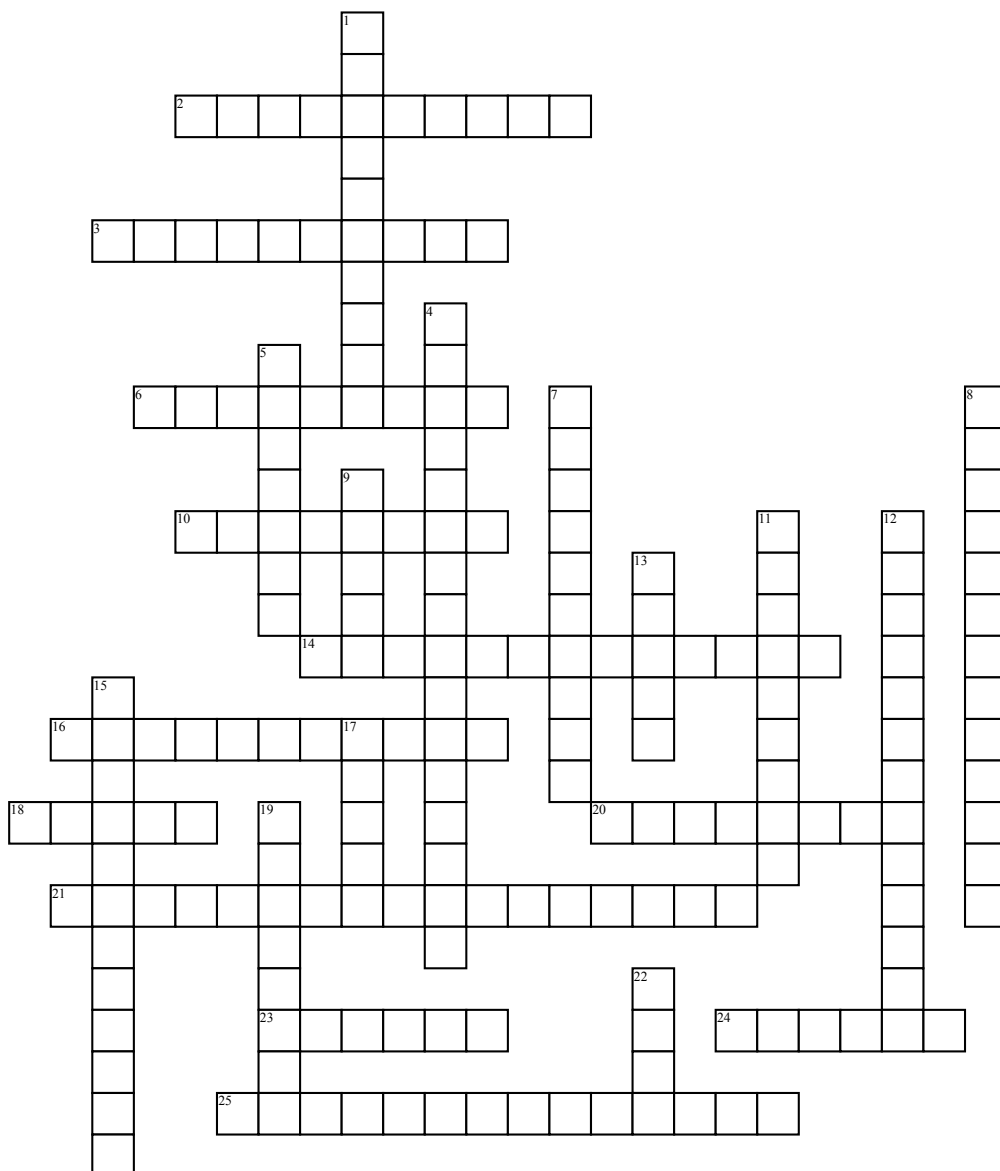


# Acids and Bases



## Across

2. Type of base which dissociates into metal and hydroxide ions  
 3. When an acid ionizes completely it is called  
 6. Model demonstrating that an acid is a substance containing hydrogen and which ionizes to produce hydrogen  
 10. Acids which only ionize partially  
 14. Model which says that an acid is a hydrogen doner and a base accepts hydrogen  
 16. paper that changes color according to the Ph of a substance  
 18. When a solution contains more hydroxide than hydrogen it is called  
 20. The point at which the indicator used changes color

21. Dyes which change color according to PH scale  
 23. Solution that contains more  $H^+$  than  $OH^-$   
 24. Solutions capable of resisting changes in Ph  
 25. When an acid and a base react to produce a salt and water

## Down

1. Reaction which results in hydronium and a salt  
 4. When moles of  $H^+$  equals moles of  $OH^-$   
 5. Scale which shows the concentration of hydrogen ions  
 7. Substances like water which act as an acid and a base  
 8. What is produced when a base accepts hydrogen

9. Substance with a Ph of 7  
 11. Process which determines the concentration of a specific solution  
 12. What is produced when an acid donates hydrogen  
 13. Base slutions are \_\_\_\_\_ seven on the Ph scale  
 15. Occurs when a base gains a hydrogen and hydroxide is formed  
 17. Acidic solutions are \_\_\_\_\_ seven on the Ph scale  
 19. A base which only partially dissociates into a metal and hydroxide  
 22. Compound created from a cation base and anion acid