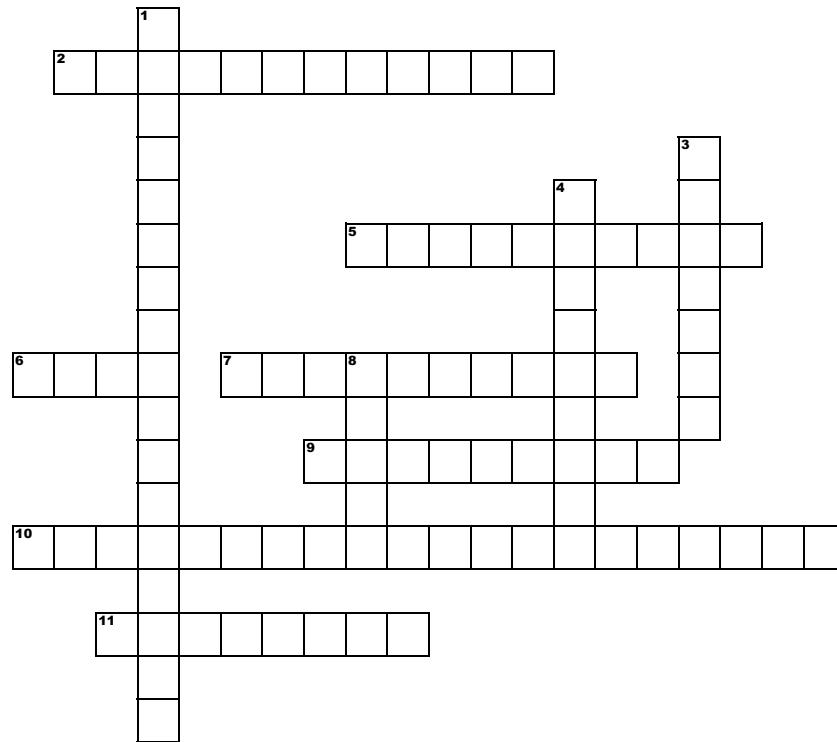


# The Nervous System



## Across

**2.** Fatty insulated sheath that surrounds all but the smallest nerve fibers.

**5.** Second largest part of the brain; Located at the back of the skull; Coordinates balance and movement.

**6.** Long fiber that carries impulses away from cell body

**7.** Controls reflexes; Carries signals from brain to the body  
**9.** Connects brain to the spinal cord; Controls involuntary actions.

**10.** Relays messages, processes information, and analyzes information.

**11.** Largest part of the brain; Responsible for voluntary and educated actions; Located in 2 different lobes.

## Down

**1.** Contained in sacs in axon terminals; released to cause stimulus in the next cell; chemicals

**3.** Cells that transmit impulses

**4.** Short branch extensions that carry impulses towards the cell body

**8.** a bundle of fibers running to organs and tissues in the body.