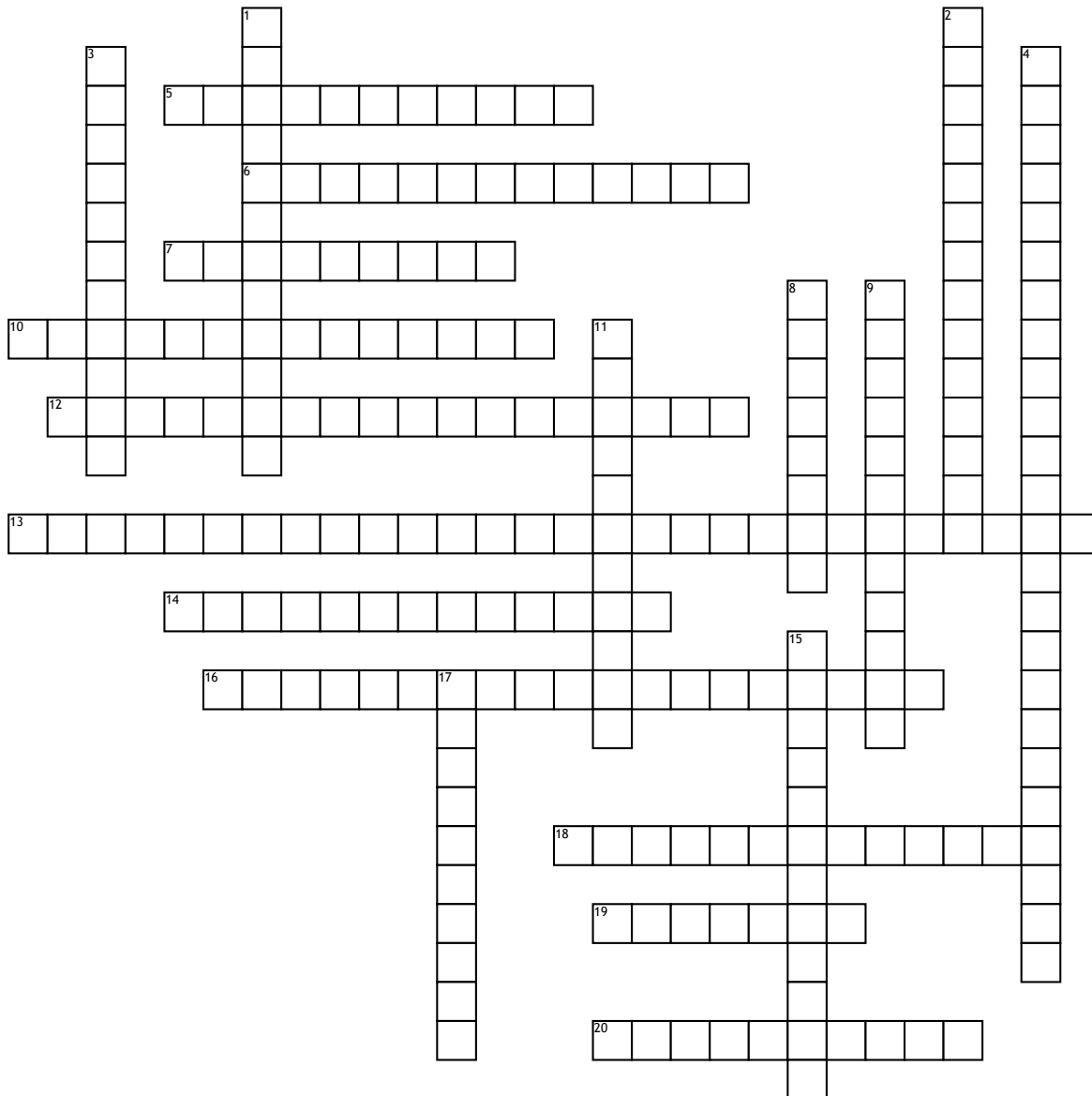


# Assignment 1



## Across

5. a neural center located in the limbic system; helps process for storage explicit memories and events  
6. the portion of the cerebral cortex lying roughly above the ears  
7. the oldest part and central core of the brain beginning where the spinal cord swells as it enters the skull  
10. a thin layer of interconnected neurons covering the cerebral hemispheres  
12. nerve network running through the brainstem and into the thalamus  
13. autonomic nervous system subdivision that calms the body  
14. a large band of neural fibers connecting the two brain hemispheres and carrying messages between them

16. the cerebral cortex area at the front of the parietal lobes

18. the portion of the cerebral cortex lying at the top of the head and toward the rear

19. the base of the brainstem

20. functions include processing sensory input, coordinating movement output and balance, and enabling nonverbal learning and memory

## Down

1. a neural structure lying below the thalamus

2. the portion of the cerebral cortex lying at the back of the head

3. the cerebral cortex area at the rear of the frontal lobes; controls voluntary movements

4. autonomic nervous system subdivision that arouses the body

8. the brain's sensory control center located on top of the brainstem

9. neural system located below the cerebral hemispheres

11. neurons within the brain and spinal cord

15. the portion of the cerebral cortex lying just behind the forehead

17. a condition in which the brain's two hemispheres have been isolated by surgery