

Name _____

The Nervous System



Use the words from the word bank below to fill in the blanks in the text. Write the number that corresponds to the word in the blanks provided.

The nervous system is made up of the _____, the spinal cord and all of the nerves. The nervous system is like one big _____ system letting your brain know everything that is going on inside and outside of your _____. The nervous system is in charge of everything you do, both _____ (reaching, walking) and _____ (breathing, heartbeat). The nervous system is made of of specialized _____ for communication that are called _____ which contain dendrites and _____. The brain sends and receives _____ that travel through your _____ to and from the spinal cord. Nerves are connected to every part of your body. A typical nerve just looks like a very tiny _____ or piece of string. The neurons act like special wires delivering the messages from the brain to all parts of your body. The brain is like a _____ or information system. Messages travel to the brain using the _____ of neurons in the nervous system. The brain then makes sense of the information received and informs various parts of the the body how to _____ to it. Your five _____ have a big role to play in providing messages to the nervous system. Your sense organs which include your eyes, ears, nose, mouth/tongue and _____ are constantly getting information and converting the information into _____ that travel to your brain. All messages from the neurons are called _____. The three types of neurons are: your motor neurons which bring information from your brain to your muscles; sensory neurons that collect information from your five senses to your brain and connector neurons that process and distribute information. You can keep your nervous system healthy by _____ and eating nutritiously.

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|-------------------|-----------------|------------|
| 1. impulses | 2. computer | 3. nerves |
| 4. messages | 5. wire | 6. neurons |
| 7. synapses | 8. senses | 9. cells |
| 10. communication | 11. voluntary | 12. brain |
| 13. respond | 14. signals | 15. skin |
| 16. exercising | 17. involuntary | 18. body |
| 19. axons | | |

The Nervous System: Answers

Use the words from the word bank below to fill in the blanks in the text. Write the number that corresponds to the word in the blanks provided.

The nervous system is made up of the brain, the spinal cord and all of the nerves. The nervous system is like one big communication system letting your brain know everything that is going on inside and outside of your body. The nervous system is in charge of everything you do, both voluntary (reaching, walking) and involuntary (breathing, heartbeat). The nervous system is made of of specialized cells for communication that are called neurons which contain dendrites and axons. The brain sends and receives messages that travel through your nerves to and from the spinal cord. Nerves are connected to every part of your body. A typical nerve just looks like a very tiny wire or piece of string. The neurons act like special wires delivering the messages from the brain to all parts of your body. The brain is like a computer or information system. Messages travel to the brain using the synapses of neurons in the nervous system. The brain then makes sense of the information received and informs various parts of the the body how to respond to it. Your five senses have a big role to play in providing messages to the nervous system. Your sense organs which include your eyes, ears, nose, mouth/tongue and skin are constantly getting information and converting the information into signals that travel to your brain. All messages from the neurons are called impulses. The three types of neurons are: your motor neurons which bring information from your brain to your muscles; sensory neurons that collect information from your five senses to your brain and connector neurons that process and distribute information. You can keep your nervous system healthy by exercising and eating nutritiously.

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