

**The Nervous System** ▪ *Review and Reinforce*

# How the Nervous System Works

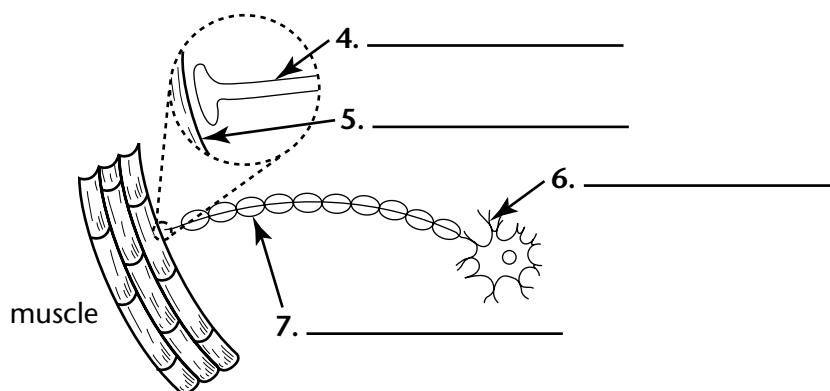
## Understanding Main Ideas

*Answer the following questions on a separate sheet of paper.*

1. What are three main functions of the nervous system? Give an example of each.
2. What are the three kinds of neurons? How do they work together to produce a response to an environmental stimulus? Use an example in your explanation.
3. How does a message travel across the gap at a synapse?

## Building Vocabulary

*Label the diagram below with the axon, axon tip, dendrite, and synapse.*



*Fill in the blank to complete each statement.*

8. A(n) \_\_\_\_\_ is what your body does in reaction to a stimulus.
9. A bundle of nerve fibers is called a(n) \_\_\_\_\_.
10. The message that a neuron carries is called a(n) \_\_\_\_\_.
11. Any change or signal in the environment that can make an organism react is a(n) \_\_\_\_\_.
12. A cell that carries information through your nervous system is called a(n) \_\_\_\_\_.