

Mixture~ is a physical combination of two or more substances that do not form a new substance

In other words...I can add more raisins, but it will still be trail mix



No Mixture is pure

The properties of a mixture blend the properties of its parts.



clay (can get you dirty)



muddy water (can get you dirty and wet)

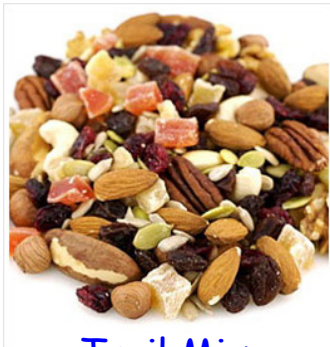


water (can get you wet)

Heterogeneous Mixtures~

different
make-up

In a heterogeneous mixture particles are **BIG** enough to see



Trail Mix



Salad



Heterogeneous Mixtures



Suspension

looks uniform when mixed.
settles out.



Homogeneous Mixtures~

same

In a homogeneous mixture particles are too **SMALL** to see



milk = liquid

alloy

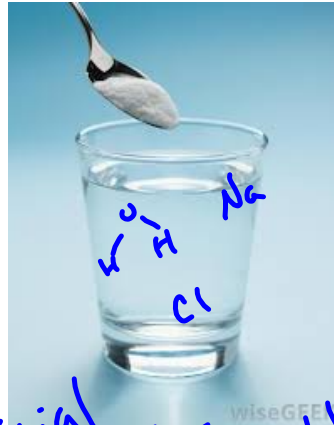
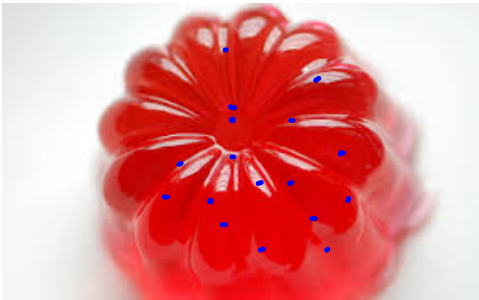


cream cheese = solid

They look the same throughout. You cannot see the individual particles

Homogenous Mixtures

Colloid - med. tiny particles - do not separate
 Solution - teeny tiny particles (atomic)



Emulsion



artificial colloid (makes 2 immiscible things) mix ex- egg protein

Solute (salt) / solvent doing the dissolving