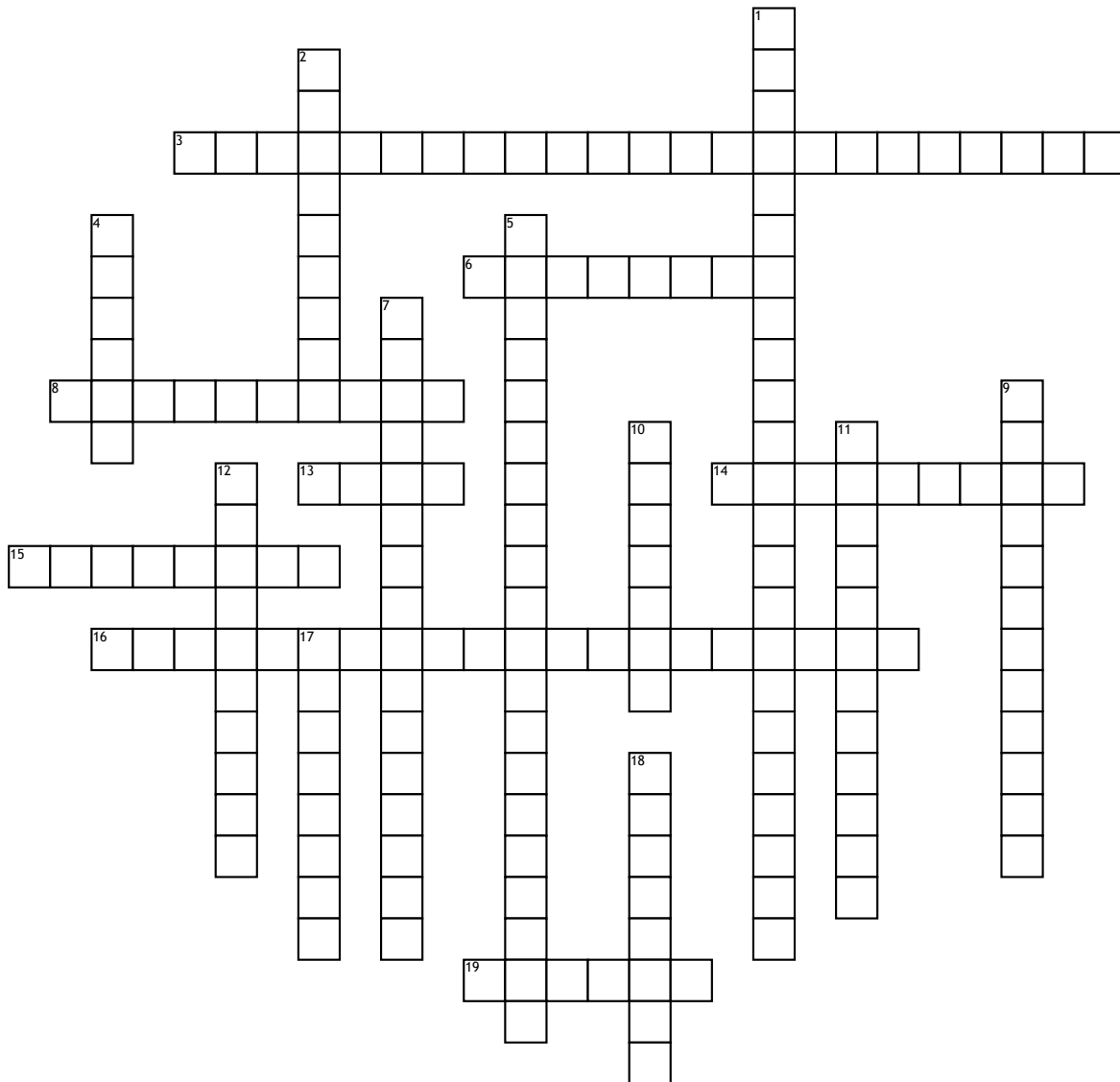


# Nervous Systems



## Across

3. nerves branching from the brain and spinal cord  
 6. top portion of the brain responsible for thought, memory and the senses/ commands for motion  
 8. part in the back of the brain that controls coordination and balance  
 13. Threadline part of a neuron that sends the received signal to another neuron, muscle, or gland  
 14. part in the bottom and back of the brain that controls autonomic functions

15. acting like antennae to receive signals from other nerve cells  
 16. neurons under voluntary control  
 19. the cells that make up the nervous system

## Down

1. neurons that work automatically  
 2. other cells that surround neurons in the brain; they outnumber neurons and and thought to support neurons.  
 4. action performed as a response to a stimulus  
 5. the brain and spinal cord

7. chemical substance containing info sent across the synapse  
 9. fatty covering on the axon that allows messages to be sent faster  
 10. a tiny space between a neuron + the thing it is communicating with  
 11. part in the middle of the brain that filters sensory signals before they are sent to the cerebrum.  
 12. relays info between the brain and the rest of the body  
 17. innate, typically fixed pattern of behavior that acts as a response to certain stimuli  
 18. Each neuron is made up of this.