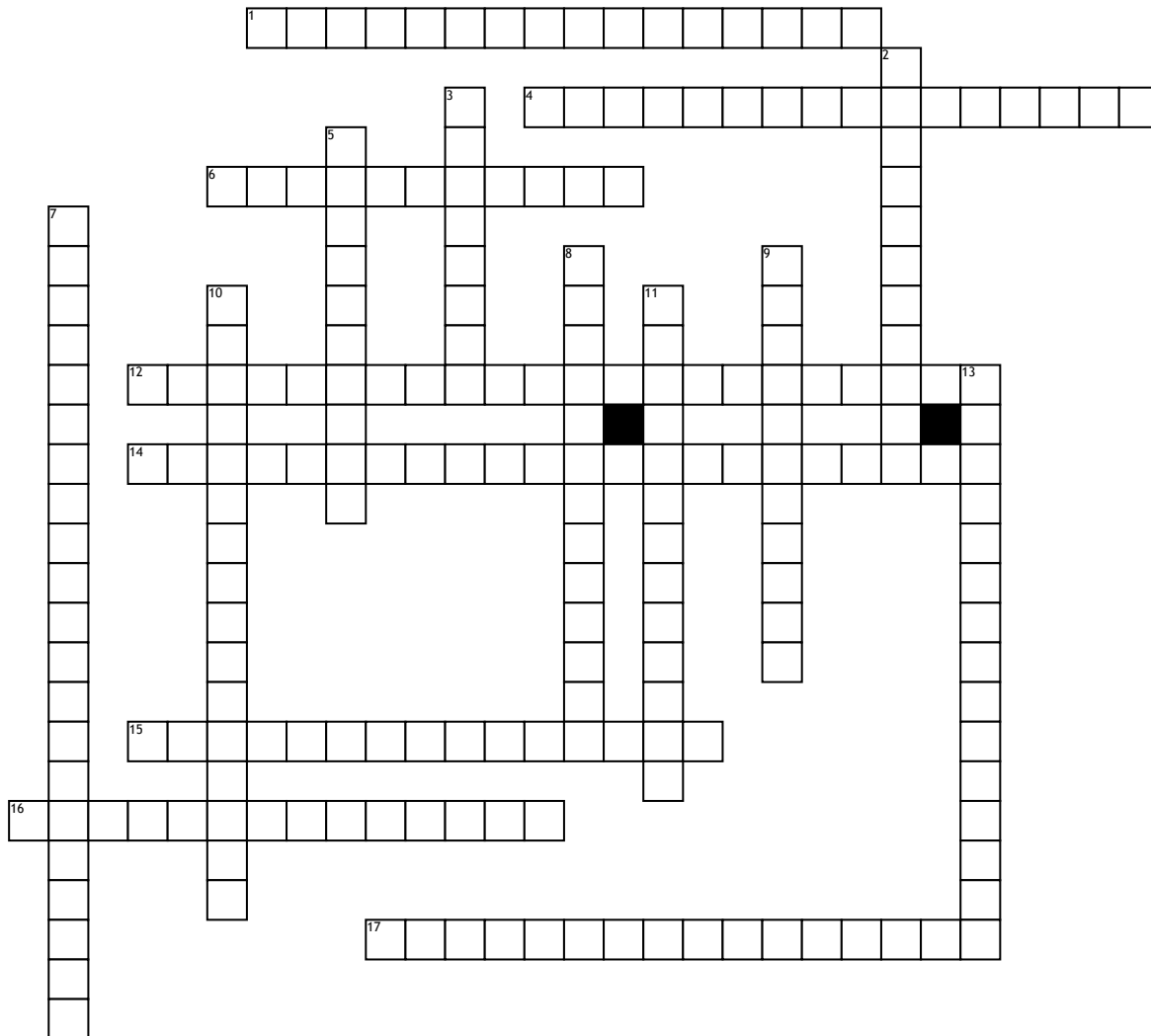


Human Biology Nervous System



Across

1. carries sensory information into the CNS by sensory neurons from receptors in the skin around the muscles and joints
4. a mechanism of response in which a stimulus initiates reactions that reduce the stimulus
6. Fibres that carry impulses away from the CNS
12. bring impulses from internal organs
14. The part of the peripheral nervous system that controls involuntary movement of the heart, glands, lungs, and other organs.

15. Consists of glands that control many of the body's activities by producing hormones.

16. A cycle of events in which the status of a body condition is monitored, evaluated, changed, re-monitored, reevaluated, and so on.

17. division of nervous system which carries impulses away from the CNS, carries motor commands to muscles and glands

Down

2. contains axons of motor neurons
3. A change in an organism's surroundings that causes the organism to react
5. contains axons of sensory neurons

7. bring impulses from the skin and muscles

8. Fibres that carry impulses into the CNS

9. The process of keeping the environment inside the body fairly constant.

10. A type of regulation that responds to a change in conditions by initiating responses that will amplify the change.

11. the network of nerve cells and fibres that transmits nerve impulses between parts of the body.

13. The part of the peripheral nervous system that specializes in the control of voluntary movements and the communication of information to and from the sense organs.