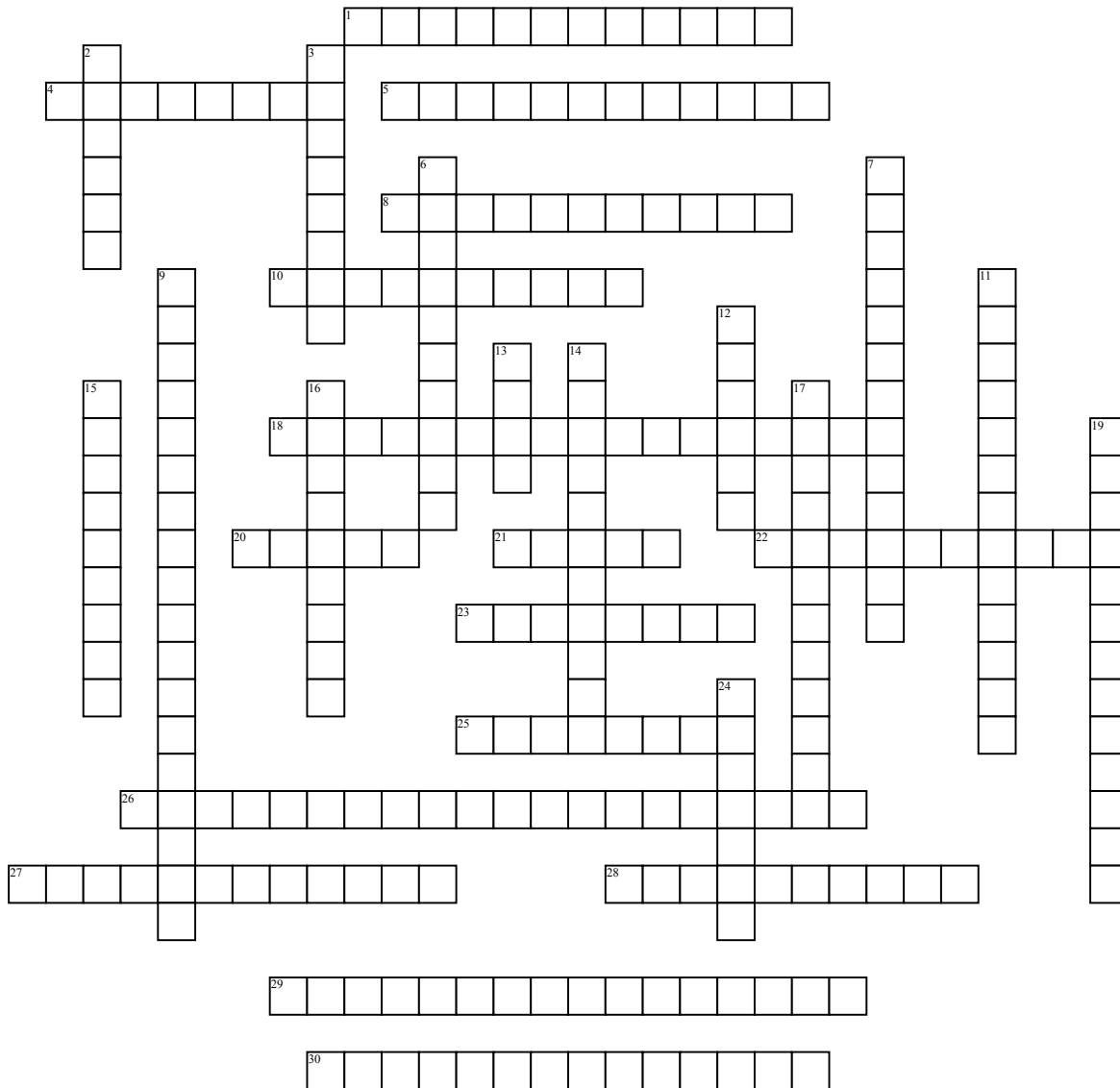


Name: \_\_\_\_\_

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

# Brain Crossword



## Across

1. Refers to the primary visual Cortex
4. Main part of each neuron that processes information
5. Group of nuclei in the brain interconnected with the cerebral cortex
8. Plays major role in the short term memory & spatial navigation
10. Controls muscular coordination and balance
18. Chemical released by an axon
20. Transmits instructions to dendrites
21. Small grooves, trenches, or furrows. especially fissures of the brain
22. Section of the human brain that is involved in language processing-speech sign production & comprehension
23. Controls expressions and emotions

25. Parts of neurons that receive messages from other neurons
  26. Region of the brain that is responsible of processing auditory information(sound)
  27. Interpretation of touch-objects, shape, & space
  28. Transmits information from the body to the brain and vice versa, from the brain to the body
  29. An anatomical landmark located at the very caudal end of the of the brain
  30. Secretes hormones that regulate growth
- Down**
2. Sudden reaction/movement-putting fist up, flinching
  3. Tiny gaps between neurons that info passes through to send signals
  6. Portion of the brain associated with functions such as olfaction and emotion

7. Fold in the cerebral cortex of brains in vertebrates
9. Pre motor areas to plan and execute movements
11. Processes & makes sense of visual information
12. Part of the Cerebrum
13. Ridge on the cerebral cortex
14. Produces melatonin, hormone affects the modulation of wake/sleep patterns
15. Controls involuntary activities- breathing, heart rate, & blood pressure
16. Involved in higher functions such as sensory perception, generation of motor commands
17. Part of cerebrum that are involved in speech, memory, & hearing
19. Neural structure of the vertebrate fore brain involved in olfaction, the sense of smell
24. Nerve cells