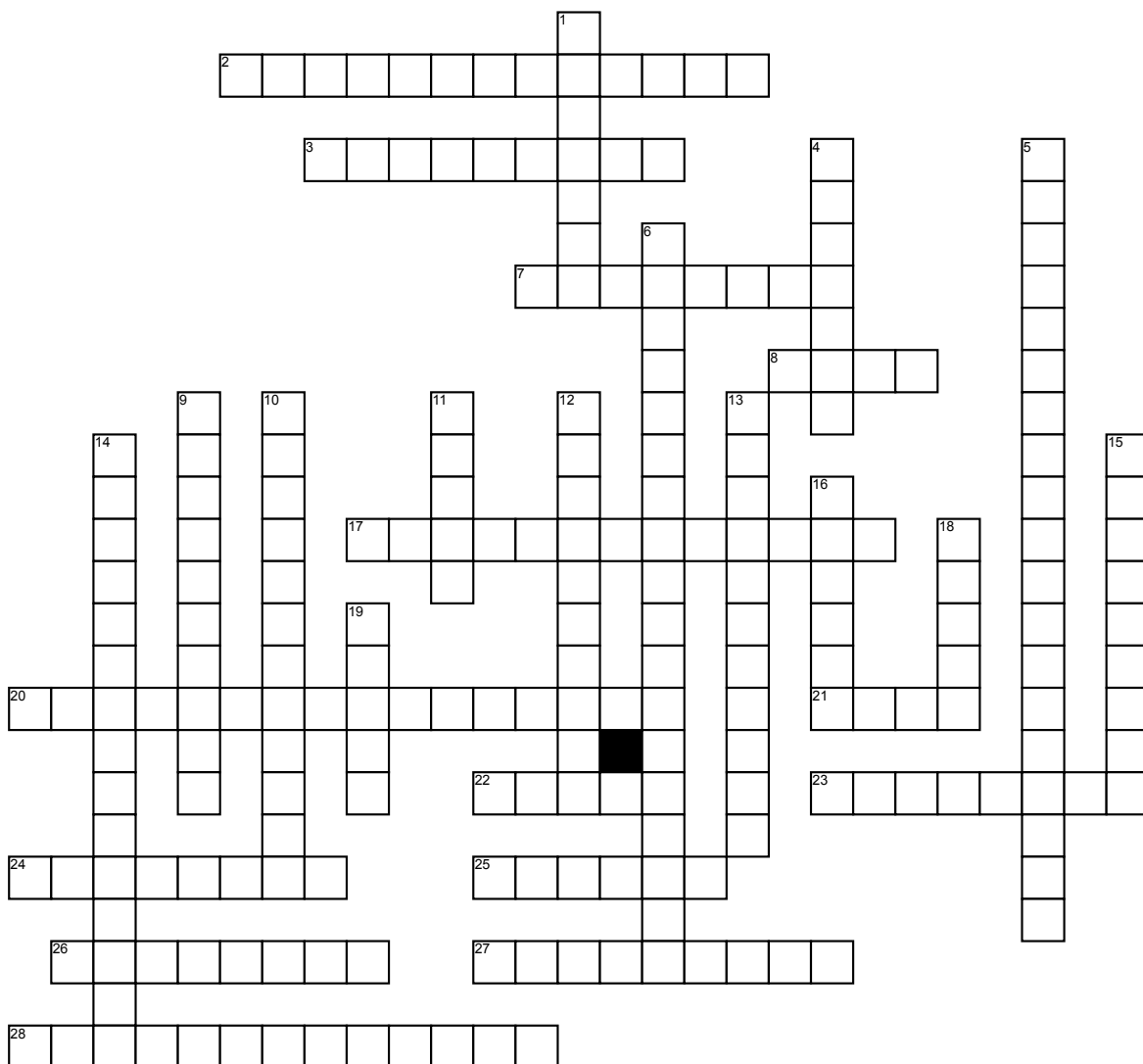


Name: _____

Date: _____

Acids and Bases



Across

2. BL acid on products side of rxn

3. acid that donates 3 hydrogen ions

7. another name for a basic solution

8. compound that produces hydroxide ions in water

17. name of this acid: H_2SO_3

20. name of this acid: HClO

21. how do acids taste

22. if an acid anion ends in "-ide," the name of the acid starts with

23. bronsted lowry definition of base is hydrogen ____

24. a base that produces hydroxide ions only upon reaction with water

25. a solution whose pH is less than 7 is ____

26. an acid that only partially dissociates is called a ____

27. acids defined as compounds that produce H^+ ions

28. H^+ acceptor on products side of rxn

Down

1. acid + base makes a --- solution

4. example of a common weak acid

5. $[\text{products}] / [\text{reactants}]$

6. name of this base $\text{Mg}(\text{OH})_2$

9. an acid that comes apart completely in acid is called a ____

10. solutions that conduct charge in water contain ____

11. weak acids have a ____ K value

12. type of acid found in lemons

13. pH calculations are based on a ____ scale

14. indicator that changes color at $\text{pH}=7$

15. a chemical that shows the pH of a solution by color change

16. red/blue pH indicator paper

18. bronsted lowry definition of acid is hydrogen ion ____

19. strong acids have a ____ K value