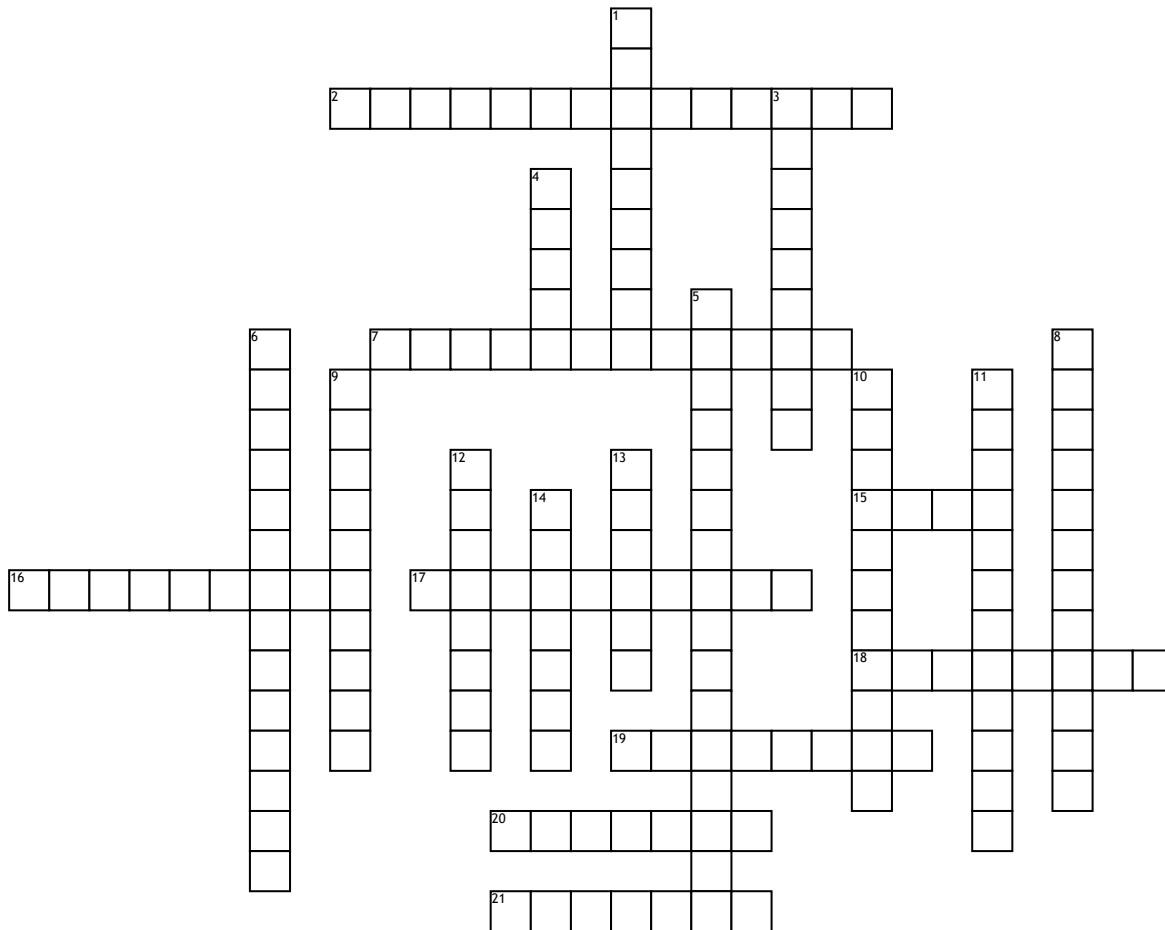


# Nervous System



## Across

2. Neurons that transmit a receptor generated impulse toward the CNS to be processed
7. Fatty insulating covering on some axons
15. Long process of a neuron that carries an impulse away from the cell body
16. A cavity in the interior of the brain
17. Super-highway of nerves protected by the spinal column
18. Largest part of the brain that is divided into hemispheres

19. Covering and protection to the brain and spinal cord

20. Nerves that exit the medulla, pons and midbrain

21. Lobe of brain responsible for higher order thinking

## Down

1. Branch-like arms that transmit impulses to the cell body of a neuron

3. Lobe of the brain responsible for vision

4. Grooves on the surface of the cerebrum

5. Part of brain responsible for life support

6. Connects the two cerebral hemispheres

8. Neurons that transmit impulses away from the CNS to an effector

9. Responsible for movement co-ordination, posture and balance

10. Area of the brain thought to be responsible for Parkinsons disease

11. 31 pairs of these nerves exit the spinal cord

12. Lobe of the brain responsible for hearing

13. A quick and automatic response to a stimulus

14. Region of communication between 2 neurons