

Conceptual Biology

Chapter 12: The Nervous System

The Nervous System

1. The two main parts of the nervous system are the _____
and _____.

The central nervous system consists of the _____ and
_____.

2. The three types of neurons are _____,
_____, and _____.

Messages from the senses to the central nervous are carried by

_____. Neurons that connect one neuron to another neuron are

_____. Messages are carried from the central nervous system

to muscle cells or to other responsive organs by _____.

3. Motor neurons are further divided into two groups,
the _____,
which controls voluntary actions and stimulates our voluntary muscles,
and the _____
which controls involuntary actions and stimulates involuntary muscles
and other internal organs.



The autonomic nervous system, includes a _____

that promotes a “fight or flight” response and a _____

that operates in times of relaxation.

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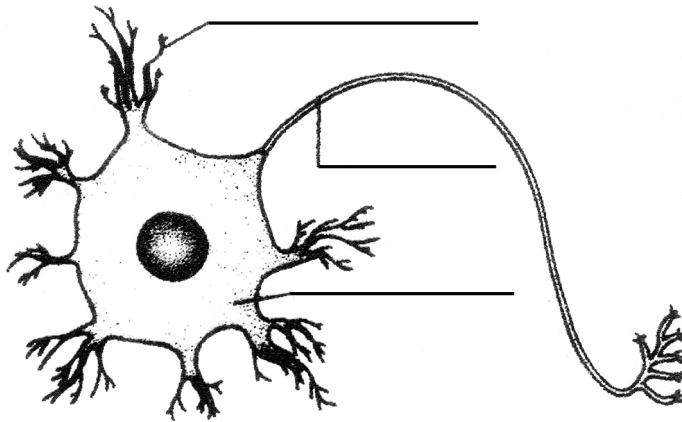
Parts of a Neuron

1. a. Label the parts of the neuron in the diagram.

Dendrites

Cell body

Axon



- b. Explain the function of each part of a neuron.

Part of a neuron

Function

Dendrites

Cell body

Axon

