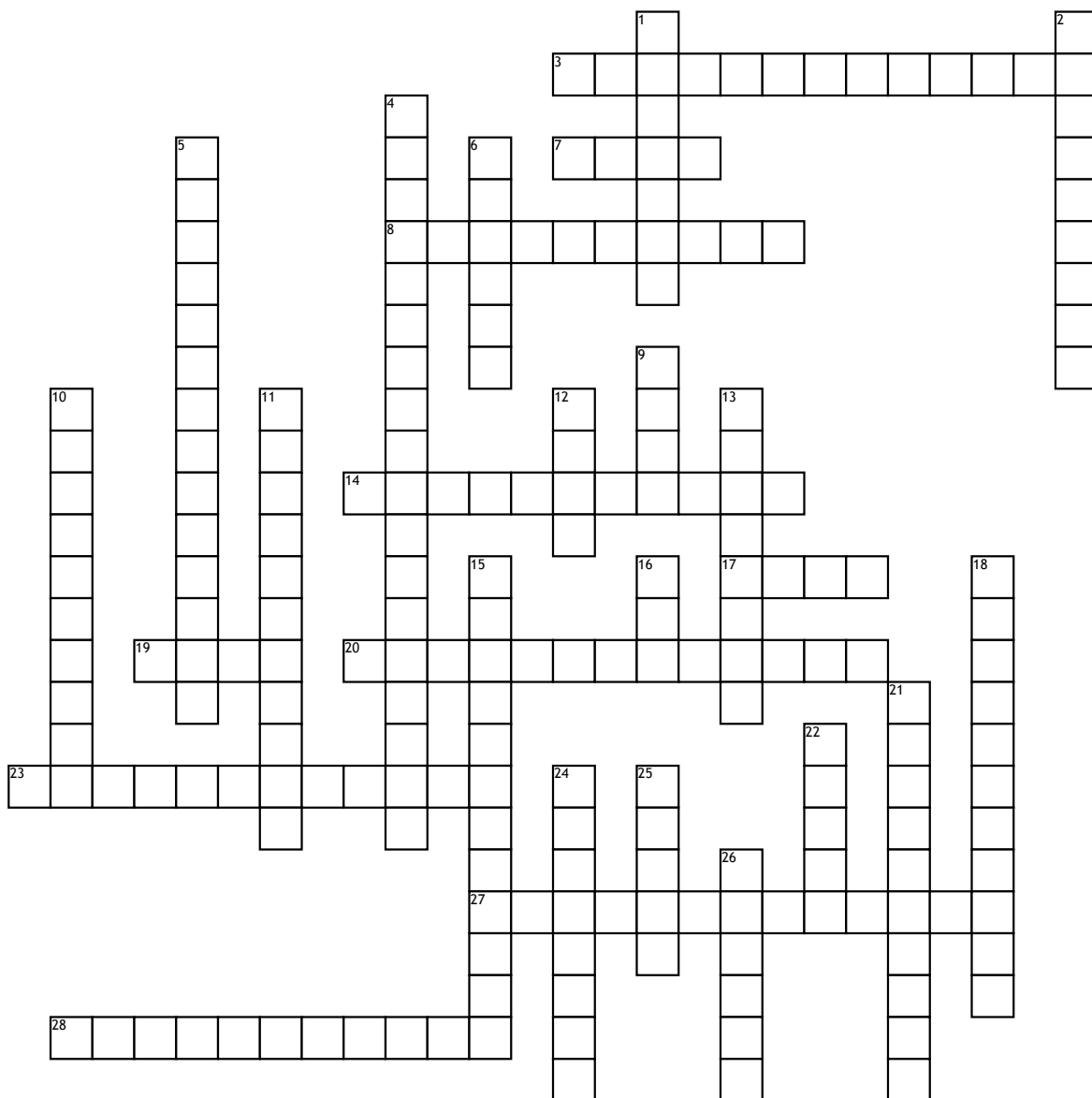


Acids and Bases



Across

3. Acids react with metal carbonates to give a salt, ____ and water
7. A substance that releases hydroxide ions into water
8. HNO₃
14. pH scale
17. corrosion
19. How acids usually taste
20. pOH is a measure of the concentration of
23. H₃O⁺
27. When added to water increases the concentration of H⁺ ions present

28. HNO₂

Down

1. A solid substance composed of positive and negative ions
2. Hydroxide donates the pair of electrons
4. Anything that donates a H⁺ ion
5. The process of adding acids to bases
6. How bases usually taste
9. Sodium hydroxide
10. The strength of a base
11. A substance that can donate or accept H⁺ ions
12. A substance that releases hydrogen ions into water

13. Rain or any other form of precipitation that is unusually acidic
15. H₂CO₃
16. Color of litmus paper in acids
18. Acids react with ____ to give a salt and water
21. Vinegar
22. Corrosive substances that attack metals
24. Acids react with metals to give a salt and
25. Acids react with metal oxides to give a salt and ____
26. A substance used as an acid-base indicator