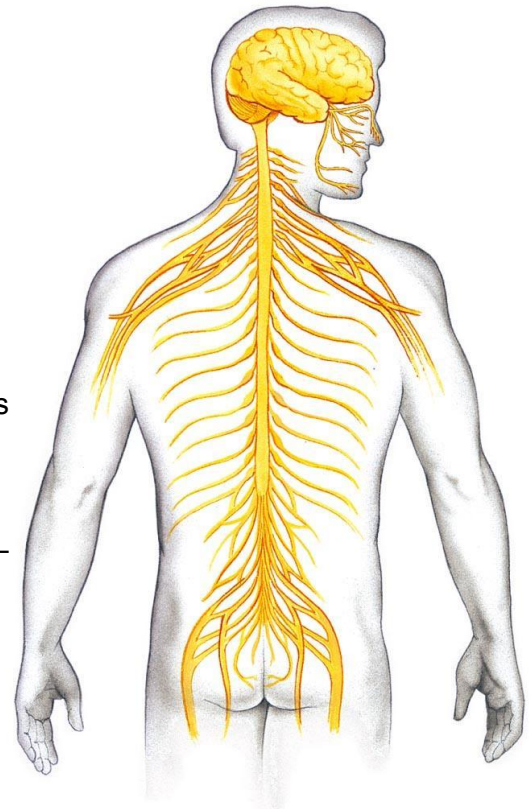


Organization of the Nervous system

Overview

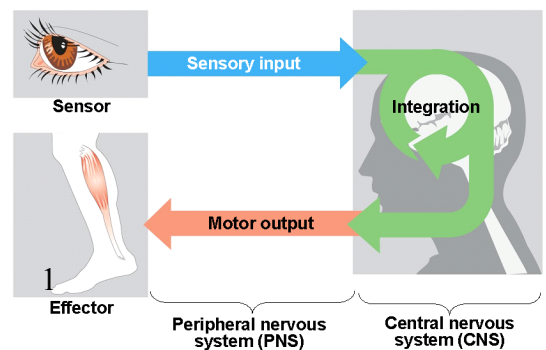
- The human brain contains about _____ billion nerve cells, or _____
- Each neuron may communicate with _____ of other neurons
- All animals except _____ have a nervous system
- The central nervous system consists of a _____ and _____
- The peripheral nervous system contains all the _____ to relay information from the _____ to the _____.
- It also controls _____ body responses such as _____ and breathing.
- Nerve tissue is made up of cells called _____.
- _____ in the human brain
- Conduct _____ (nerve impulses) from one area to another
- Insulated by _____



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Nervous systems process information in three stages:

— _____
— _____



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Sensory Receptors

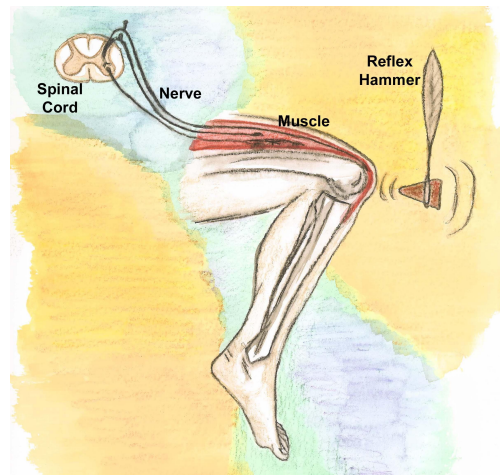
- Special cells or tissues that receive input from the _____ and send signals along the _____ nervous system to the _____ nervous system.
- _____ and _____ have sensory receptors.
- Information goes to _____ of the brain.

Parts of the Brain that process certain information

Reflexes

- Reflexes are actions that do not require involvement of the _____.
- *Examples:*

- _____
- _____
- _____



Diseases of the Nervous System

- _____
- _____
- _____
- _____
- _____
- _____

