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.

Name: ___________________________________________  Date: ________________