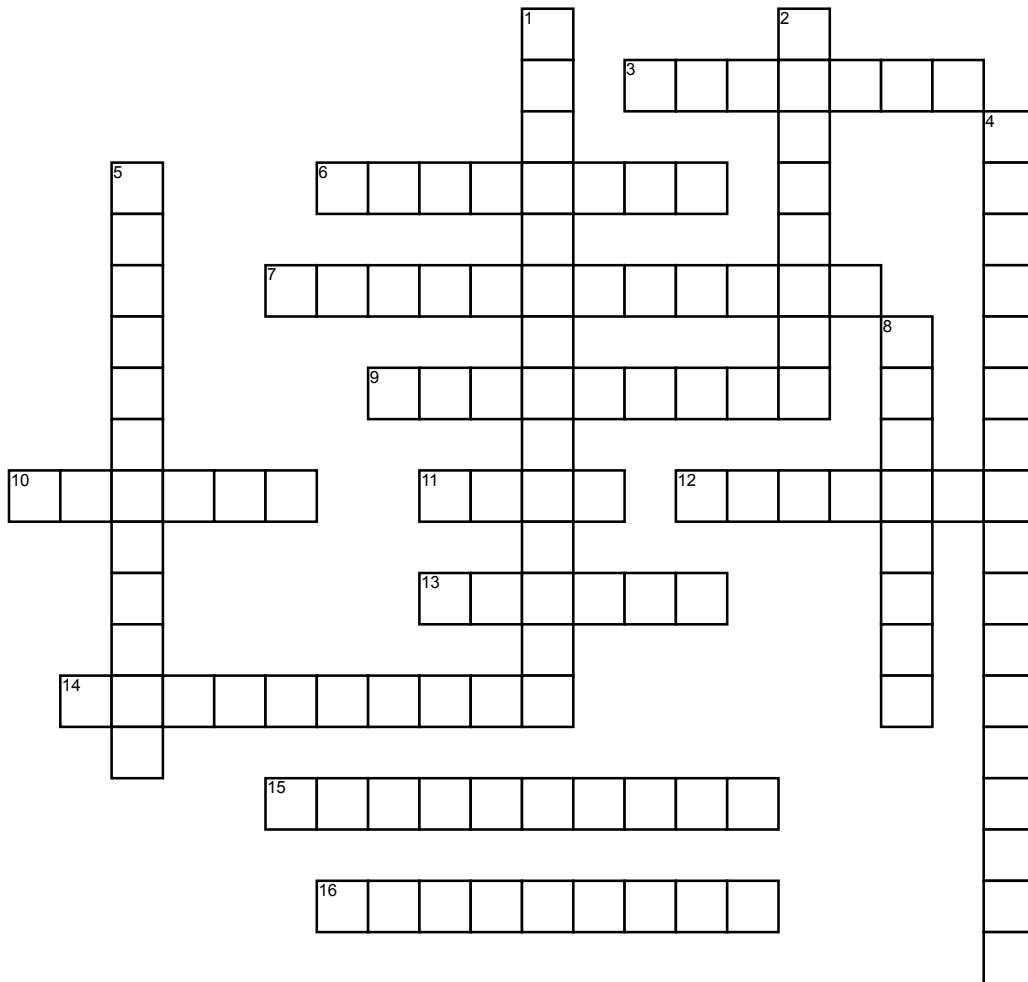


Name: \_\_\_\_\_

# Separation crossword



## Across

3. The solid that collects in the filter paper  
6. The mixing of a substance (the solute) with a liquid (the solvent) to make a solution.  
7. An image obtained from chromatography  
9. A substance that cannot dissolve in a certain solvent is \_\_\_\_\_ in that solvent  
10. The solid or gas that dissolves in a liquid.  
11. A substance is \_\_\_\_\_ if it has no other substances in it.

12. A \_\_\_\_\_ is made up of substances that are not chemically joined together.  
13. A substance is \_\_\_\_\_ if it has different substances mixed with it  
14. The mass that dissolves in 100g of water  
15. A way of separating pieces of solid that are mixed with a liquid or solution by pouring through filter paper  
16. A way of separating pieces of solid that are mixed with a liquid or solution by pouring through filter paper.

## Down

1. A technique to separate mixtures of liquids that are soluble in the same solvent  
2. The liquid or solution that collects in the container after the mixture has passed through the filter paper.  
4. A solution in which no more solute can dissolve  
5. A technique that uses evaporation and condensation to obtain a solvent from a solution  
8. A mixture of a liquid with a solid or a gas. All parts of the mixture are the same.

## Word Bank

Pure	Filtration	Solubility	Mixture
Residue	Filtering	Chromatogram	Solute
Saturated solution	Dissolve	Distillation	Impure
Filtrate	Chromatography	Solution	Insoluble