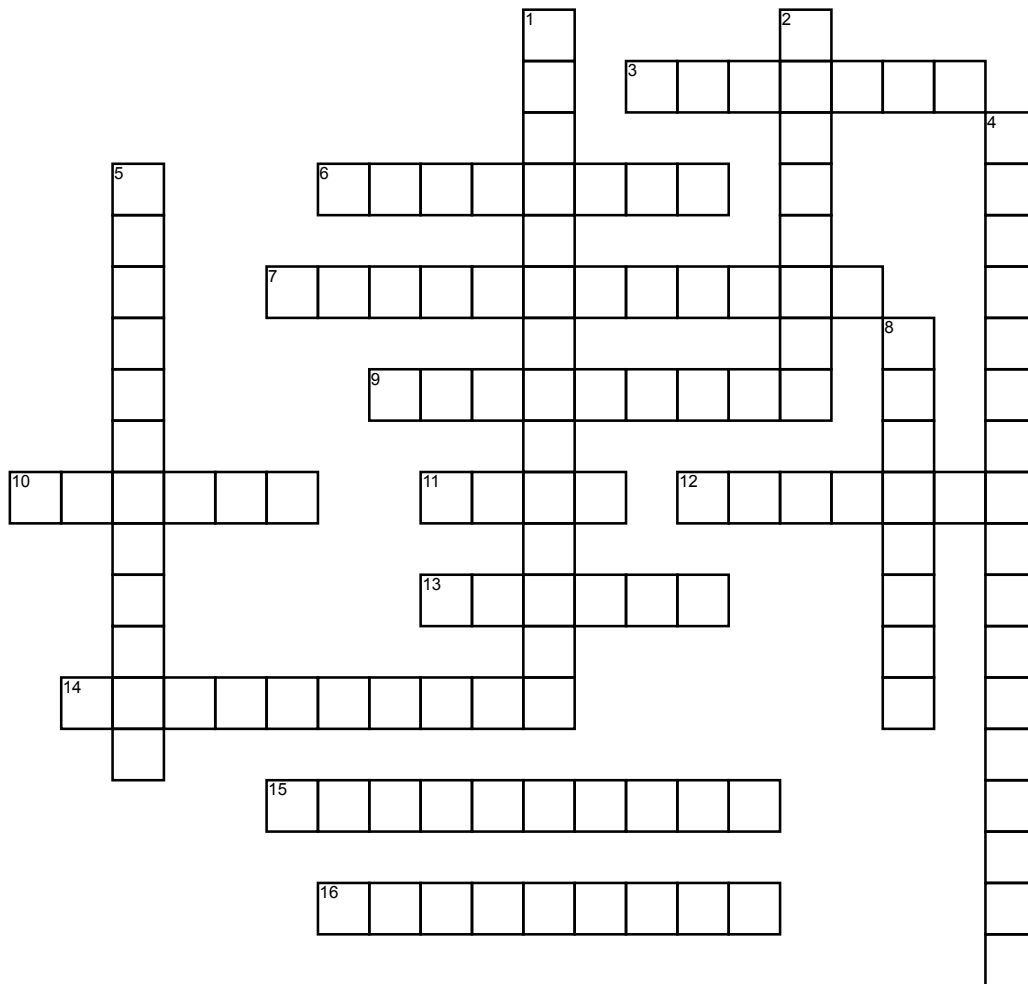


Name: _____

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

Chromatogram

Filtering

Insoluble

Saturated solution

Chromatography

Filtrate

Mixture

Solubility

Dissolve

Filtration

Pure

Solute

Distillation

Impure

Residue

Solution