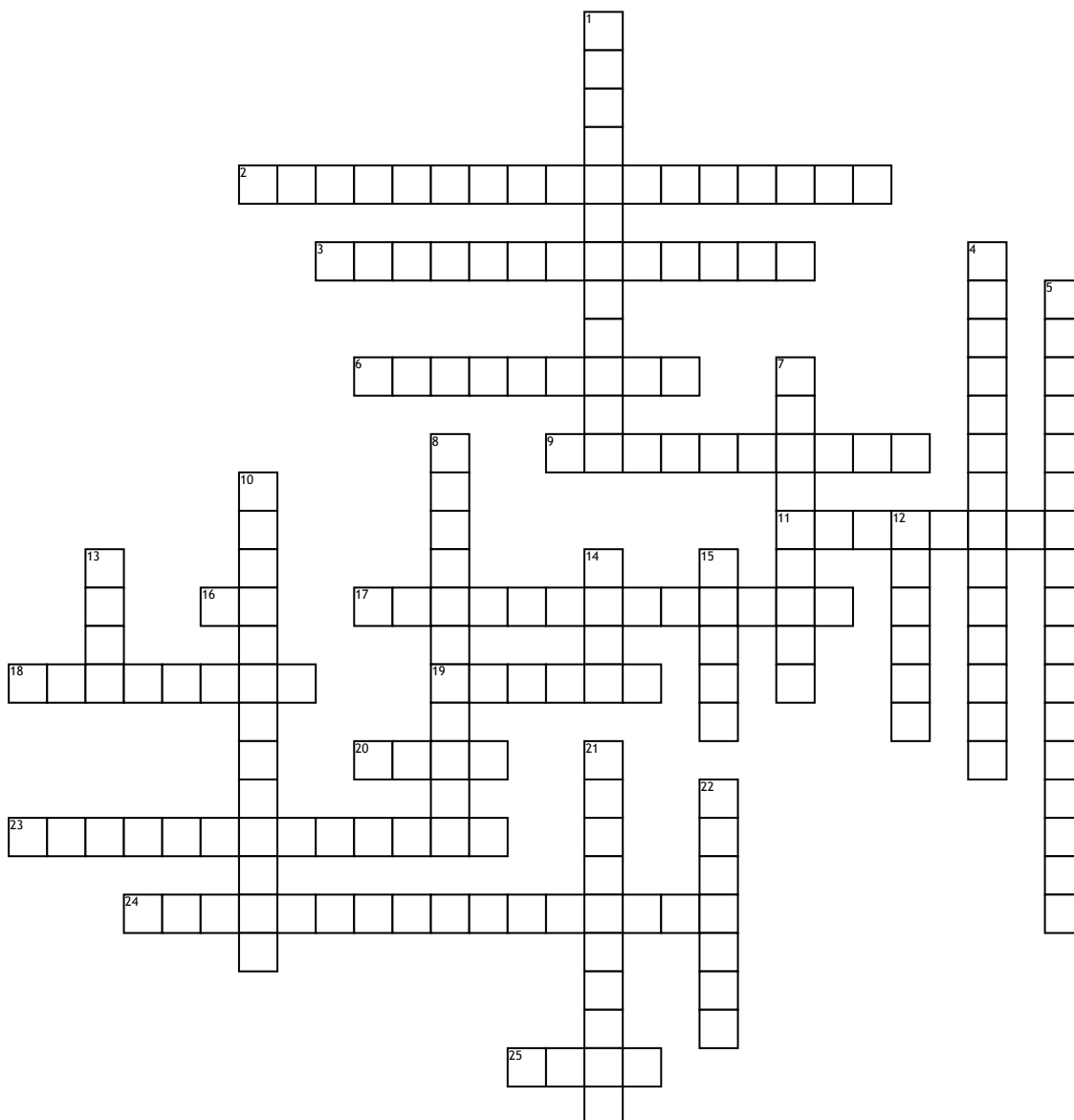


Ch . 19 Acids and Bases



Across

- 2. a hydrogen acceptor
- 3. contain 3 ionizable hydrogens
- 6. slightly ionize in aqueous solutions
- 9. changes colors with changes in pH
- 11. a basic solution
- 16. negative log of the hydrogen concentration
- 17. formed when a base gains a H ion
- 18. indicator changes color in a titration

19. solution with a relatively constant pH

- 20. turns litmus blue
- 23. particle that remains when an acid donates a H ion
- 24. moles of hydrogen ions equal moles of hydroxide ions
- 25. taste sour and conduct electricity

Down

- 1. H₃O⁺
- 4. acid + base yields salt + water
- 5. hydrogen ion donor

7. Used to determine the unknown concentration of an acid or base

- 8. completely ionized in aqueous solutions
- 10. yield hydrogen ions in aqueous solution
- 12. pH from 0 to 7
- 13. turn litmus red
- 14. feel slippery and conduct electricity
- 15. pH greater than 7
- 21. acts as an acid or a base
- 22. pH = 7