

Part 6- Solutions Homework.

1. In a solution the substance that is being dissolved is called the ____

- a) Solvent
- b) Emulsifier
- c) Solute
- d) Filtrate

2. What is one property of a suspension that is different from that of a solution or a colloid?

- a) If left to rest, the particles of a suspension will settle out.
- b) The particles of a suspension reflect light.
- c) A suspension is always clear
- d) Suspensions are colorless

3. A solution that cannot hold any more solute at room temperature is ____

- a) A weak solution
- b) A concentrated solution
- c) A saturated solution
- d) A supersaturated solution

4. An example of a solution is ____

- a) Sugar and water
- b) Sand and water
- c) Milk
- d) Whipped Cream

5. The best method to separate the solute from the solvent in a solution would be ____

- a) Distillation
- b) Filtration
- c) Sedimentation
- d) all of the above will work

How would you make 250. mL of 0.100% NaOH solution from a 35% stock solution?

How many grams of NaOH are in 250. g of a 3.50% solution?