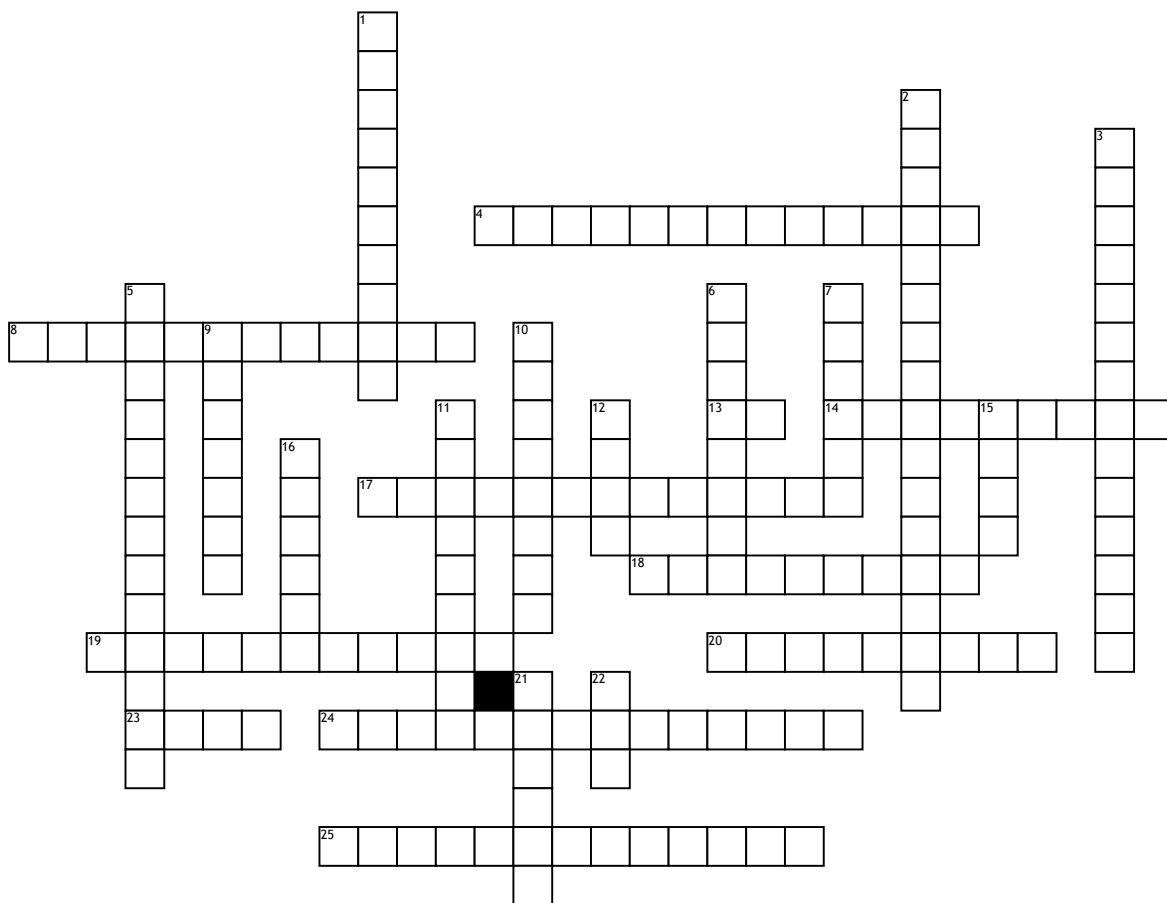


pH and pOH



Across

4. Pair of substances that are related by one hydrogen ion
 8. Found in acids
 13. a figure expressing the acidity of a solution
 14. an acid that has only one hydrogen ion to donate to a base
 17. Found in bases
 18. a technique where a solution of known concentration is used to determine the concentration of an unknown solution
 19. Substance that contains ions
 20. Says acids produce hydronium ions water and bases produce hydroxide ions in water

23. Has a pH of 2-6.5 or 7.5-12
 24. Used to calculate the concentration of an unknown acid or base
 25. the relative amount of a given substance contained within a solution or in a particular volume of space

Down

1. able to react both as a base and as an acid.
 2. Point at which there are equal moles of acid and base
 3. What happens when an acid and base react with each other
 5. Acid is a proton donor and bases are proton acceptors

6. Point at which the titration is complete
 7. Changes color to indicate what the pH of a substance is
 9. Has a pH of 7
 10. Has two hydrogens
 11. Something that tests the pH of a substance
 12. Has a pH lower than 7
 15. Has a pH greater than 7
 16. Solution that resists change in pH
 21. Has a pH of 0-2 or 12-14
 22. the negative of the logarithm of the concentration of hydroxide ions in a solution