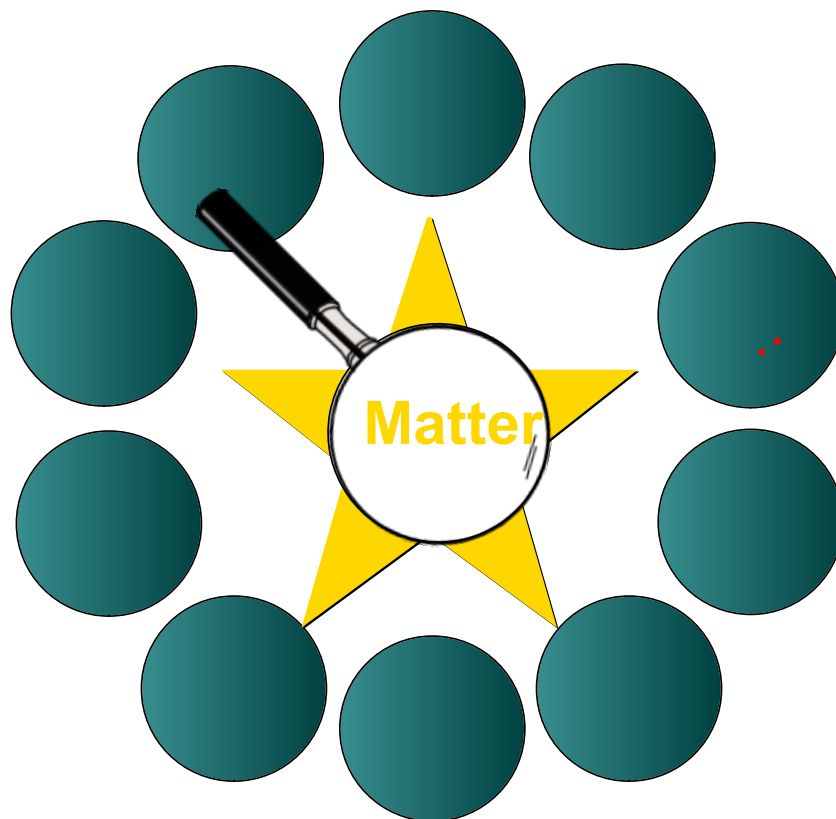


# What am I?





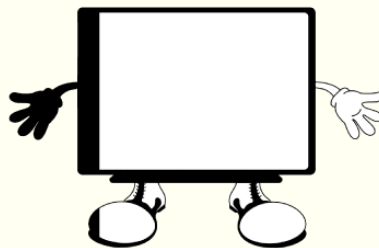
# What is matter?



- Matter is anything that has mass and volume
- Everything in the universe is matter except energy



## Classify the following as Matter or Non matter



Loading 25%



# Classifying Matter

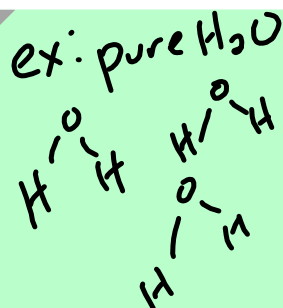
BP. 100°C  
MP. 0°C  
 $H_2O$   
 $H-O-H$   
Pure Substance

Matter

alloy  
- mixture of metals (brass)  
Mixture  
salt water

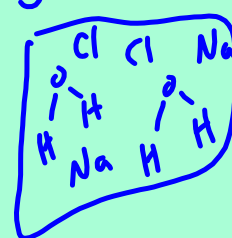
Made of 1 kind  
of material and  
has definite  
properties

