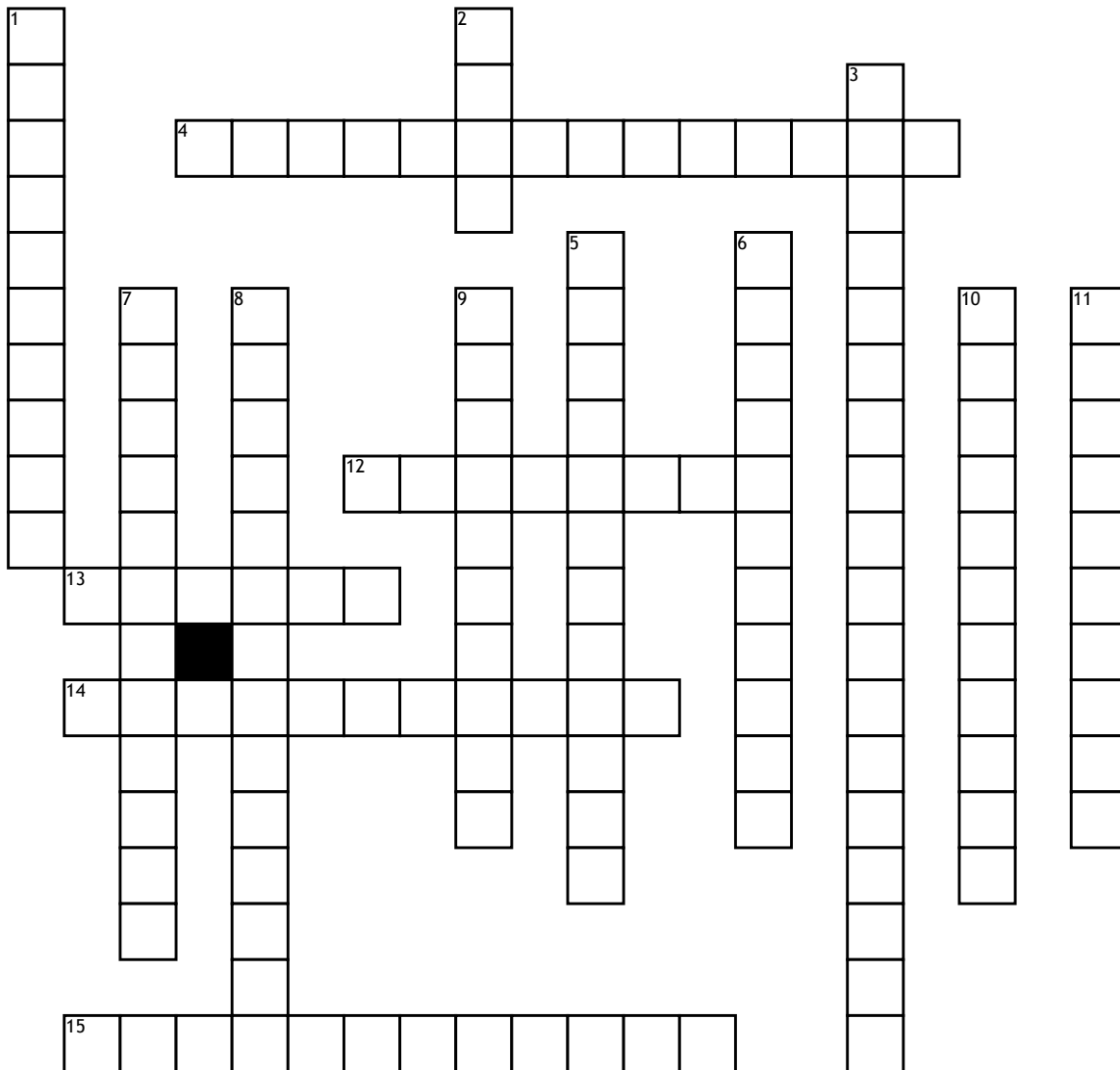


The Nervous System



Across

4. Middle web-like layer of meninges
 12. Internal layer lining to the surface of the brain
 13. A relatively simple, involuntary response to stimulus
 14. Fibre tracts inside the Gray Matter
 15. Monitoring changes occurring inside & outside the body

Down

1. Functions as a conduction pathway & reflex centre
 2. Relay link between brain & spinal cord
 3. Watery cushion formed by the choroid plexus that protects the brain
 5. Form myelin sheath in the peripheral nervous system
 6. Response to integrated stimuli that activates muscles or glands

7. Made up of Thalamus, Hypothalamus & Epithalamus
 8. Protects neuron cell bodies
 9. Double-layered external covering consisting of the Periosteum layer & Meningeal layer
 10. Process & interpret sensory input; decides if action is needed
 11. Outer layer of cerebrum, composed mainly of neuron cell bodies