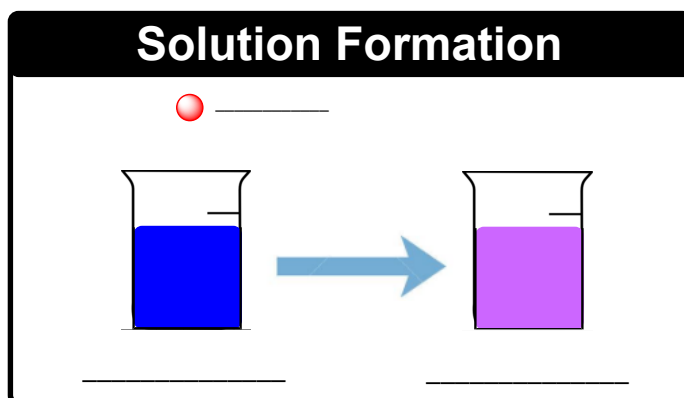


CONCEPT: SOLUTIONS

- **Solutions** represent _____ mixtures made of 2 or more components that form a uniform composition.
 - **Solute**: The _____ portion of the solution that is dissolved within the solvent.
 - **Solvent**: The part of a solution that is present in the _____ amount, which can dissolve other substances.
 - **Concentration**: A measurement of the amount of _____ in a given _____.



EXAMPLE: If 10.0 g NaCl is dissolved in 500.0 mL of water, identify the solute and solvent.

- a) 10.0 g NaCl b) 500.0 mL water c) 110.0 g water d) All of the above.

Suspensions vs. Colloids

Mixtures	
Suspensions	Colloids
_____ mixtures where large solute particles float in a solvent.	_____ mixtures where intermediately sized solute particles float in a solvent.
☐ Solute Particle Sizes: _____ 500 nm.	☐ Solute Particle Sizes: _____ 500 nm.
☐ Particles _____ settle on the top or bottom of the mixture.	☐ Particles _____ settle on the top or bottom of the mixture.
☐ Example: _____ Salad Dressing	☐ Example: _____

EXAMPLE: From the following images, identify a solution, suspension and colloid.

