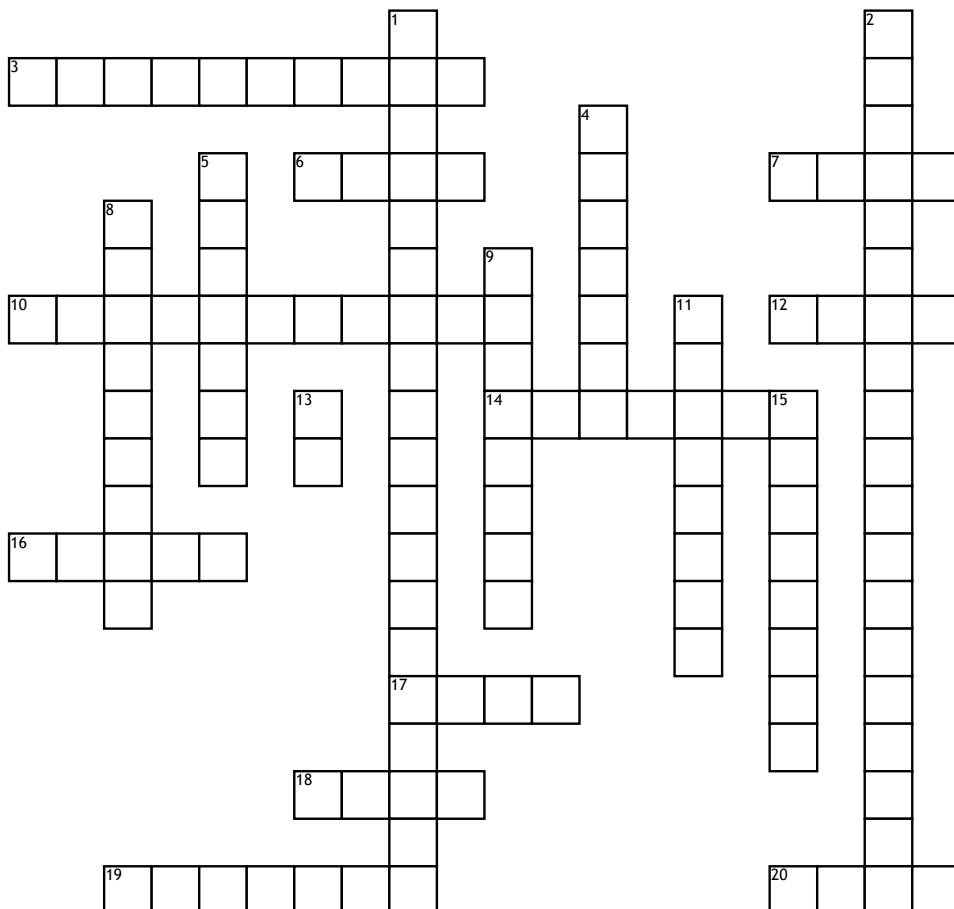


Acids & Bases

Across

3. 100% ions in water
 6. form hydroxide ions in water
 7. magnesium hydroxide
 10. the nucleus of a hydrogen atom separated from its accompanying electron
 12. absorbic acid
 14. ranges from 0 - 14, with 7.0 being neutral
 16. pH of 7.0 - 7.8
 17. hydrochloric acid
 18. form hydronium ions in water
 19. solutions containing ions that react with additional acids or bases



20. sodium hydroxide

Down

1. when hydrogen chloride is dissolved in water, a hydronium ion and a chloride ion are produced
 2. OH⁻ changes into a positive and negative ion
 4. small compounds that enable small amounts of acids and bases to be absorbed without repercussions

5. base that does not contain -OH

8. substance that undergoes distinct observable change when the conditions of its solution change

9. point at which equal amounts of H₃O⁺ and OH⁻ have been added

11. few ions in water

13. measure of the concentration of H₃O⁺ ions in a solution

15. determined by dramatic changes in pH

