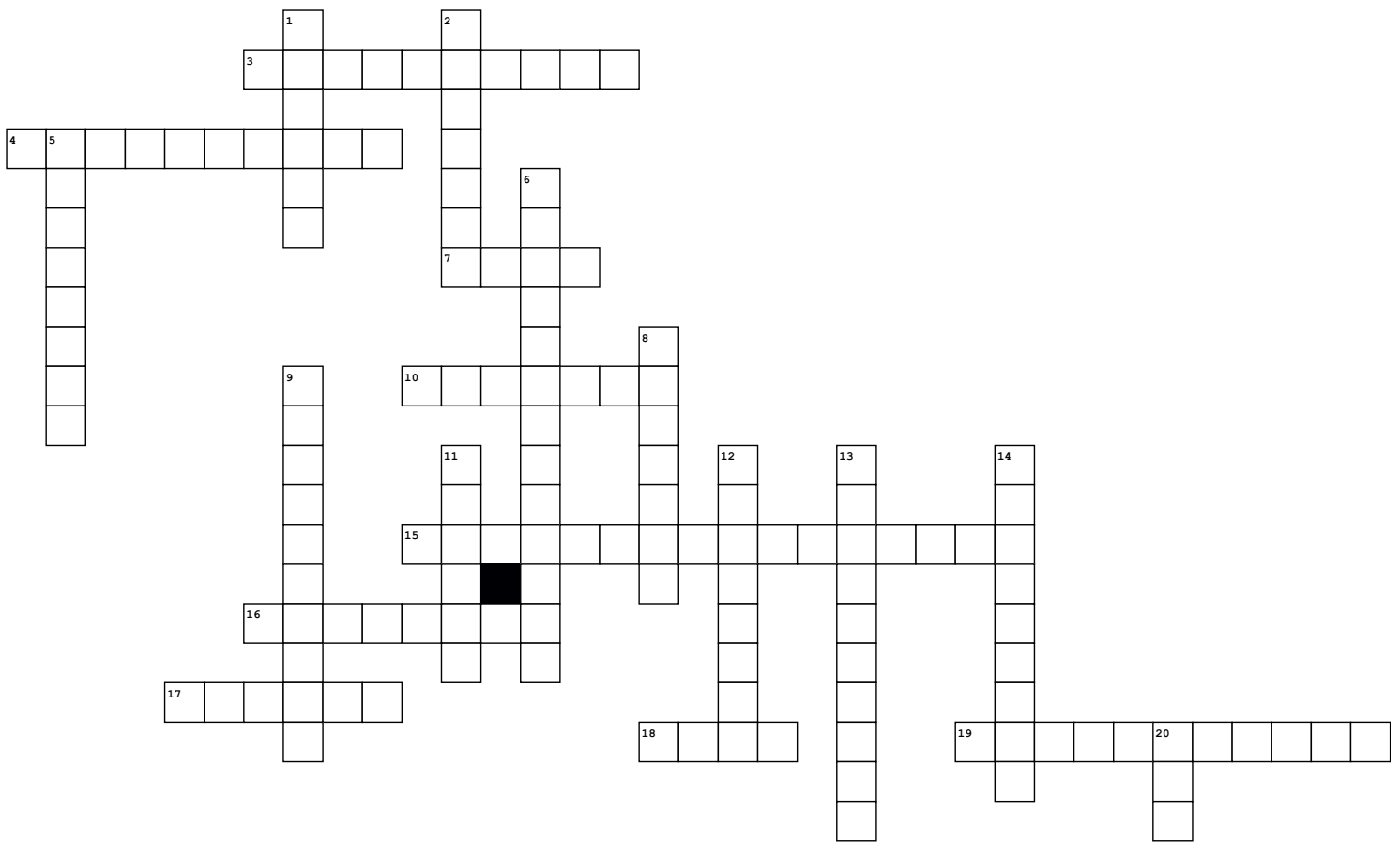


# Nervous System



## Across

- 3. - Region of the brain responsible for coordination
- 4. - Nervous system outside the brain and spinal cord
- 7. - Long fiber that carries nerve impulses
- 10. - Junction between two nerve cells
- 15. - Chemical messenger in the nervous system
- 16. - Branching extension of a nerve cell
- 17. - Automatic response to a stimulus
- 18. - Part of the brainstem involved in sleep regulation
- 19. - Region involved in memory formation

## Down

- 1. - Basic unit of the nervous system
- 2. - Part of the brainstem regulating basic functions
- 5. - Nerves carrying signals away from the brain
- 6. - Part of the brain associated with decision-making
- 8. - Nerves conveying information to the brain
- 9. - Supportive cells in the nervous system
- 11. - Insulating sheath around nerve fibers
- 12. - Collection of nerve cell bodies outside the CNS
- 13. - Nerve bundle running down the spine
- 14. - Neurotransmitter associated with mood
- 20. - Central Nervous System