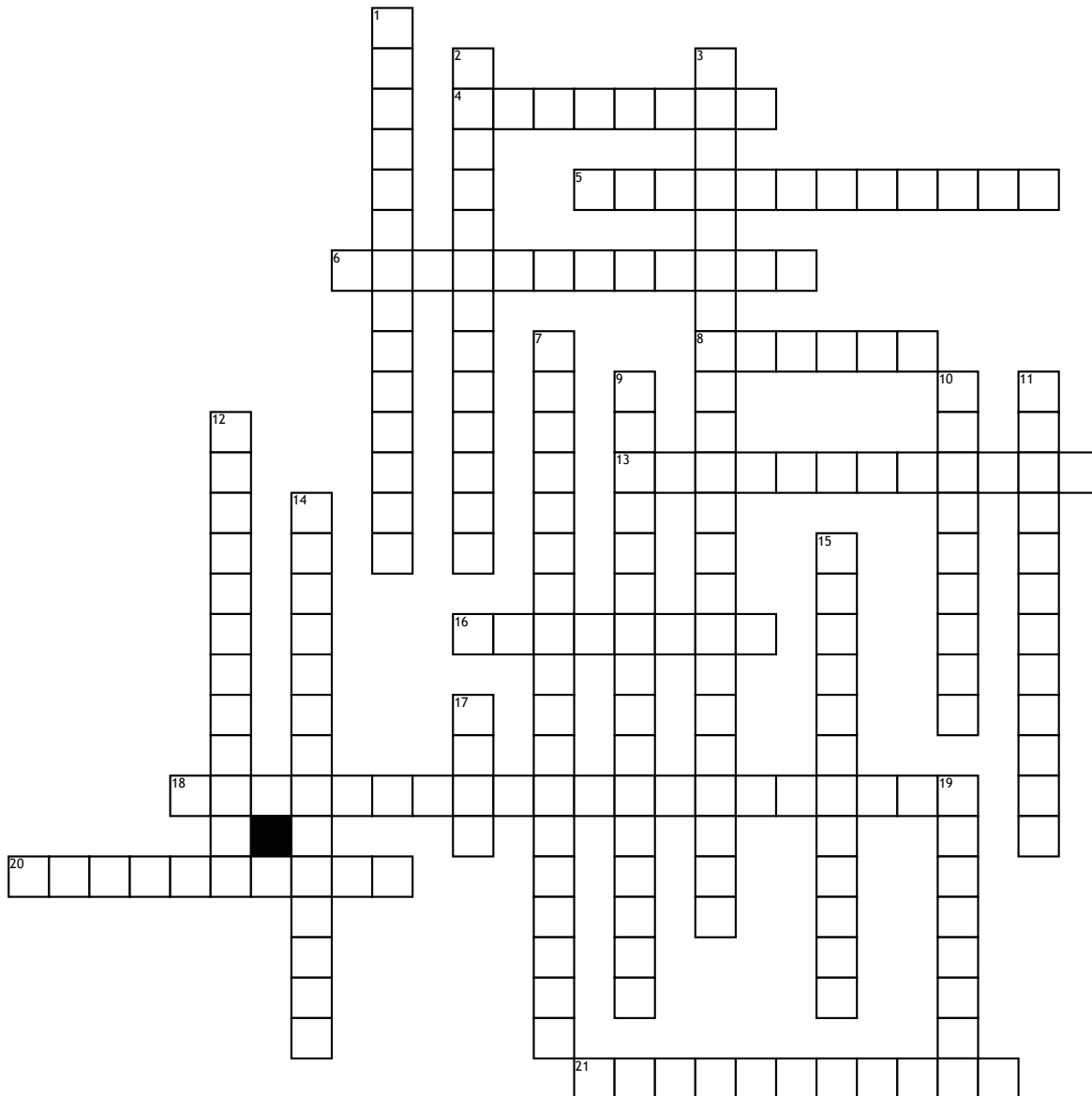


# Brain Anatomy



## Across

- 4. memory and reasoning
- 5. links the nervous system to the endocrine system
- 6. helps with processing sensation and forming it into a perception
- 8. covered by the frontal, parietal, and temporal lobes in the lateral sulcus
- 13. located above the midbrain and includes the thalamus
- 16. the sensory switchboard where most sensory impulses are sent
- 18. controls conscious activities pertaining to the movement of the skeletal muscles

- 20. helps with the body's coordination and maintaining posture

- 21. produces melatonin

## Down

- 1. helps with growth and controls the release of hormones
- 2. processes visual information
- 3. controls unconscious activities like breathing
- 7. helps arouse the cerebral cortex into wakefulness
- 9. controls heartbeat, breathing, and the constriction of blood vessels
- 10. the base of the brain that connects to the spinal cord

- 11. problem-solving

- 12. plays a key role in understanding language

- 14. connects the two hemispheres

- 15. the area of the brain that controls emotional responses and expressions

- 17. helps maintain breathing

- 19. a region of the brain in between the diencephalon and the pons that has a lot of reflex centers