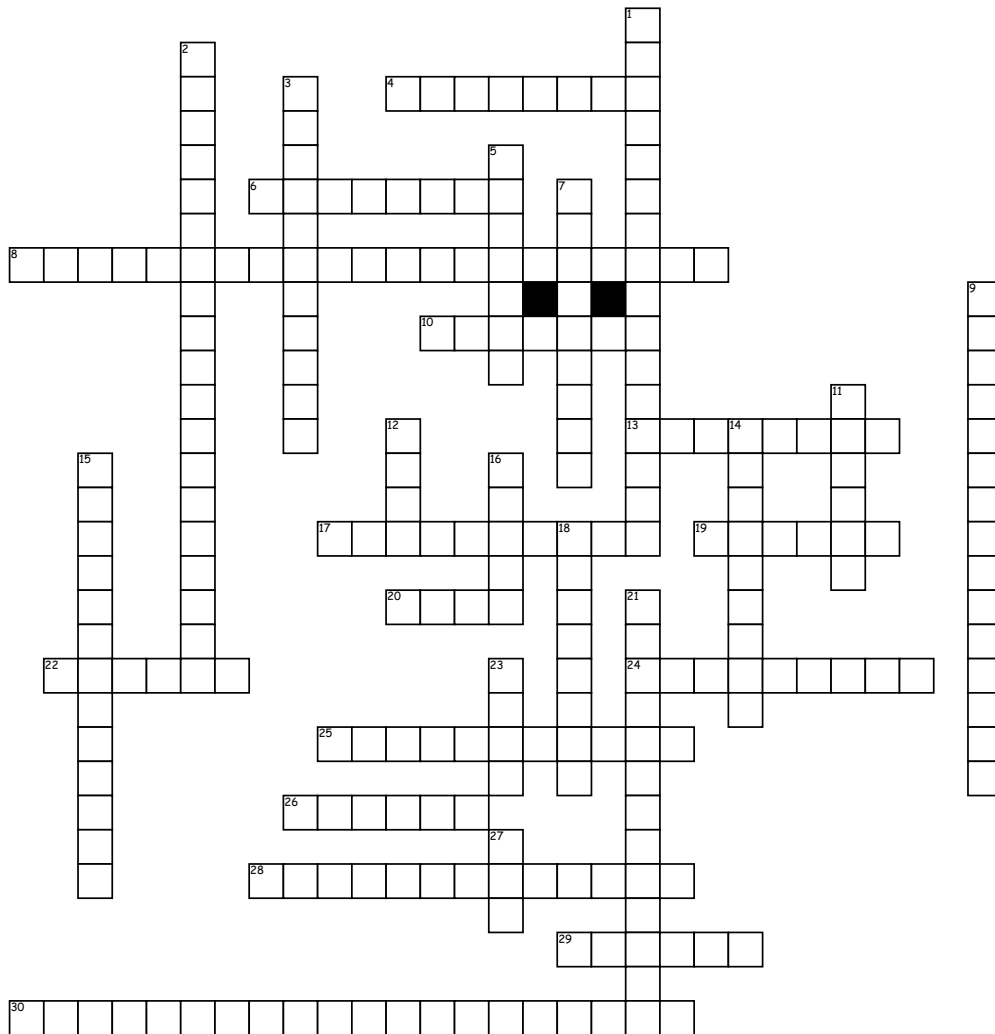


Nervous System



Across

- 4. In the PNS, a cluster of neuron cell bodies
- 6. Conduct nerve impulses TOWARDS the cell body
- 8. GABA
- 10. Region between end of an axon and the cell body, or dendrite to which it is attached
- 13. What is the largest portion of the brain in humans?
- 17. Protective Membranes wrapped around brain and spinal cord.
- 19. Involuntary/automatic response to changes occurring in and out of body
- 20. Which side of the brain controls the right side of the body
- 22. Dendrites and axons sometimes called:
- 24. Nerve glue

- 25. Short Dendrites, Long Axon
- 26. Grey matter on the surface of the brain
- 28. We have 12 pairs of these
- 29. Bunds of axons
- 30. Membrane of the next neuron just beyond the axon synaptic membrane.

Down

- 1. At the ends of dendrites and axons
- 2. The membrane of the axon synaptic ending
- 3. Dendrites and/or axons may be long or short
- 5. Name for nerve cells
- 7. Exterior sense organs
- 9. Swollen terminal knobs on the ends of axon terminal branches

- 11. Clusters of grey matter located deeper within the brain
- 12. Conduct nerve impulses AWAY from the cell body
- 14. Muscle fibres are
- 15. Space between presynaptic and the post synaptic membranes
- 16. Which side of the brain controls the left side of the body
- 18. Receives sensory information from all parts of the body. Channels them to cerebrum.
- 21. Long Dendrite, Short Axon
- 23. Immediately superior to the medulla oblongata
- 27. Lies outside central nervous system. Composed of nerves and ganglie (abbreviated)

Word Bank

Ganglion	Reflex	Synaptic Vesicles	Synaptic Endings	Synapse
Right	Presynaptic Membrane	Cortex	Synaptic Cleft	Neurons
PNS	Meningitis	Pons	Cerebrum	Dendrite
Receptors	Cranial nerves	Effectors	Axon	Motor Neuron
Nerves	Thalamus	Fibres	Sensory Neuron	Post Synaptic Membrane
Left	Gamma Aminobutyric Acid	Neuroglia	Interneuron	Nuclei