

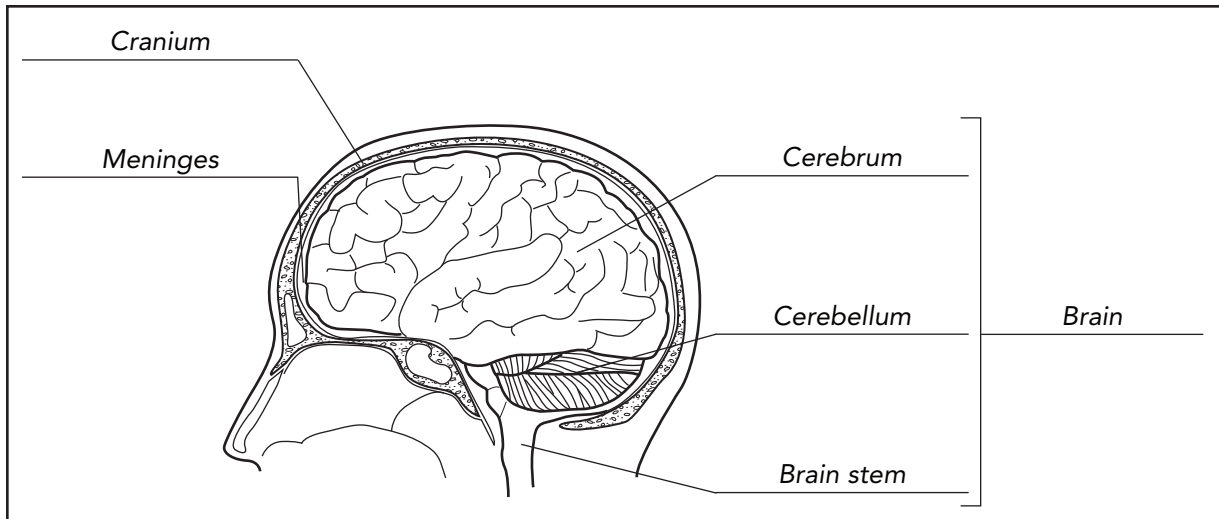
THE CENTRAL NERVOUS SYSTEM

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

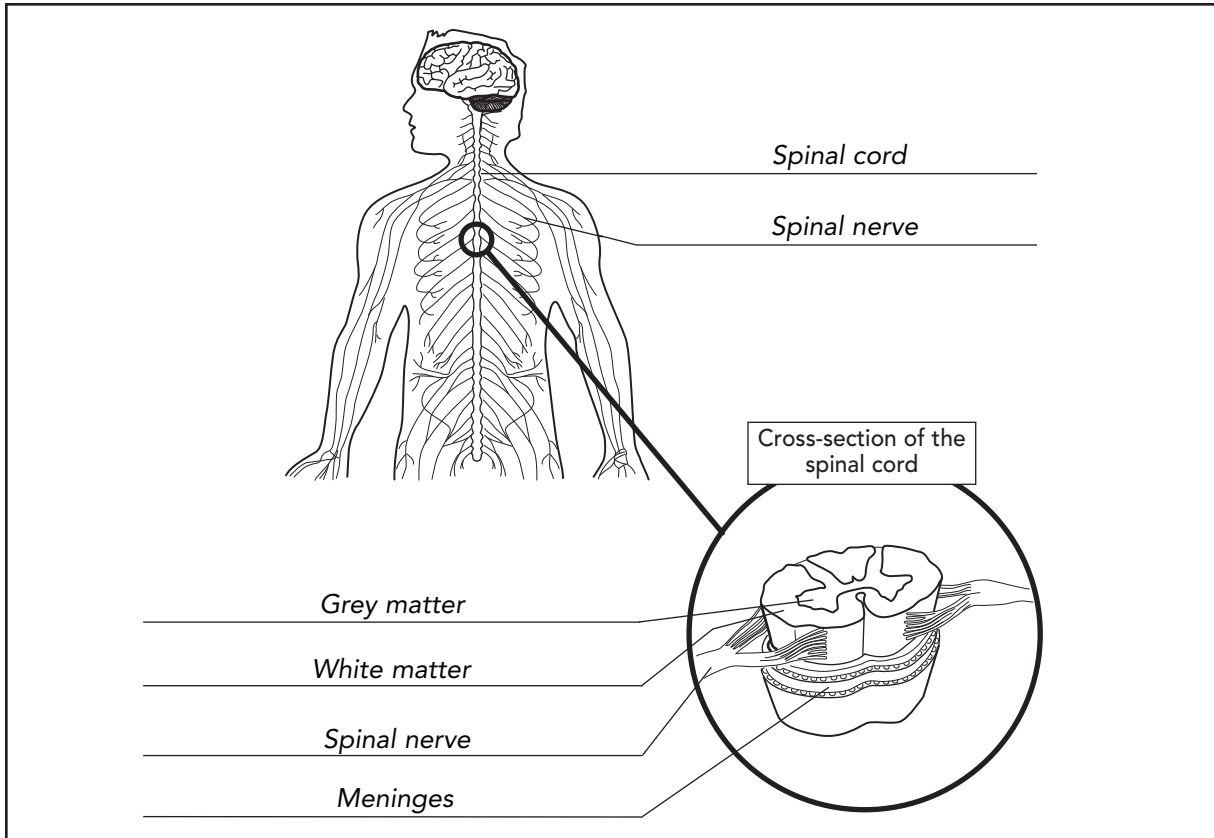
DEFINITIONS

- The central nervous system coordinates a major part of the nervous system activities.
- The brain is composed of the parts of the central nervous system located in the cranium.
- The cerebrum is is the control central of voluntary movement, sensory interpretation and intelligence. It is the centre of emotion and of regulating physiological functions.
- The cerebellum is the centre of balance and movement coordination.
