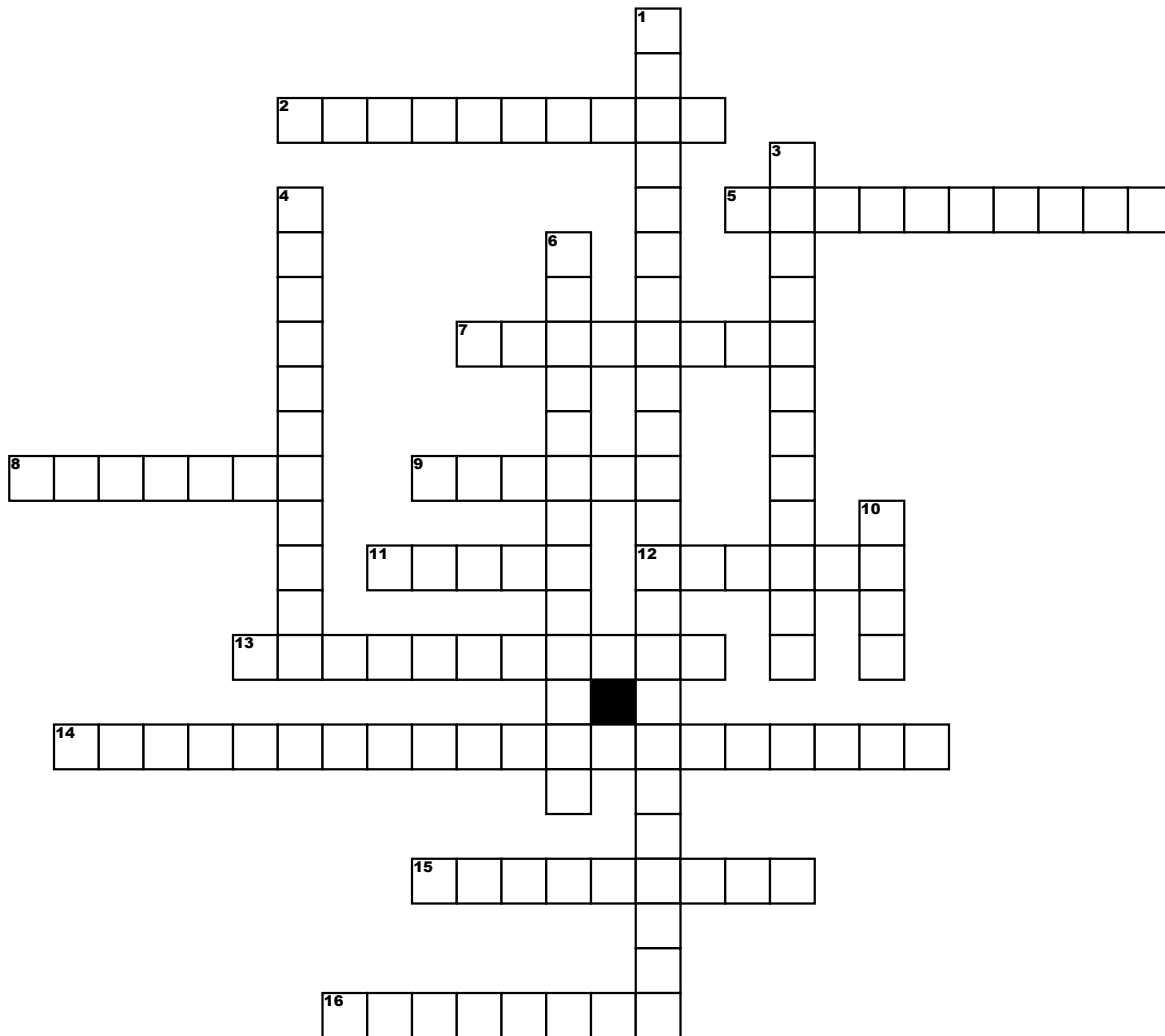


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Nervous System Crossword



## Across

**2.** The thick column of nerve tissue that is enclosed by the vertebrae and that links the brain to most of the nerves in the peripheral system.

**5.** The part of the brain that coordinates the actions of the muscles and helps maintain balance.

**7.** A threadlike extension of a neuron that carries nerve impulses toward the cell body.

**8.** The tiny space between the tip of an axon and the next structure.

**9.** A cell that carries messages through the nervous system.

**11.** The part of the central nervous system that is located in the skull and that controls most functions in the body.

**12.** An automatic response that occurs very rapidly and without conscious control.

**13.** A neuron that carries nerve impulses from one neuron to another

**14.** The brain and the spinal cord; the control center of the body.

**15.** The part of the brain that controls many body functions that occur automatically.

**16.** The part of the brain that interprets input from the senses, controls the movement of skeletal muscles, and carries out complex mental processes.

## Down

**1.** All the nerves located outside the central nervous system; connects the central nervous system to all parts of the body.

**3.** A message carried by a neuron.

**4.** A neuron that sends an impulse to a muscle, causing the muscle to contract.

**6.** A neuron that picks up stimuli from the internal or external environment and converts each stimulus into a nerve impulse

**10.** A threadlike extension of a neuron that carries nerve impulses away from the cell body.