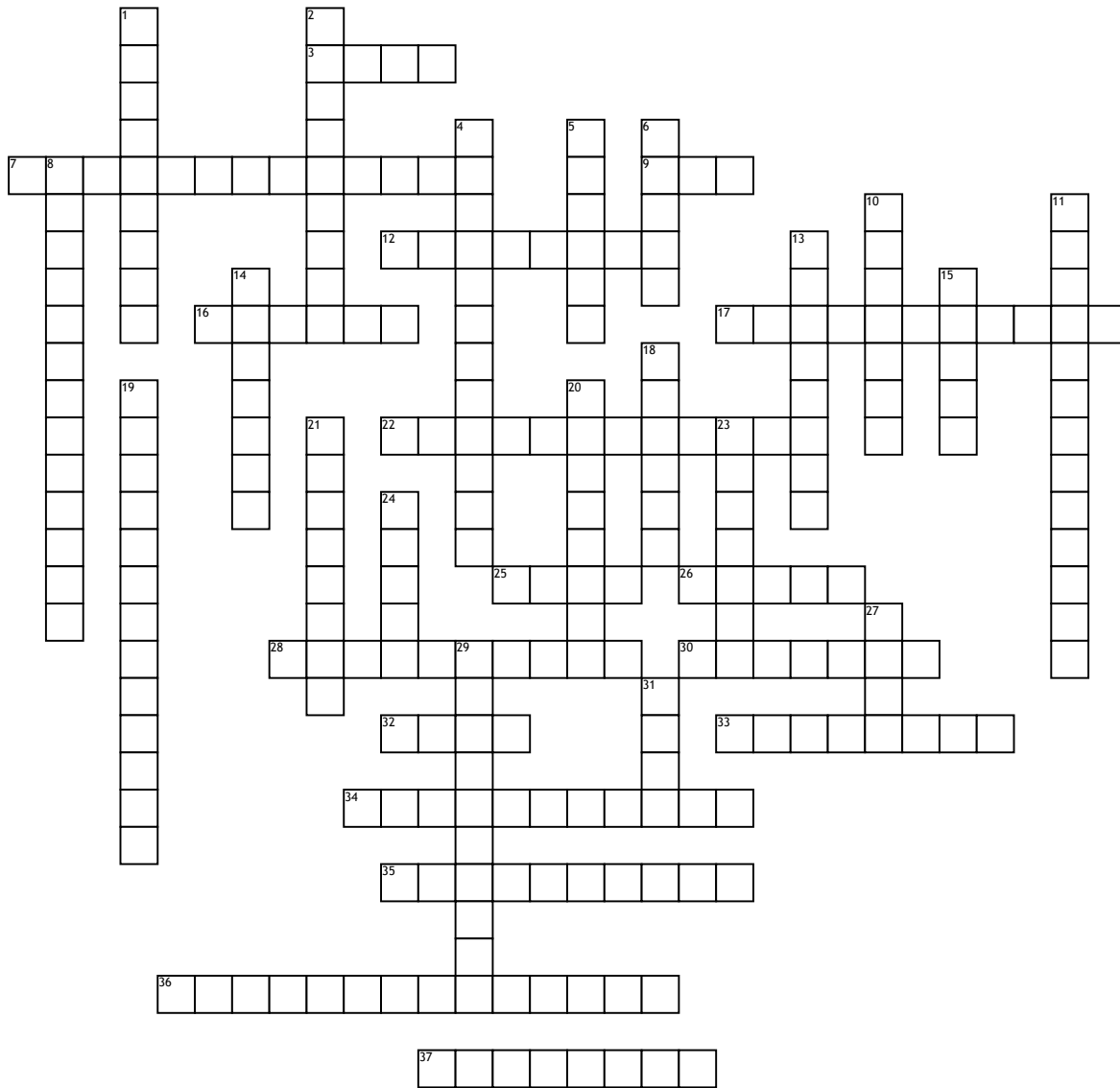


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# anatomy and physiology



## Across

- 3. smallest part of element
- 7. major neurotransmitter
- 9. only form of energy used by cells
- 12. center of immune system
- 16. functional unit of bone
- 17. controls blood level of calcium
- 22. found in dermis
- 25. largest body organ
- 26. part of central nervous system
- 28. purpose of synovial fluid
- 30. identifying protein on cell surface
- 32. tendons connect muscles to
- 33. second degree burn
- 34. state of equilibrium in the body

## 35. brainstem function

- 36. major organ of digestion
- 37. brain lobe for memory and thinking

## Down

- 1. pineal body hormone
- 2. functional unit of muscle
- 4. most important male hormone
- 5. scar gone wild
- 6. chief liquid in all biological systems
- 8. produces CSF
- 10. structure
- 11. number of protons in nucleus
- 13. number chromosomes in a cell produced by mitosis

- 14. passive transport of water through a semipermeable membrane

- 15. bone in axial skeleton
- 18. ion that moves into nerve cell as message proceeds
- 19. power chamber of heat
- 20. most common type of feedback loop
- 21. functional unit of lung
- 23. functional unit of kidney
- 24. "blood-filled sponge"
- 27. parasympathetic nervous system
- 29. most common kind of tissue in the body
- 31. produced by meiosis