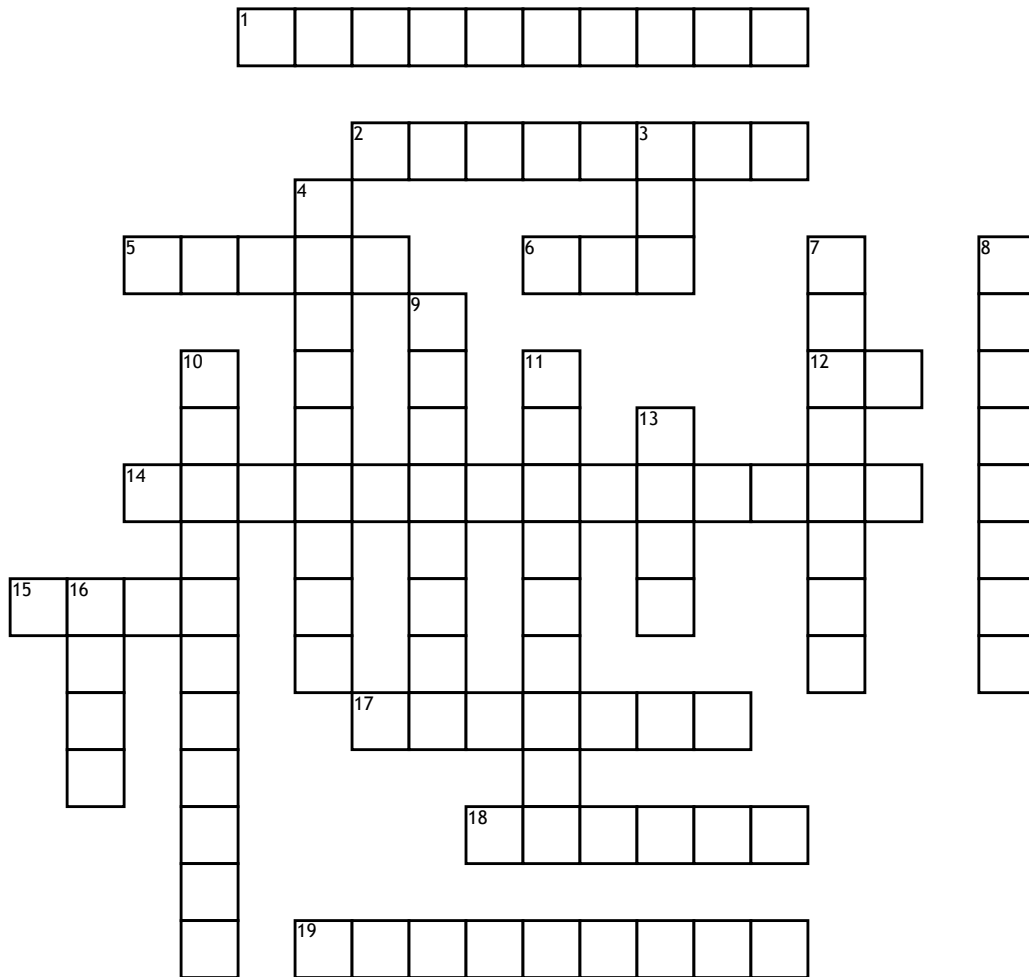


Name: _____

Date: _____

Acids and Bases (Assignment #1)



Across

1. Acids containing one H
2. An acid or base that ionizes completely into an aqueous solution
5. one in which $[H^+]$ is less than $[OH^-]$
6. water molecule that gains a hydrogen ion becomes positively charged
12. the measure of the concentration of hydrogen ions in a solution
14. reaction when acid and base come together to form a neutral solution
15. compounds consisting of an anion from an acid & a cation from the base

17. pH is equal to 7

18. one in which $[H^+]$ is greater than $[OH^-]$

19. an acid or base that undergoes dissociation in a known pH range (changes color)

Down

3. water molecule that loses a hydrogen ion becomes a negative charge
4. process of adding a known amount of solution of known concentration to determine the concentration of another solution
7. Acids containing two H's

8. An acid or base that slightly ionizes into an aqueous solution

9. Another name for a basic solution

10. Aqueous solutions that conducts electricity

11. Acids containing three H's

13. Turns litmus paper blue

16. Reacts with compounds that contain hydroxide ions to form salt & water

Word Bank

solution

Acidic

Acid

ion

pH

Salt

Diprotic

Neutralization

Indicator

Neutral

Titration

Triprotic

Electrolyte

solution

Alkaline

ion

Monoprotic

Base

Basic