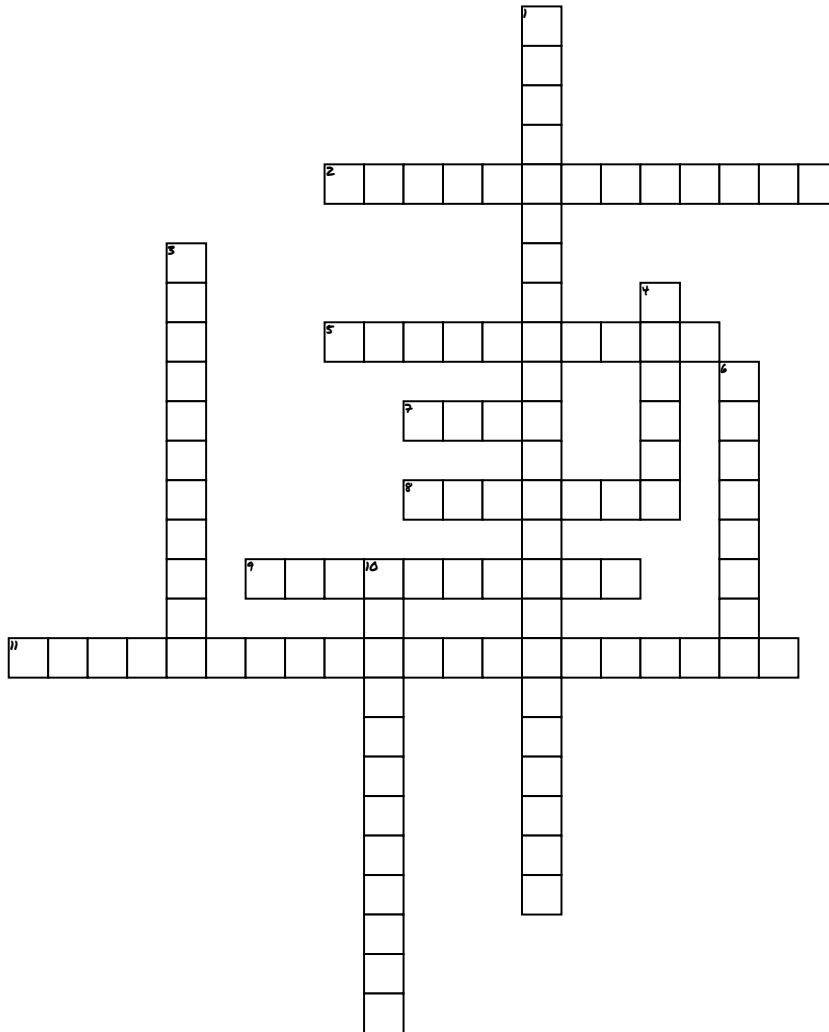


NERVOUS SYSTEM



ACROSS

- 2. E ROUTE THAT NERVE IMPULSES TRAVEL
- 5. RESPONSIBLE FOR PROCESSING INFORMATION
- 7. USUALLY ONLY ONE PER CELL; SENDS INFORMATION AWAY FROM THE CELL BODY
- 8. NERVE CELLS THAT ARE SPECIALIZED TO REACT TO PHYSICAL AND CHEMICAL CHANGES IN THEIR SURROUNDINGS
- 9. LARGE BUNDLE OF NERVES CONNECTING BRAIN TO THE NERVES THROUGHOUT THE BODY
- 11. CONTROL CENTER OR BODY

DOWN

- 1. NERVES THAT CONNECT THE WHOLE BODY TO THE CENTRAL NERVOUS SYSTEM
- 3. TRANSMITS NERVE IMPULSES
- 4. BUNDLES OF AXONS; A CORDLIKE BUNDLE (OR GROUP OF BUNDLES) OF NERVE FIBERS WITHIN LAYERS OF CONNECTIVE TISSUE
- 6. PART OF A NEURON THAT RECEIVES ELECTROCHEMICAL MESSAGES
- 10. THE ELECTROCHEMICAL PROCESS OF DEPOLARIZATION AND REPOLARIZATION ALONG A NERVE FIBER; HOW NEURONS TRANSMIT INFORMATION

WORD BANK

NERVE IMPULSE

NERVES

GREY MATTER

CENTRAL NERVOUS SYSTEM

AXON

NERVE PATHWAYS

NEURONS

SPINAL CORD

PERIPHERAL NERVOUS SYSTEM

WHITE MATTER

DENDRITE