

**voluntary
actions**

feeling

breathing

heart beating

thinking

**involuntary
actions**

walking

bowels moving

Central Nervous System

Peripheral Nervous System

brain

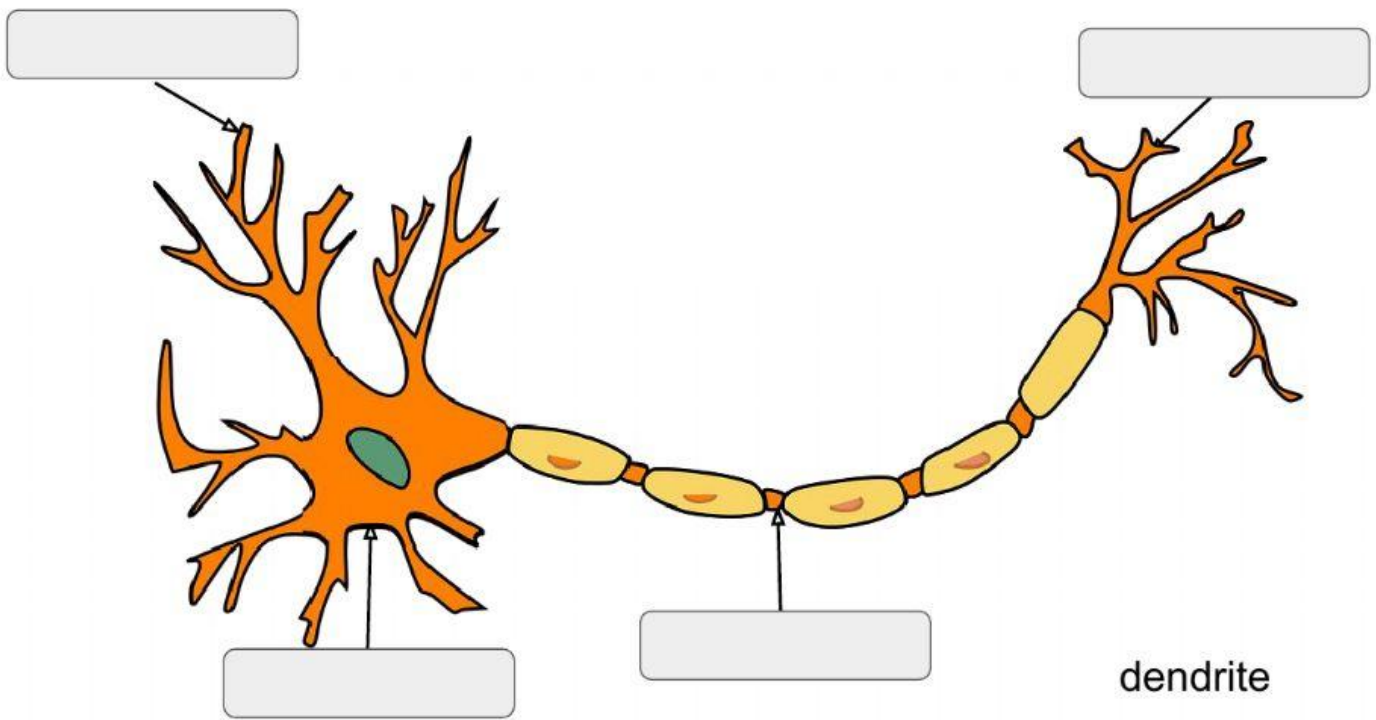
sensory nerves

conduction of signals

motor nerves

analysis of information

spinal cord

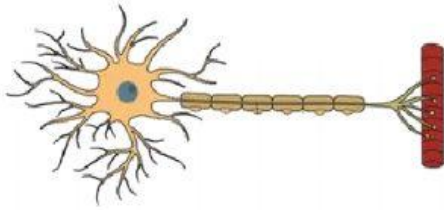


soma

axon

axon terminals

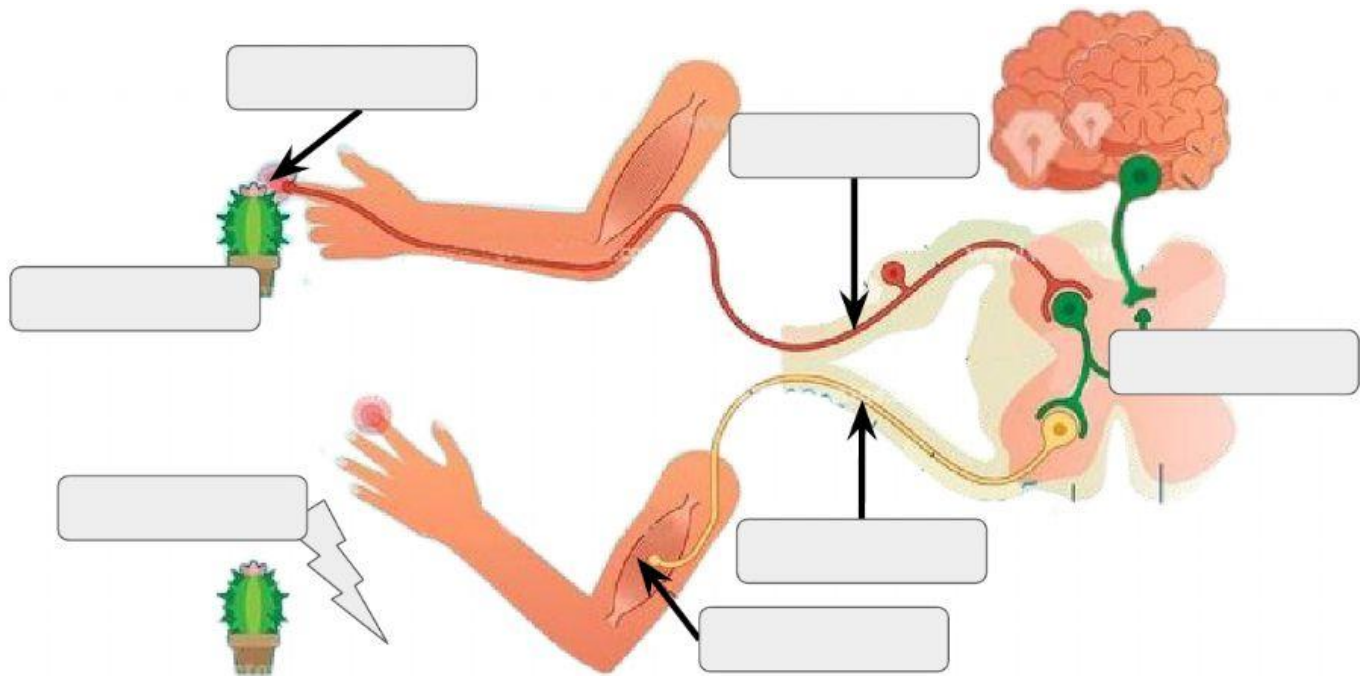
dendrite



sensory neuron

interneuron

motor neuron



motor neuron

effector

sensory neuron

stimulus

processing of signals

receptor

response

