

Vocabulary Comprehension

1. Use the Word Bank to complete the following sentences.

- The _____ has two main parts: the central nervous system and the _____.
- The _____ and the _____ make up the central nervous system.
- The _____ is the biggest part of your brain. It allows you to move, solve problems, remember, and reason.
- The _____ allows all your muscles to work together to give you balance and coordination.
- The _____ controls your involuntary muscles and carries all the messages from your brain to the rest of your body and from your body to the brain.
- The _____ connects one neuron to another.

Word Bank

- spinal cord
- cerebrum
- brain
- peripheral nervous system
- cerebellum
- nervous system
- brain stem
- synaptic terminal

2. Match each part of the nervous system with its function.

- | | |
|--|--|
| <input type="radio"/> pancreas | a. brings information to the neuron's cell body. |
| <input type="radio"/> thyroid hormones | b. collects information from muscles, organs, and skin and sends it to the central nervous system. |
| <input type="radio"/> pituitary gland | c. controls breathing, food digestion, and blood pumping to and from your heart. |
| <input type="radio"/> somatic system | d. is associated with bone growth and development. |
| <input type="radio"/> dendrite | e. secretes insulin and glucagon hormones. |
| <input type="radio"/> autonomic system | f. produces hormones that regulate other endocrine glands. |
| <input type="radio"/> hypothalamus | g. regulates responses to stress and your emotions. |

Explaining the Concepts

3. Complete the table below with the glands you think are not working properly.

Problem	Misfunctioning Gland
a. Difficulty to sleep at night and wake up early.	
b. Inability to produce or stop producing hormones.	
c. Inability to regulate other glands in the endocrine system.	
d. Inability to regulate the amount of calcium in the blood.	

parathyroid glands

pineal gland

pituitary gland

hypothalamus