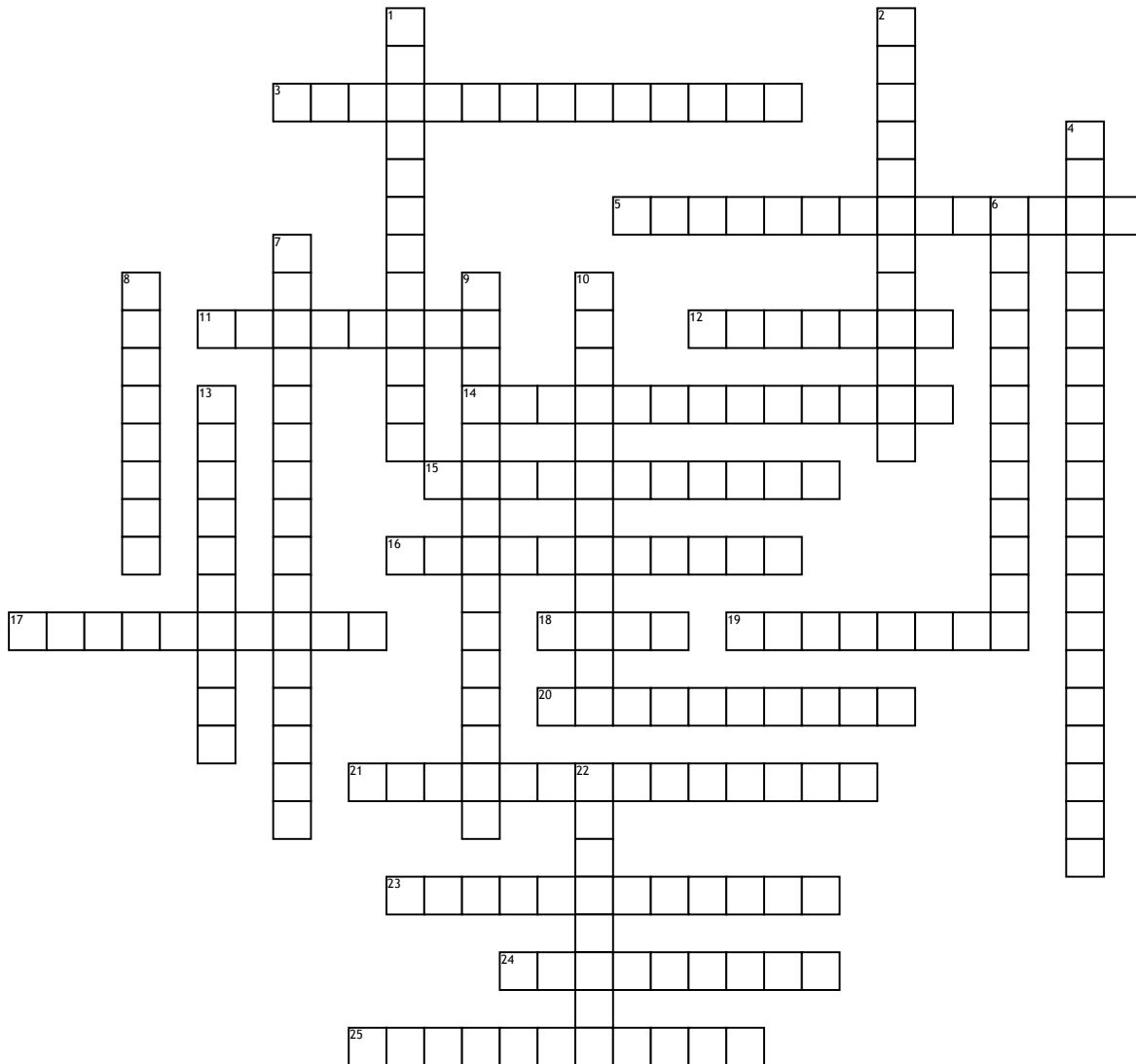


# Parts of the brain and functions



## Across

- 3. integrate motor, sensory, and cognitive performances
- 5. secrete hormones
- 11. serves as a vital connection point between the other major regions of the brain
- 12. digestion, sneezing and swallowing
- 14. visual processing
- 15. thought, memory and behavior
- 16. controls your growing and maturing
- 17. carries messages to and from the brain and the rest of the body
- 18. sleep, respiration, swallowing and bladder control
- 19. Interpreting touch, vision and hearing
- 20. to pump blood into systemic and pulmonary circulations

- 21. controls your thinking, voluntary movements, language, reasoning, and perception. In higher mammals the cortex looks like it has lots of wrinkles, grooves and bumps

- 23. work with the cerebellum to coordinate fine motions, such as fingertip movements

- 24. breathing, heart rate and temperature

- 25. Forms and stores your memories

## Down

- 1. Temperature, hunger and thirst
- 2. hearing, learning and emotions
- 4. control of most bodily functions, including awareness, movements, sensations, thoughts, speech, and memory

- 6. center of our emotions, learning, and memory

- 7. maintaining vital body functions, such as breathing, digestion and heartbeat

- 8. relay motor and sensory signals to the cerebral cortex

- 9. regulate metabolism, growth and development, tissue function, sexual function, reproduction, sleep, and mood

- 10. language and touch

- 13. balance and coordination

- 22. control your emotions such as regulating when you're happy or mad