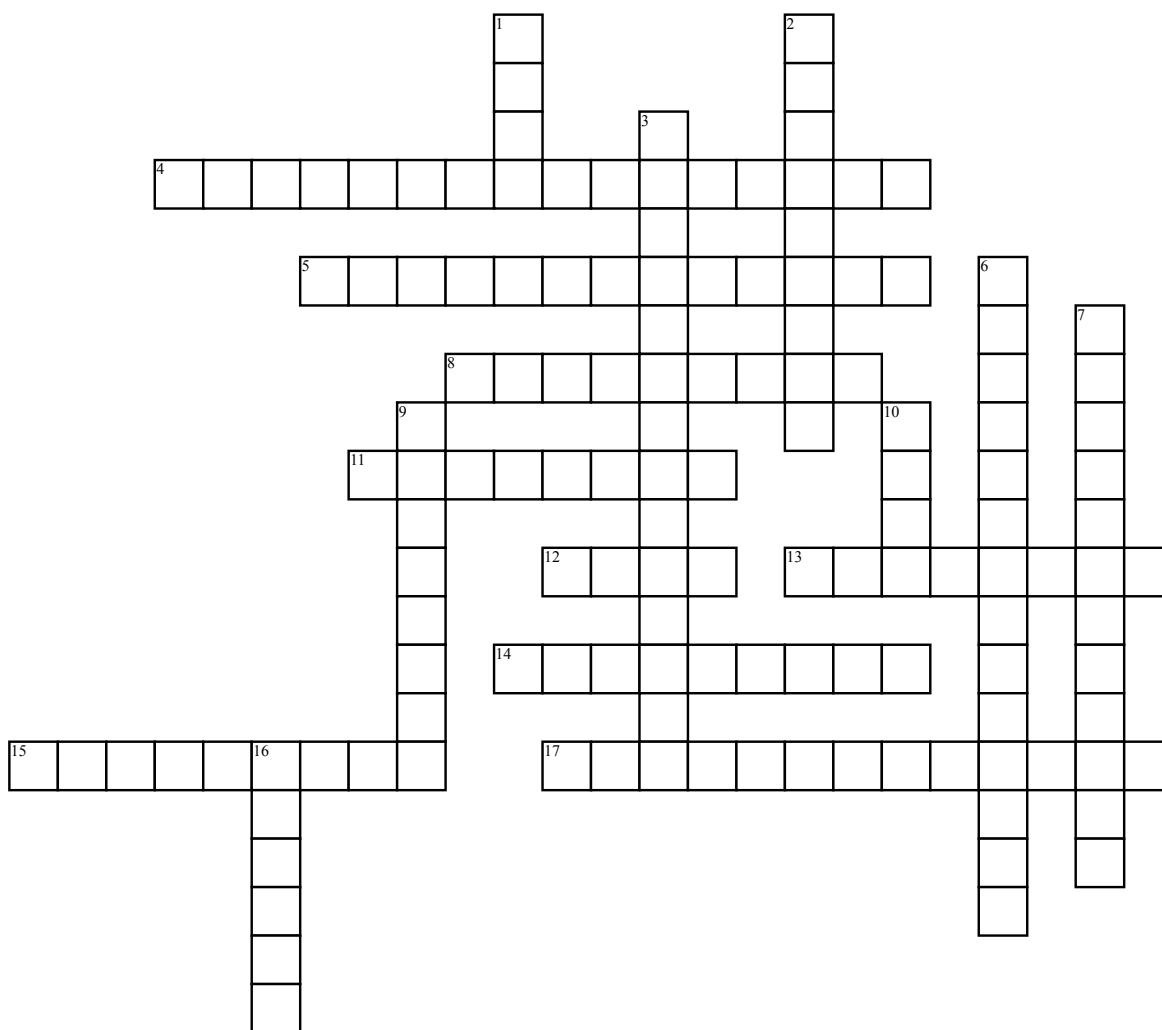


Acids, Bases, and Salts Vocabulary Crossword



Across

4. the point in a titration where the number of moles of hydrogen ions equals the number of moles of hydroxide ions

5. the compound formed when an acid loses an H⁺

8. a process in which a solution of known concentration is used to determine the concentration of another solution

11. any acid that only partly dissociates in solution

12. chain of carbon atoms at one end and either a sodium or potassium salt of carboxylic acid (-COOH) group at the other end

13. the point at which an indicator changes color

14. any substance that can accept electrons to form a covalent bond

15. any substance that can accept electrons to form a covalent bond

17. the compound formed when a base gains a hydrogen

Down

1. any substance that forms hydroxide ions, OH⁻, in a water solution

2. organic compound that changes color in acids and bases

3. chemical reaction that occurs when H₃O⁺ ions from an acid react with the OH⁻ ions from a base to produce water molecules

6. acid that can donate one proton

7. H₃O⁺ ions, which form when an acid dissolves in water and H⁺ ions interact with water

9. any base that does not dissociate completely in solution

10. a substance that produces hydrogen ions, H⁺, in a water solution

16. solutions that contain ions that react with acids and bases to resist pH change