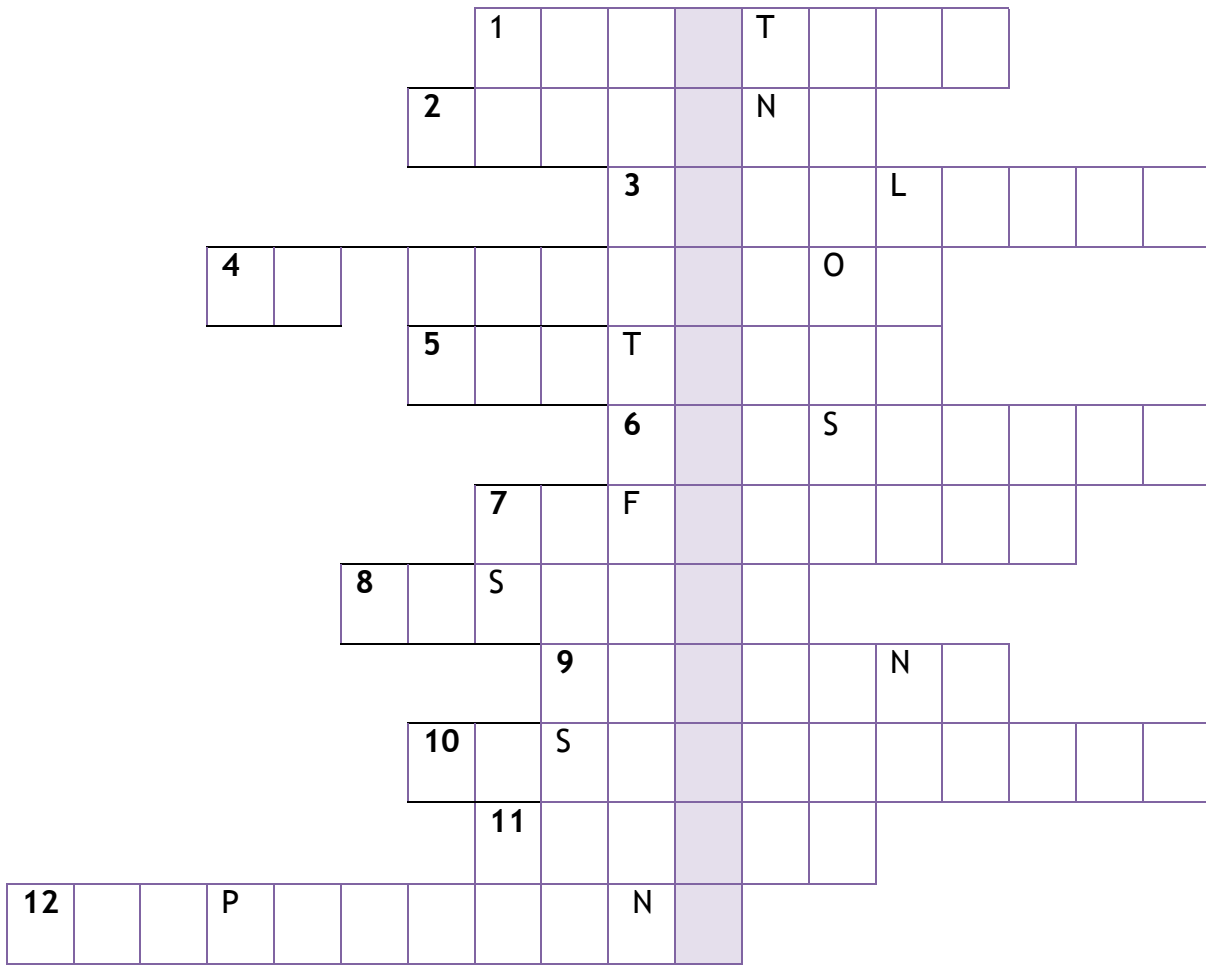


Separating mixtures crossword

This crossword tests your knowledge about separating mixtures.

