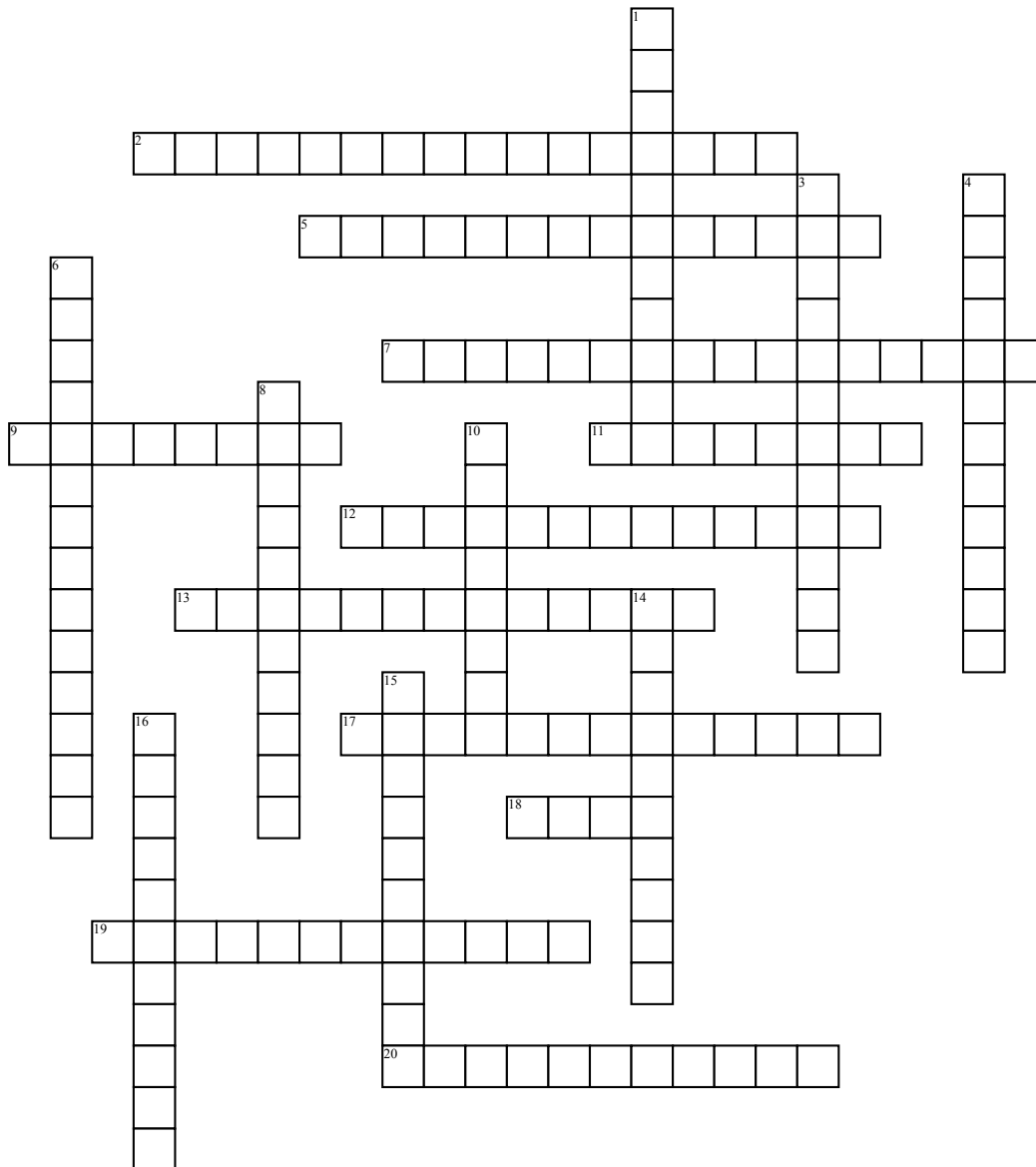


Name: _____

Date: _____

The Human Brain



Across

2. two largest cavities of the ventricular system

5. thin layer of the brain that covers the outer portion

7. long stem-like structure which makes up part of the brainstem

9. serves important functions in motor movement, particularly movements of the eye, and in auditory and visual processing

11. Shown to play a key role in the processing of emotions

12. structure located in the forebrain of vertebrates that receives neural input about odours detected by cells in the nasal cavity

13. visual processing center of the mammalian brain containing most of the anatomical region of the visual cortex

17. responsible for receiving and interpreting sensory information from different parts of the body

18. the part of the brainstem that links the medulla oblongata and the thalamus

19. These lobes are important to the function and processing of sensory information, understanding spatial orientation and body awareness

20. involved in the planning, control, and execution of voluntary movements

Down

1. X-shaped structure formed by the crossing of the optic nerves in the brain

3. region where auditory language and speech comprehension systems are located

4. crucial role in many important functions, including: releasing hormones, regulating body temperature

6. small pea-sized gland that plays a major role in regulating vital body functions and general wellbeing

8. complex brain structure embedded deep into temporal lobe. It has a major role in learning and memory

10. relay motor and sensory signals to the cerebral cortex

14. involved in the expressive aspects of spoken and written language

15. receives information from sensory systems

16. controls important cognitive skills in humans, such as emotional expression, problem solving, memory, language, judgment, and sexual behaviors