

Nervous System Guiding Questions

1. What are the functions of the nervous system? (p.487)
2. What cells carry information in the nervous system? (p.487)
3. Draw a diagram of a neuron, and label the three main parts. (p.488)
4. Describe how a nerve impulse travels through a neuron. (p.488)
5. What are the three kinds of neurons, and what are the functions of each? (pp.488-89).
6. Describe how a nerve impulse travels between neurons. (p.490)
7. What are the two divisions of the nervous system? (p.492)
8. What is a spinal cord? (pp.493, 495)
9. About how many neurons are in the brain? (p.493)
10. What are the three main parts of the brain? What does each part do? (p.494-95)
11. What is the function of the peripheral nervous system? How many pairs of nerves are in this system? (p.496)
12. What are the somatic and autonomic nervous systems? What is the function of each? (p.496)
13. What is a reflex? Describe the sequence of events in the nervous system that makes reflexes work. (p.497)
14. Why are spinal cord injuries so serious? (p.498)