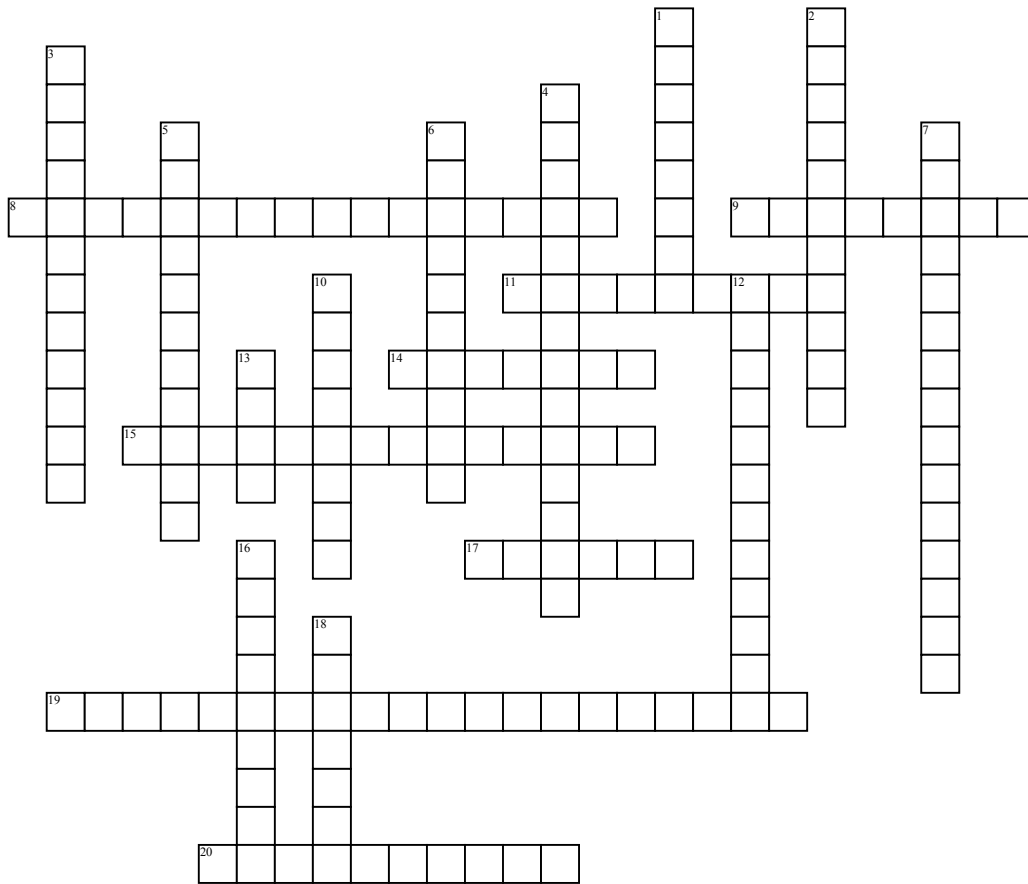


Name: _____

Date: _____

behavoiral health



Across

- 8. chemical messenger that communicates across a synapse
- 9. where neurotransmitter binds
- 11. contains midbrain, madulla and pons
- 14. controls vital body functions
- 15. The prefrontal cortex in myelinated in
- 17. insulating material covering axons; increase conduction
- 19. includes the brain and spinal cord

- 20. maintaining balance and motor coordination

Down

- 1. controls sensory reflexes, movement, pain
- 2. formation of long term memories
- 3. primary somatosensory cortex
- 4. thin layer of gray matter covering cerebral hemispheres
- 5. primary motor cortex and areas responsible for most complex cognitive processes

- 6. cells that form scar tissue in the brain and spinal cord

- 7. electrical signal arising in a neurons axon
- 10. controls sensation, memory, states of consciousness; receives sensory input from most systems
- 12. primary auditory cortex
- 13. control the management of sleep, arousal, facial expression
- 16. excitation of brain activity
- 18. point of communication between neurons

Word Bank

- | | | | |
|------------------|------------------------|-----------------|------------------|
| hippocampus | pons | frontal lobe | cerebral cortex |
| temporal lobe | glial cells | medulla | parietal lobe |
| neurotransmitter | myelin | synapse | thalamus |
| cerebellum | central nervous system | glutamate | brainstem |
| midbrain | receptor | young adulthood | action potential |