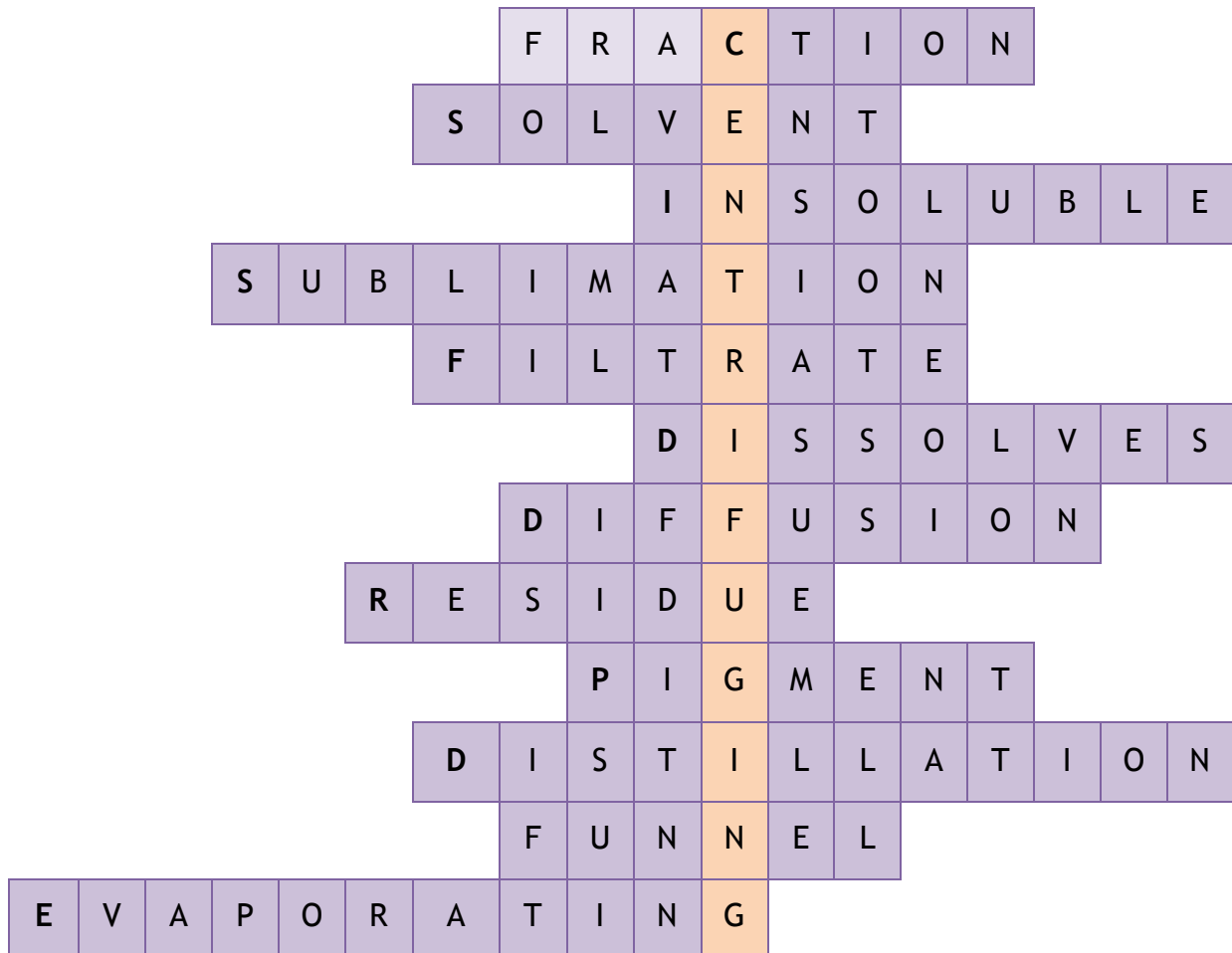
Answer all the clues across to give a word in the shaded section. Find out what the word means.



Across

1. Describes a liquid which has been separated from other liquids because of their different boiling points. (8)
2. Describes the liquid which does the dissolving. (7)
3. This term describes sand when it is added to water. (9)
4. We can easily separate iodine in mixtures as on gentle heating it changes directly to a purple vapour. This changing from solid to gas is called _____ (11)
5. The term which describes the liquid which passes through a filter. (8)
6. A solute is soluble therefore it _____ in a liquid. (9)
7. Describes the spontaneous mixing of different gases. (9)
8. The term which describes the solid trapped in a filter. (7)
9. The technique of chromatography can be used to separate this from a mixture. (8)
10. This is how you could separate ethanol (alcohol) from the other components of an alcoholic drink. (12)
11. Filter paper is folded and put inside this. (6)
12. The solute in a solution can be separated by _____ away the solvent. (11)

Answer



Centrifuging - a physical separation of solid or liquid particles of different densities by rotating them in a tube in a horizontal circle.