

Matter	Pure Substance	Matter	Pure Substance
Compound	Can it be broken down by chemical means?	Compound	Can it be broken down by chemical means?
Element		Element	
Granite	Heterogeneous Mixture	Granite	Heterogeneous Mixture
Mixture		Mixture	
Aluminum	Salt Water	Aluminum	Salt Water
Water	Oil and Vinegar	Water	Oil and Vinegar
Sodium		Sodium	
Gold	Is the mixture uniform?	Gold	Is the mixture uniform?
Yes	Can it be separated physically?	Yes	Can it be separated physically?
Air		Air	
No	Homogeneous Mixture	No	Homogeneous Mixture
Yes		Yes	
No		No	
No		No	
Yes		Yes	