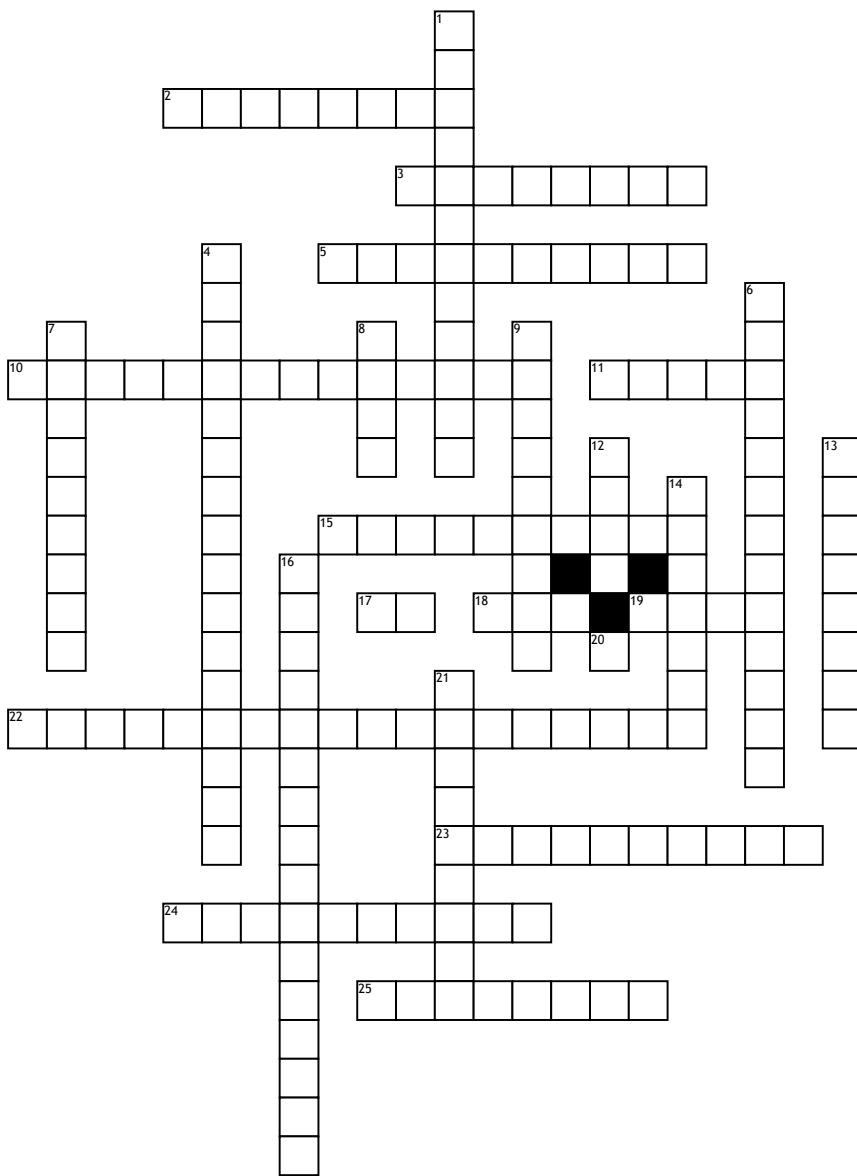


Name: _____

Date: _____

Acids and Bases



Across

2. An Acid that is only slightly ionized in aqueous solution
3. Able to be dissolved in a solute.
5. Any process that results in the formation of an ion.
10. A chemical reaction between an acid and a base that produces water and a salt.
11. Neutral
15. Process used to determine the concentration of the solution
17. Potential of Hydrogen
18. Negative log of the concentration of hydroxide ion.
19. A compound that has a pH more than 7.
22. A molecule or ion that is a proton donor

23. A base that completely dissociates into metal ions and hydroxide ions in aqueous solution

24. An Acid that is completely ionized in aqueous solution

25. The point in the titration at which the indicator changes colors.

Down

1. The positive ion formed when a water molecule gains a hydrogen ion.
4. A basic solution.
6. The particle formed when a base gains a hydrogen ion.
7. Any substance that can donate a pair of electrons to form a covalent bond
8. An ionic compound composed of a cation and the anion from an acid.

9. A substance that changes colors to indicate a change in the pH.

12. A compound that has a pH of less than 7.

13. A base that reacts with water to form the hydroxide ion and the conjugate acid of the base

14. Used to cure heartburn.

16. A solution of known concentration used in carrying out a titration

20. What is the pH of Lakes normally

21. Any substance that can accept a pair of electrons to form a covalent bond