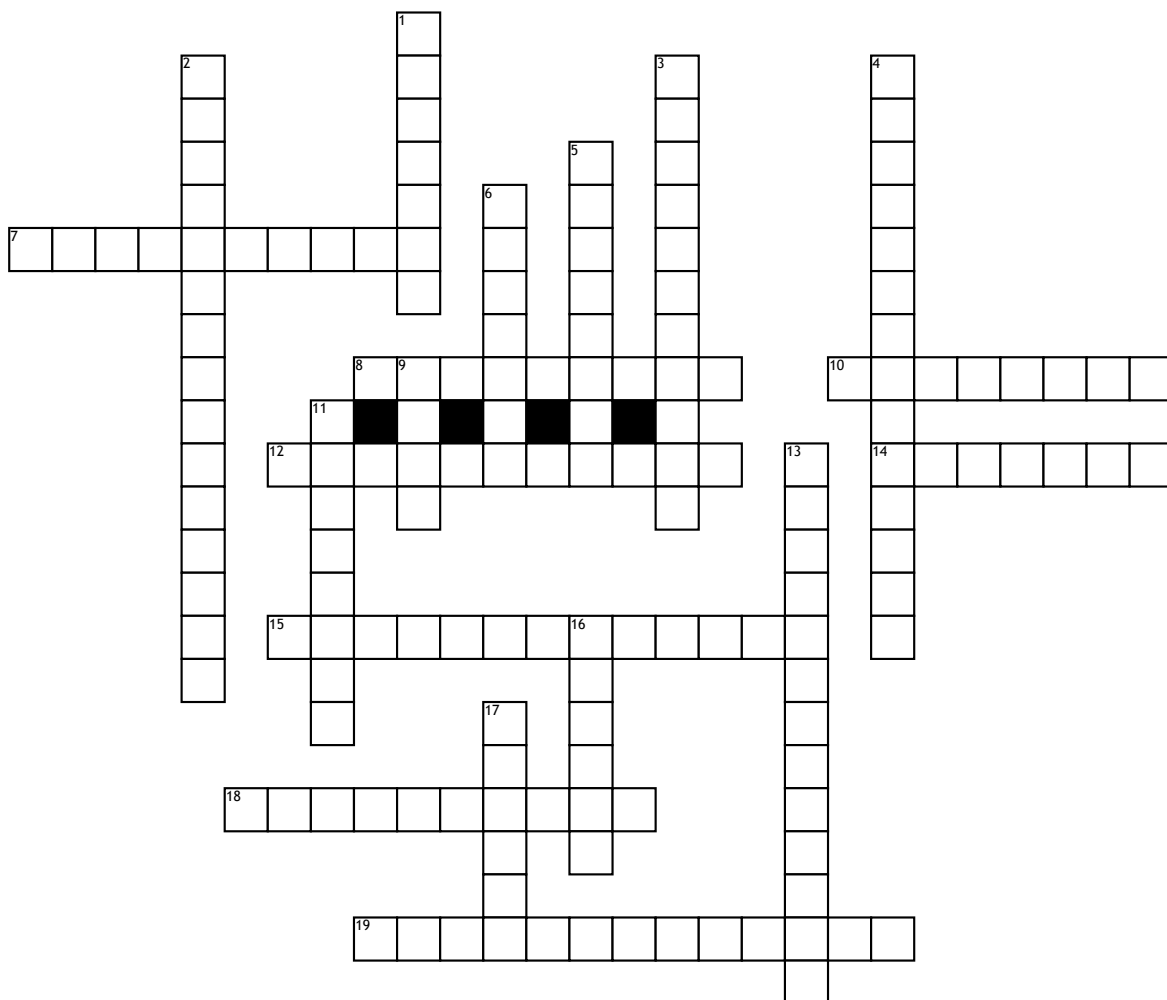


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Pure Substances and Mixtures



## Across

7. separation technique that separates one substance from a liquid through the use of a filter  
 8. solution that contains the most solute that can be dissolved in a solvent  
 10. made up of different kinds of atoms chemically combined  
 12. mixture that is uniform (the same) throughout  
 14. the substance that is trapped in a filter or left behind after evaporation  
 15. made up of one type of element or compound

18. ability to dissolve a given amount of solute in a solvent

19. mixture that is not uniform (the same) throughout

## Down

1. substance doing the dissolving in a solution  
 2. solution that contains more solute than is normally possible in a solvent  
 3. mixture of two or more substances completely blended together  
 4. technique for separating dissolved chemical substances by their different rates of migration across sheets of paper

5. the substance that flows through a filter

6. variety of elements and compounds not chemically combined

9. smallest unit of an element

11. made up of one or more of the same kind of atom chemically combined

13. measurement of the amount of solute dissolved in a solvent

16. substance being dissolved in a solution

17. solution that contains a small amount of solute in a solvent