

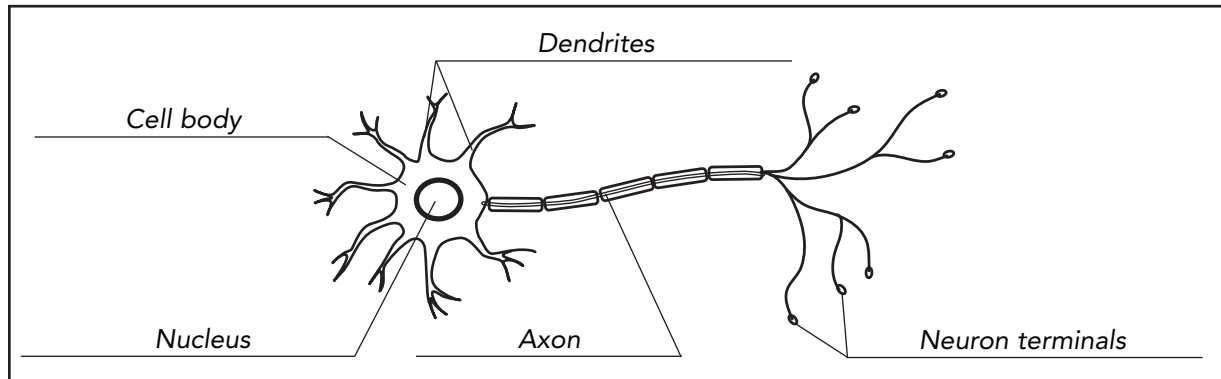
NEURONS AND THE NERVOUS SYSTEM

Complete this concept review handout and keep it as a record of what you have learned.

DEFINITIONS

- The nervous system receives, processes, stores and transmits information that comes from various parts of the body and the external world.
- It is composed of the central nervous system (the brain and spinal cord) and the peripheral nervous system (the nerves).
- A neuron is a specialized nerve cell in the nervous system that receives and transmits messages.
- "Stimulus" is anything that can be perceived by a living organism and that can trigger a reaction. Sound, light, heat, electrical shocks, odours and hormones are examples of stimuli.
- A nerve impulse is an electrical signal transmitted by a neuron.
- A synapse is the transition zone between two neurons that allows a nerve impulse to be transmitted.
- A nerve is a structure that helps transmit information between the central nervous system and various regions of the body.

ANATOMY OF A NEURON



TRANSMISSION OF NERVE IMPULSES

