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The Nervous System

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| **Across**  **2.** branches out of the cells body and receives information from other neurons and pass the message through the cell body  **5.** transmits messages away from the cell body  **6.** a column of nerves about as thick as a thumb that extends from the brain down the back  **9.** brain and spinal corn  **10.** a white fatty substance that insulates and protects the axon  **11.** a junction between the axon terminals of one neuron and the dendrites of another  **12.** transmits sensory messages to the central nervous system  **13.** regulates the body's vital function, such as heartbeat, breathing, digestion, and blood pressure | **Down**  **1.** chemicals that are stored in sacs in the axon terminals  **3.** the smaller fibers branching out at the end of the axon  **4.** produces energy that fuels the neurons activity  **7.** made up of nerve cells that send messages between the central nervous system and other parts of the body  **8.** nerve cells that run through our entire bodies and they communicate with each other |