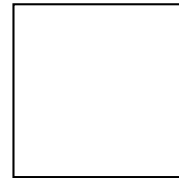
Classification of Matter

Write the meaning of each term in the spaces below. Draw a picture of each using circles for atoms.

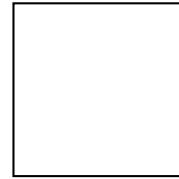
1. Atom _____



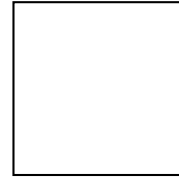
2. Element _____



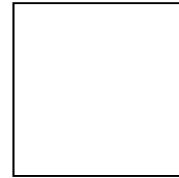
3. Molecule _____



4. Compound _____



5. Heterogeneous mixture _____



6. Homogeneous mixture _____

