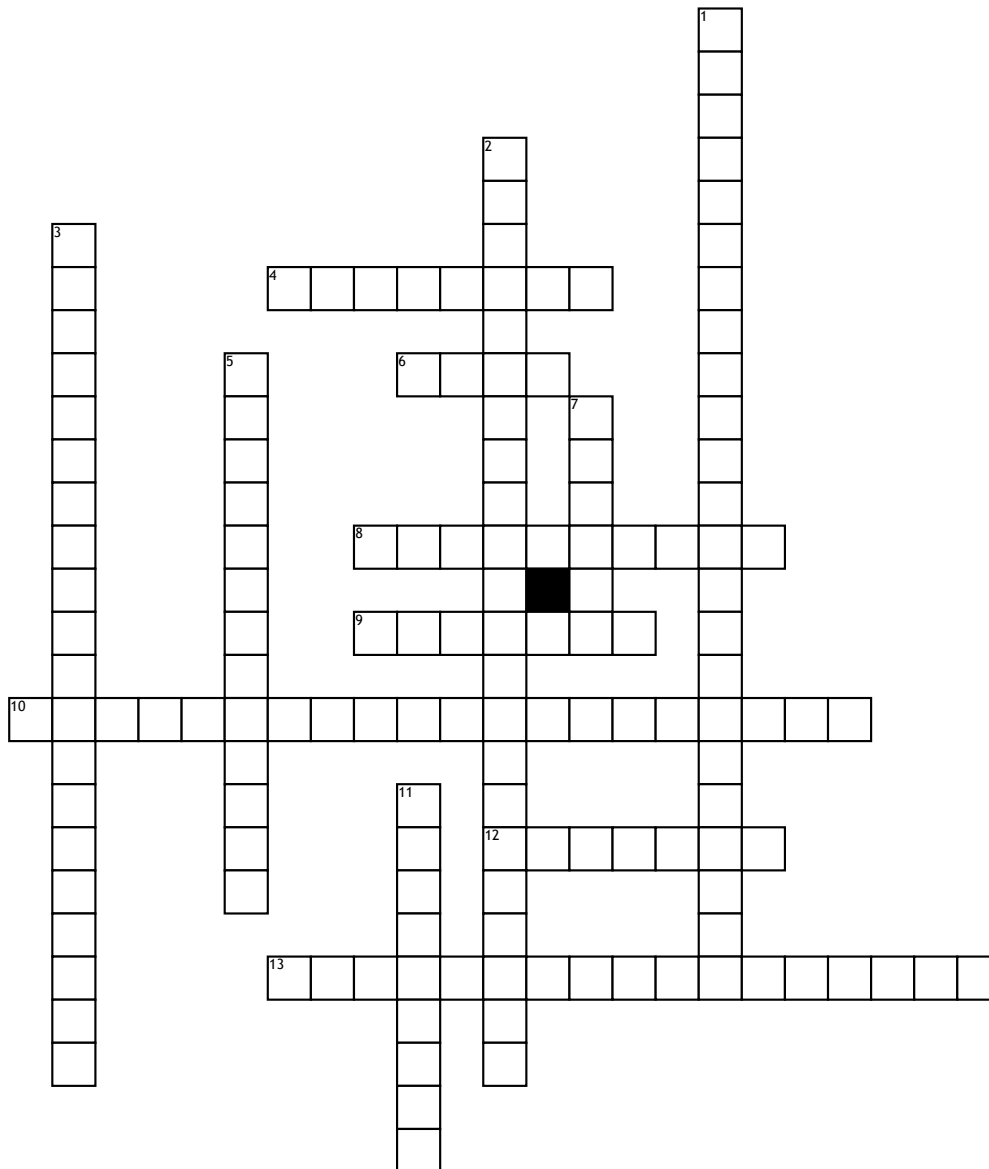


Name: _____

Date: _____

The Nervous System



Across

4. produces energy that fuels the neurons activity
 6. _____ transmits messages away from the cell body
 8. a column of nerves that extend from the brain down the back
 9. Nerve cells running throughout the entire body and communicate with one another
 10. transmits sensory messages to the central nervous system; involved in sensations of heat, cold, pain, & pressure

12. A junction between the axon terminal of one neuron and the dendrites of another neuron
 13. chemicals stored in the axon terminals; released when a neuron sends a message

Down

1. _____ is made up of nerve cells that send signals from the brain and spinal cord to other parts of the body
 2. regulates the body's vital functions , such as heartbeat, digestion, breathing, & blood pressure

3. part of nervous system that consists of brain and spinal cord
 5. small fibers that branch out at the end of an axon
 7. a white fatty substance covering axons; provides insulation, protection, & speeds up transmission of messages
 11. thin fibers branching from the cell body; receive information from other neurons