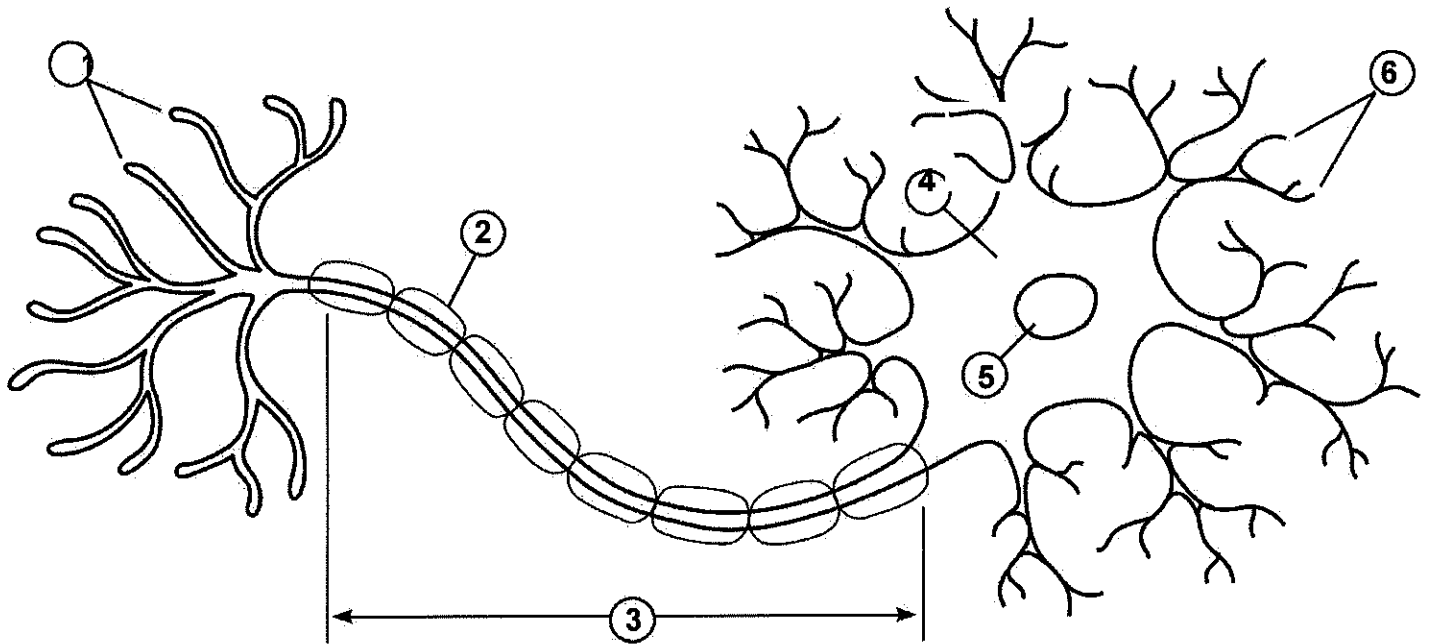


Part 1. Neuron Anatomy Activity

The parts of the neuron have been labeled. Your challenge is to write the correct name for each part and explain what it does. If you need some help, visit the web article listed below.



1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

Neuron Anatomy Activity- KEY

Answers for the diagram on page 1.

1. **Synapses:** Send electrical impulses to neighboring neurons.
2. **Myelin sheaths:** Cover the axon and work like insulation to help keep electrical signals inside the cell, which allows them to move more quickly.
3. **Axon:** Transfers electrical impulse signals from the cell body to the synapse.
4. **Soma:** The cell body which contains most of the cell's organelles
5. **Nucleus:** Contains the cell's DNA
6. **Dendrites:** Receive electrical impulses from neighboring neurons.

Part 2. Divisions of the Nervous System

Directions: In the space below, create a flow chart of the divisions of the nervous system. It has been started for you.

Central Nervous System

Peripheral Nervous System