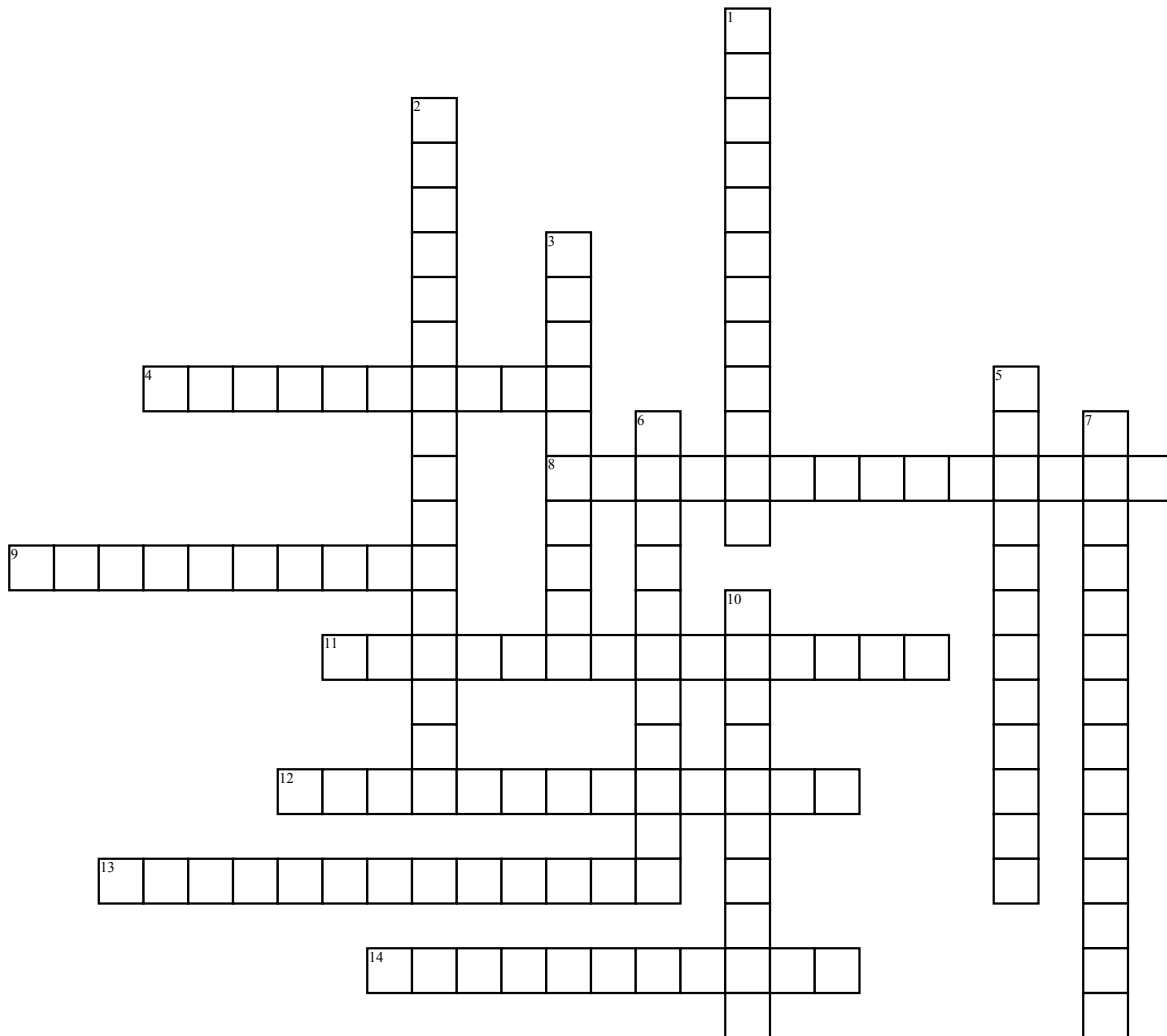


Name: _____

Unit #2- Biological Basis of Behavior/Neuroscience



Across

4. Part of the frontal lobe that can cause trouble in speaking frequently but comprehension is preserved when damaged

8. Top layer of our brain, contains fissures

9. When a person's two hemisphere of their brain are not connected

11. Connects both hemispheres of the brain and ensures that both sides of the brain can communicate and send signals to each other

12. The section of the cerebral cortex which is responsible for receiving and interpreting sensory information from different parts of the body

13. Deals with visual processing

14. The region of the cerebral cortex involved in the planning, control, and execution of voluntary movements.

Down

1. Deals with sound processing (from ears)

2. Sections of the cerebral cortex that are connected to the function of a primary part of the cerebral cortex. They are responsible for thought, memory, and learning, in combination with the primary parts they surround

3. Non-neuronal cells in the central nervous system that do not produce electrical impulses. They maintain homeostasis, form myelin, and provide support and protection for neurons

5. Contains Somatosensory Cortex, responsible for sense of touch

6. Deals with planning, maintaining emotional control, and abstract thought

7. Part of temporal lobe that when damaged can cause a person to be unable to understand language in both spoken & written form

10. The ability of neural networks in the brain to change through growth and reorganization