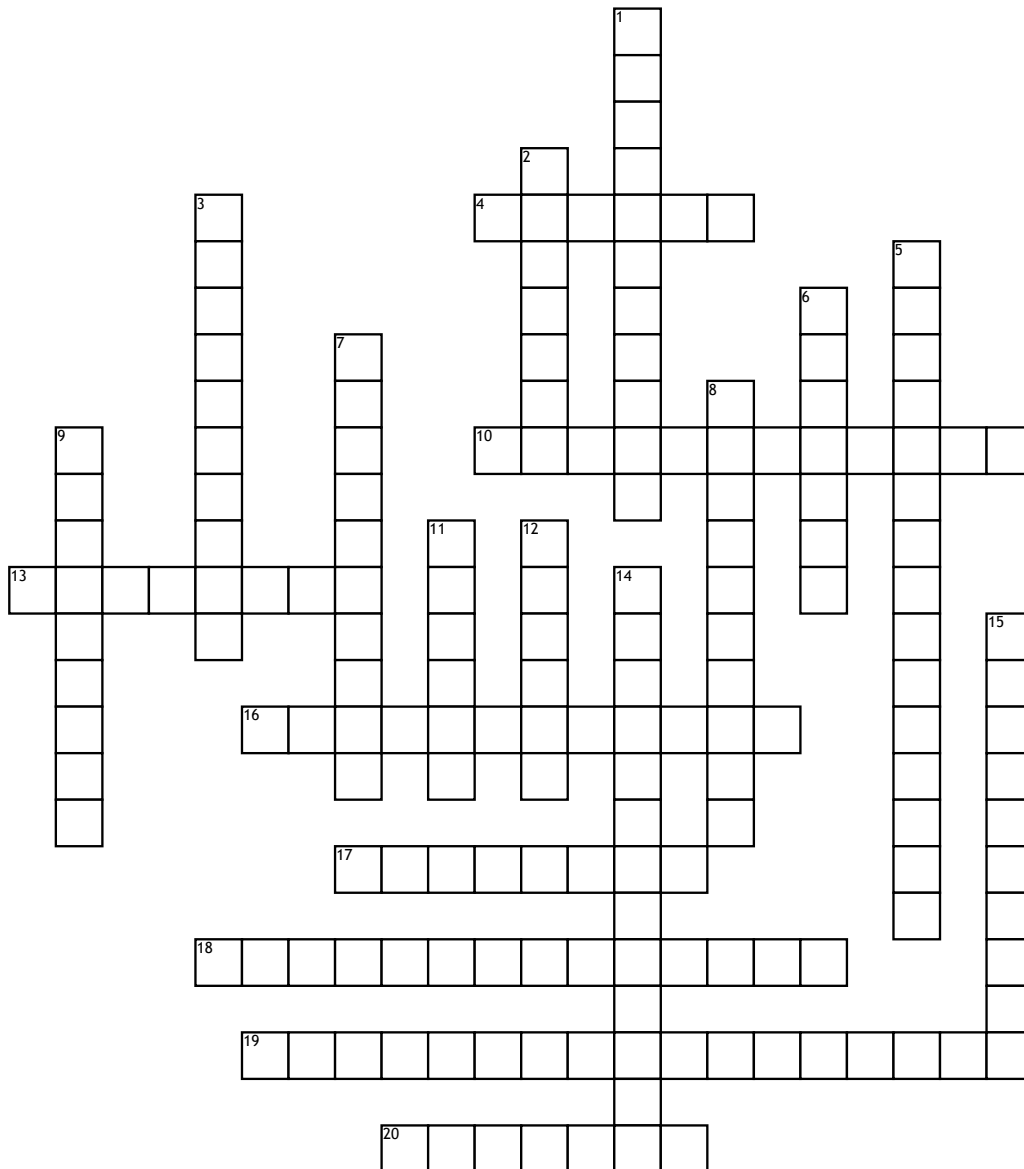


Name: _____

Date: _____

Unit 2 Vocabulary



Across

4. a nerve cell
 10. neurons within the brain and spinal cord that communicate internally and intervene between the sensory inputs and motor outputs
 13. a neurotransmitter's reabsorption by the sending neuron
 16. formation of new neurons
 17. two lima bean-sized neural clusters in the limbic system; linked to emotion
 18. large band of neural fibers connecting the two brain hemispheres and carrying messages between them
 19. chemical messengers that cross the synaptic gaps between neurons
 20. the junction between the axon tip of the sending neuron and the dendrite or cell body of the receiving neuron

Down

1. an area at the rear of the frontal lobes that controls voluntary movements
 2. a visual display of brain activity that detects where a radioactive form of glucose goes while the brain performs a given task
 3. the brain's ability to change
 5. a neural impulse
 6. base of the brainstem; controls heartbeat and breathing
 7. the "little brain" at the rear of the brainstem; functions include processing sensory input and coordinating movement output and balance
 8. natural, opiate-like neurotransmitters linked to pain control and pleasure

9. level of stimulation required to trigger a neural impulse
 11. tissue destruction
 12. a simple, automatic response to a sensory stimulus
 14. a pair of endocrine glands that sit just above the kidneys and secrete hormones that help arouse the body in times of stress
 15. cells in the nervous system that support, nourish, and protect neurons