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Nervous System

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| **Across**  **3.** A knob-like enlargement at the end of an axon  **7.** A neuron that transmits nerve impulses from a sense organ towards the CNS  **9.** Tough membrane covering the brain and spinal cord  **11.** Shapes and supports neuron  **14.** Receives messages from neuron  **15.** Controls involuntary actions of the smooth muscles, heart, and glands  **17.** The three membranes covering the brain and spinal cord  **19.** Bringing towards an organ in the body  **20.** Lobe; auditory and olfactory  **22.** Occurring involuntarily  **23.** Portion of the nervous system consisting of the brain and spinal cord  **24.** Cell that forms the epithelial lining of the ventricles of the brain  **25.** Narrow grooves on the surface of the brain | **Down**  **1.** Wraps around axon  **2.** Rounded part of the brain; coordinate movement, posture, and balance  **4.** Sends messages to neuron  **5.** Contains both sensory and motor fibers  **6.** A neuron that conveys impulses from the CNS to a muscle or gland  **8.** Lobe; vision  **10.** Neural pathway that controls a reflex  **12.** Controls hunger and thirst  **13.** Directed away from an organ in the body  **16.** Lobe; sensory and taste  **18.** Lobe; language and speech  **21.**  Outside the CNS; including the cranial nerves and spinal nerves |