- The brain stem is the control centre of internal stimuli as well as of involuntary movement.
- The spinal cord is a nervous system organ that carries information from the various parts of the body to the brain. It is also the reflex centre.
- A reflex is a rapid and involuntary reaction to a stimulus.
- A reflex arc is the path taken by a nerve impulse during a reflex.

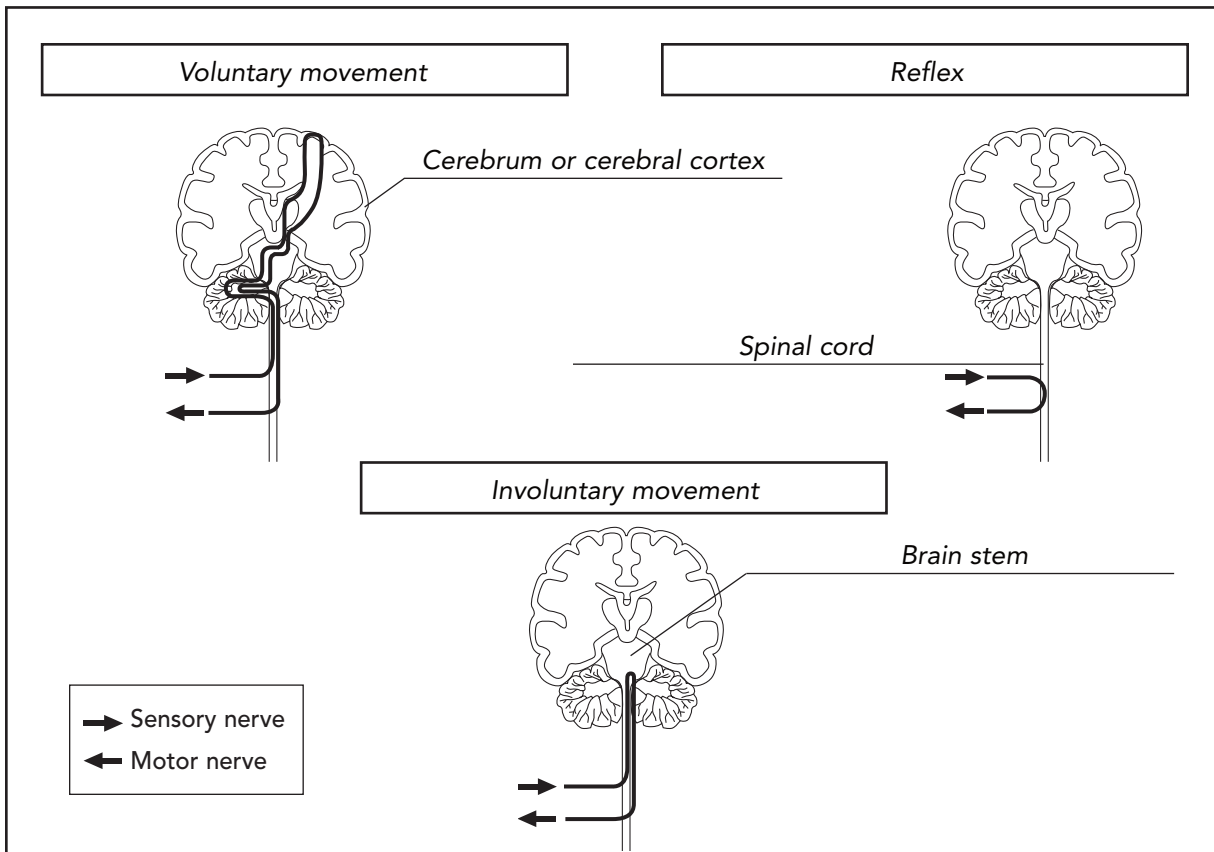
ANATOMY OF THE BRAIN



ANATOMY OF THE SPINAL CORD



THE PATH OF A NERVE IMPULSE



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