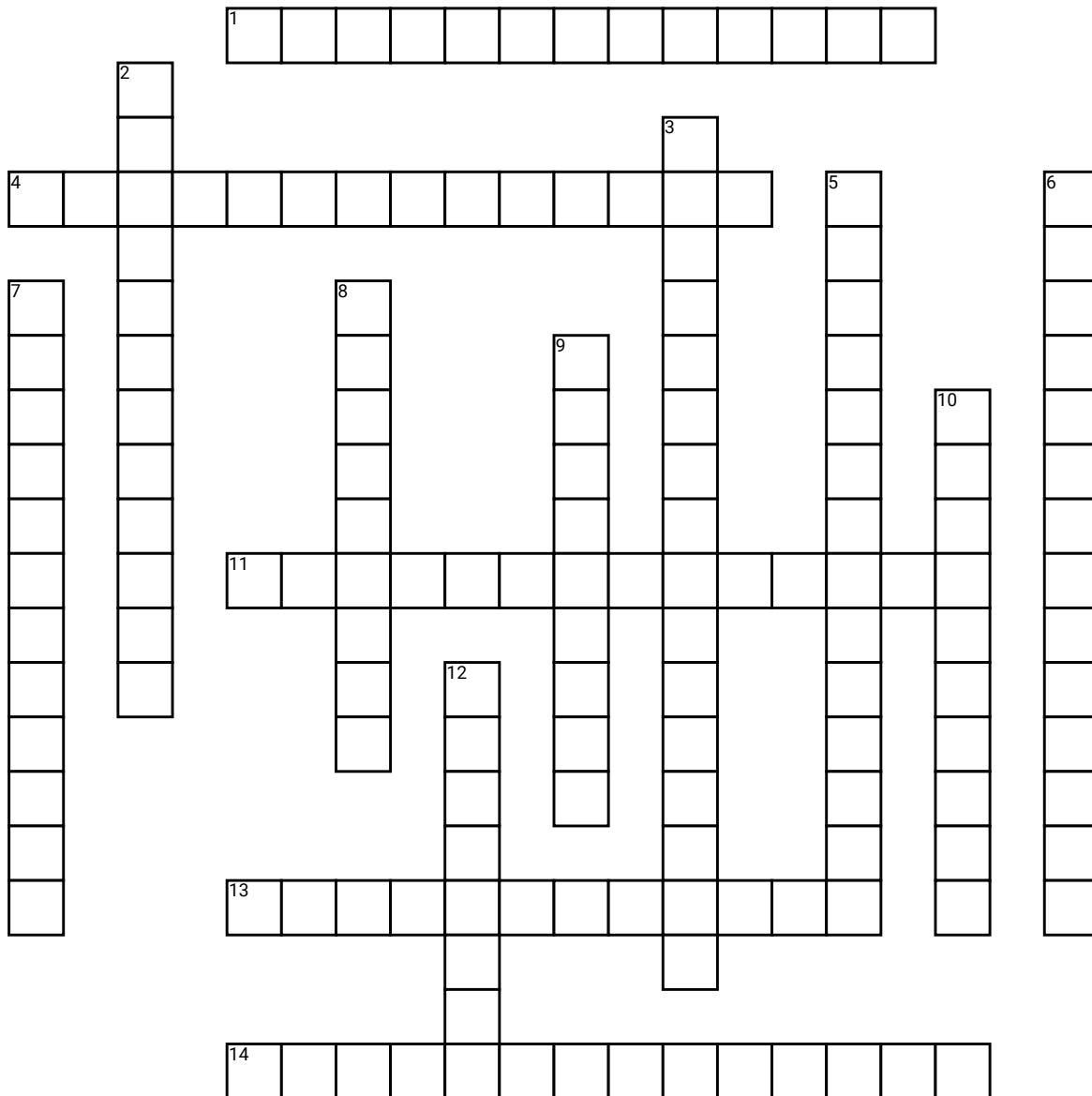


# Nervous System



## Across

1. Originate from brain stem. 12 pairs that control functions in the head and neck
4. Produces CSF
11. Intermediate layer. Characterized by spider web arrangement of collagen fibers.
13. Produce myelin in the PNS
14. Carry information TO the brain and spinal cord

## Down

2. Composed of thalamus and hypothalamus
3. Production of myelin
5. Carry information AWAY from brain and spinal cord to muscles
6. similar to astrocytes. Function in structural support, absorb excess ions, and toxins
7. Originate from the spine. 31 pairs that carry impulses to and from spine

8. Outermost layer of the meninges surrounding and protecting the brain/spinal cord
9. Phagocytosis of pathogens and debris in the brain
10. Maintenance of the blood brain barrier.
12. Innermost layer. Direct contact with spinal cord. Relatively tight bond.