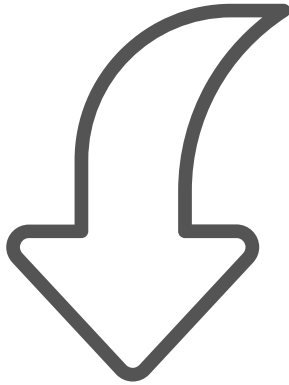


# NEURAL CROSSWORD PUZZLE

The clues are on this page. Don't look at the answers yet!!  
Give it a try. If you need a hint for any of the clues, click on the **[hint]**.

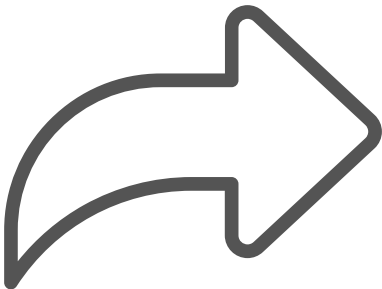
## CLUES

### DOWN



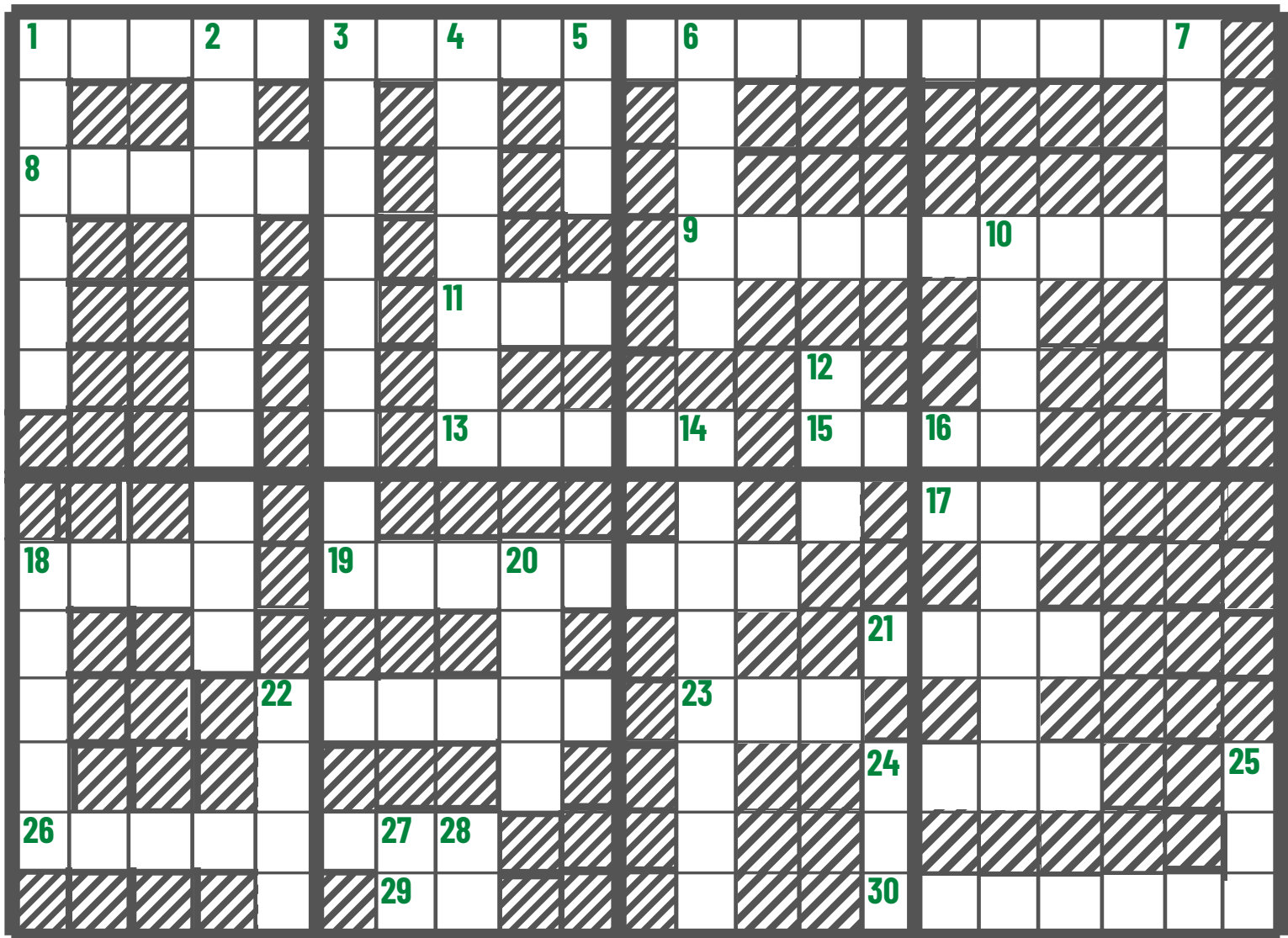
1. In the brain, it is the outermost layer of the gray matter.
2. The fifth cranial nerve. **[hint]**
3. The middle layer of the meninges. **[hint]**
4. The part of the cell containing chromosomes.
5. Period of sleep when dreams occur (abbreviation). **[hint]**
6. The second cranial nerve. **[hint]**
7. Fat-like substance that surrounds some axons. **[hint]**
10. The first cranial nerve. **[hint]**
12. Fluid that fills the ventricles (abbreviation). **[hint]**
14. Part of a neuron that takes information TO the cell body. **[hint]**
16. Short for "mother".
18. Electrical brain activity between 2 and 4 Hz. **[hint]**
20. Part of a neuron that takes information AWAY from the cell body. **[hint]**
22. A short written letter.
24. Abbreviation for 1 across.
25. Organ for vision.
27. Opposite of "off".
28. Opposite of "yes".

### ACROSS



1. Composed of the brain and spinal cord (3 words). **[hint]**
8. Contains photoreceptors; on the inner posterior portion of the eye. **[hint]**
9. "Inside the mouth"
11. Electrical brain activity recorded with scalp or brain electrodes (abbreviation). **[hint]**
13. Necessary for hearing.
15. Cell body. **[hint]**
17. Neurotransmitter in the brain, spinal cord, and peripheral nervous system (abbreviation). **[hint]**
18. Outermost layer of meninges. **[hint]**
19. Neurotransmitter lacking in patients with Parkinson's disease.
21. Supportive cells of the nervous system; "glue". **[hint]**
22. Nerve cell. **[hint]**
23. Photoreceptor that is not used for color vision. **[hint]**
24. Photoreceptor that is used for color vision. **[hint]**
26. The sense of hearing.
29. Opposite of "Yes"
30. Junction between two neurons. **[hint]**

# PRINT OUT THE PUZZLE, THEN REFER TO THE CLUES AND FILL IN THE BLANKS.



# HERE ARE THE ANSWERS TO THE COMPLETED PUZZLE.

