

## A Classification Scheme

The following table represents a way of classifying substances according to certain properties of matter. In the left column are several characteristics. Read across the table and determine if each type of matter given in the column head possesses that characteristic. Place a check in the appropriate box if it does.

Characteristic	Heterogeneous Mixture	Homogeneous Mixture	Solution	Compound
1. Does not settle out on standing				
2. Scatters light				
3. Can separate when allowed to stand				
4. Contains only fixed amounts of components				
5. Often appears cloudy				
6. Components do not lose their own properties				
7. Looks the same throughout				
8. Amounts of different components may vary				