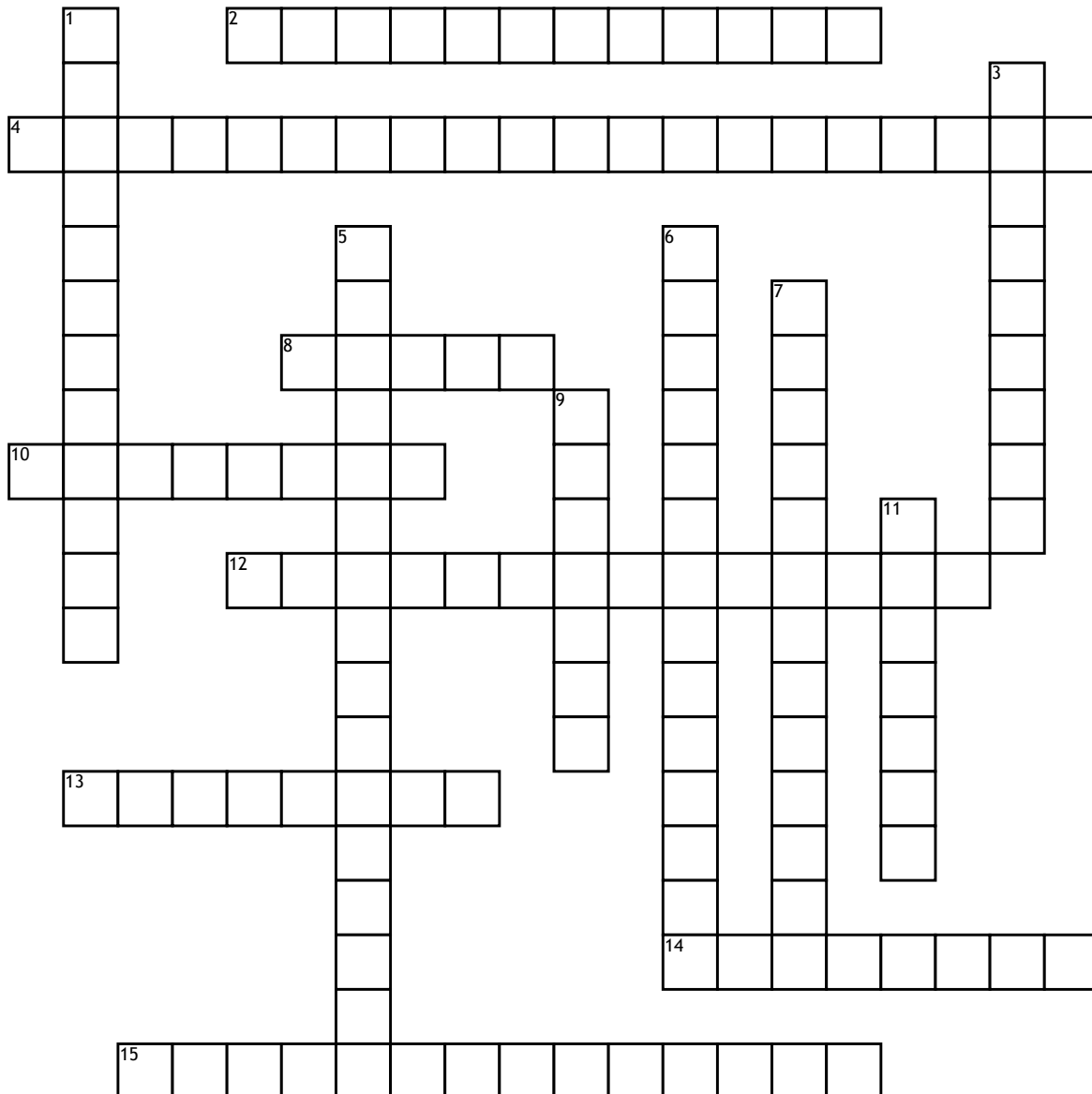


The Nervous System



Across

2. The stage in which a neuron is not carrying an impulse
 4. Consists of the brain and spinal cord
 8. The small gap between the axon of one neuron and the dendrites or cell body of the next neuron
 10. A group of cell bodies outside the central nervous system, within the vertebral canal
 12. Grey matter on the surface of the cerebrum

13. Superior to the hypothalamus and inferior to the cerebrum
 14. The connective tissue that covers the brain and spinal cord
 15. An impulse from the central nervous system to a muscle or gland

Down

1. An area concerned with learning motor skills that require a sequence of movement
 3. The specialized cell found only in the brain and spinal cord

5. A chemical that is released into the the synapse by the arrival of an electrical nerve impulse
 6. Connects the left and right hemisphere
 7. Carrying an impulse from the receptors to the central nervous system
 9. The small gap between the axon of one neuron and the dendrites or cell body of the next neuron
 11. Extends from the spinal cord to the pons and is anterior to the cerebellum