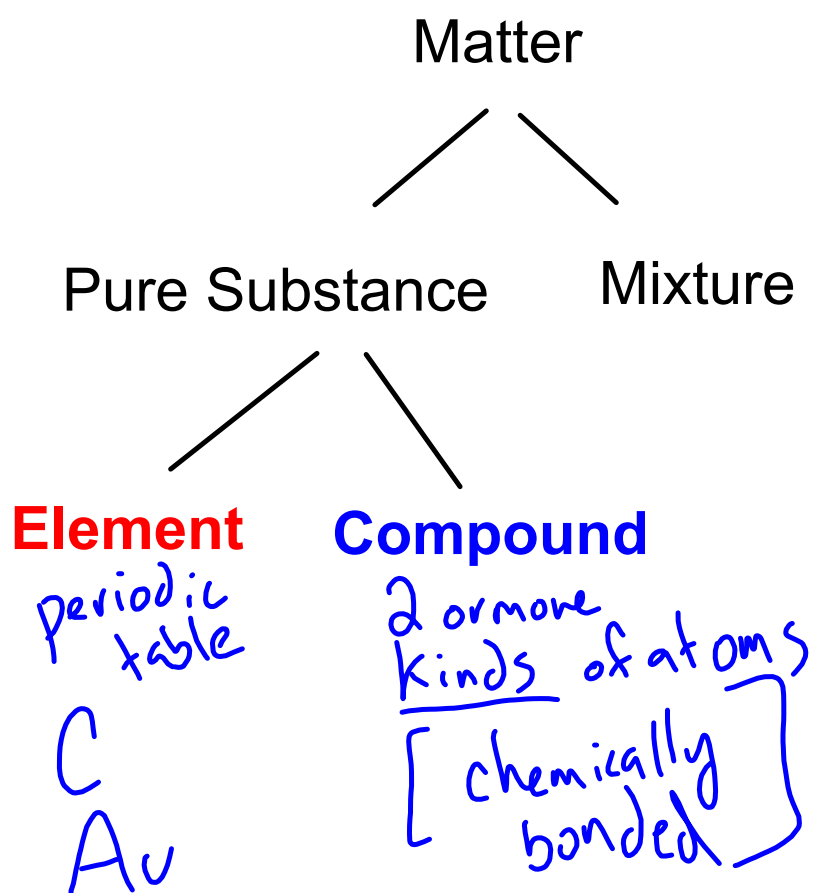
Cannot be  
separated by  
physical  
processes



2 or more  
substances  
physically  
combined

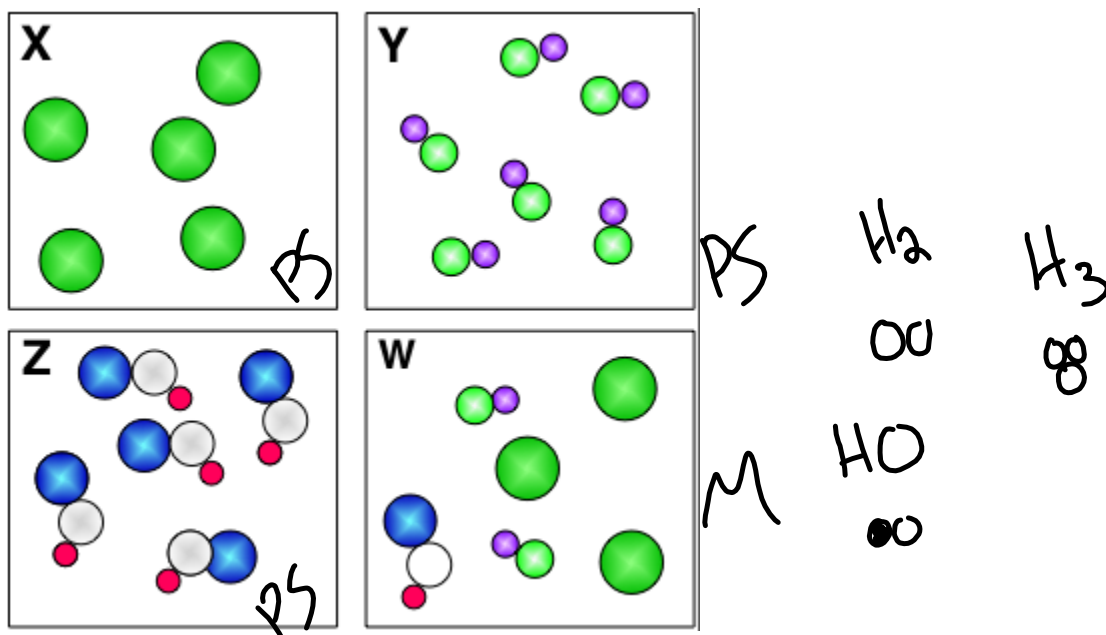
Can be  
separated by  
physical  
processes





Classify the Following Substances as  
Elements, Compounds, and Mixtures





- 1.a. Classify each as pure substance or mixture
- b. If pure substance, classify as element or compound
- c. If mixture, classify as mixture of elements, mixture of compounds, or mixture of both