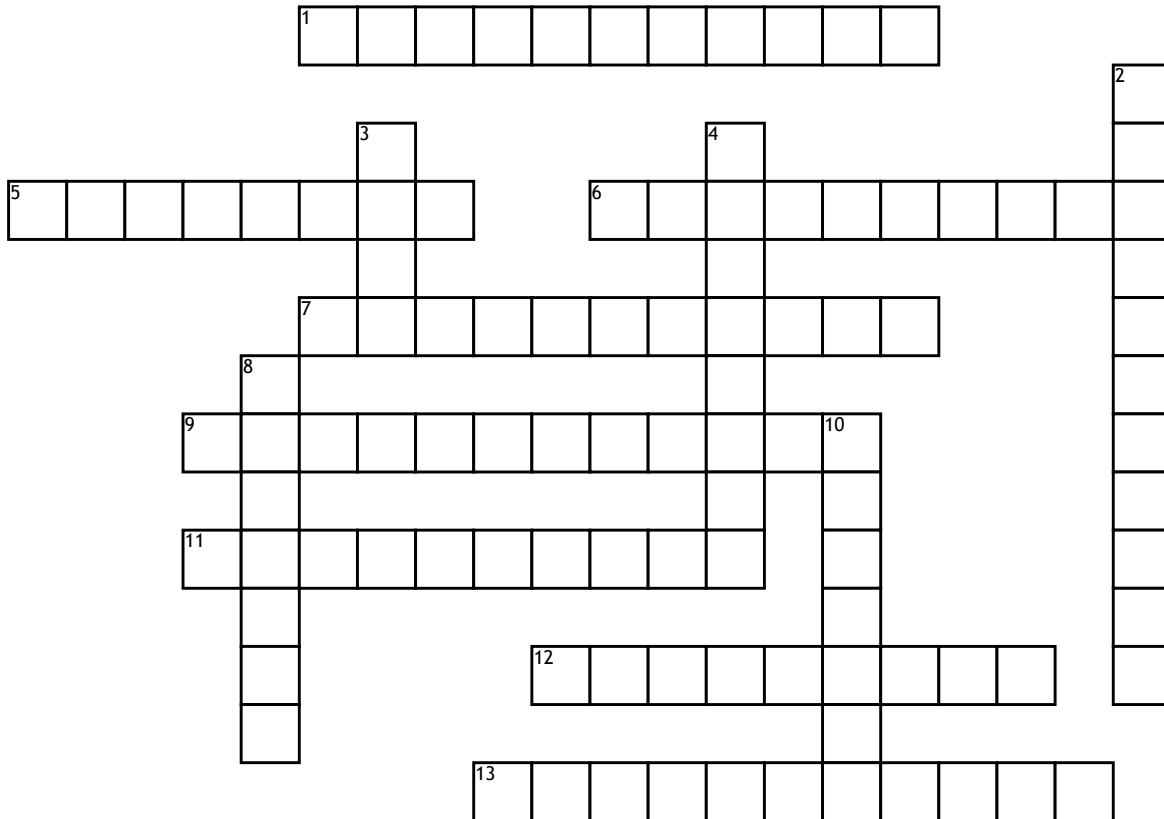


THE BRAIN



Across

1. The process by which the action potential or electrical impulse is carried down the axon is termed__.
5. Shortly after the chemical is released, it activates the neurons or an end organ by interacting with a special protein called a _____.
6. The ___ is responsible for coordinating the brains outgoing motor signals.
7. The process by which the action potential or electrical impulse is carried down the axon is termed ____.

9. A more empirical approach to the mind-brain problem that is widely accepted by many scientists is ____
11. You are born with nearly all of the _____ you will have in your lifetime
12. All the cells in the human body are surrounded by ____, a membrane bilayer that separates and protects the intracellular environment from the extracellular environment.
13. A large number of axons extend inward from the cortex and form what is known as ____.

Down

2. The cerebral cortex is divided into two distinct
3. There are __ principles of connection specificity.
4. _____, amino acids attached in a short or long string designed to carry out a specific function, act to regulate the internal environment of the cell.
8. The brain is made up of 180 billion
10. The __ is directly above the spine and is in many ways an extension of it.