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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 |