Vame	Class	Date
Section 35–3 Divis	sions of the I	vervous System
(pages 901–905)		
Key ConceptsWhat are the functions of the		
 What are the functions of the 	two divisions of the per	ipheral nervous system?
Introduction (page 901)		
The Central Nervous System co	t em (page 901)	and the
3. Is the following sentence true meninges protect the brain an		
4. The brain and spinal cord are		
	butiled and protected 2)	
The Brain (pages 902–903)	Inction	
Match the part of the brain with its function Part of Brain	Function	
5. Cerebrum		lances the actions of the muscles
 6. Cerebellum 7. Brain stem 8. Thalamus 9. Hypothalamus 		of information between the brain
	c. Controls voluntary	
	 d. Controls hunger, thirst, fatigue, anger, and body temperature 	
	e. Receives and relays	messages from the sense organs
10. The two hemispheres of the b	rain are connected by a	band of tissue called the
11. Identify the four lobes of the		
a	C	
		phara of the cerebrum controls
12. Is the following sentence true		priere or the cereprum controls
the body's left side.		r of the cerebrum is called
13. Is the following sentence true		1 of the cerebrant is canca
the cerebral cortex.	ere is it found?	
14. What is gray matter, and whe	ere is it iound:	

Namo	Class	Date
Name	Ciass	Date

15. The two regions of the brain stem are the _____ and the

The Spinal Cord (page 903)

16. What is the advantage of a reflex?

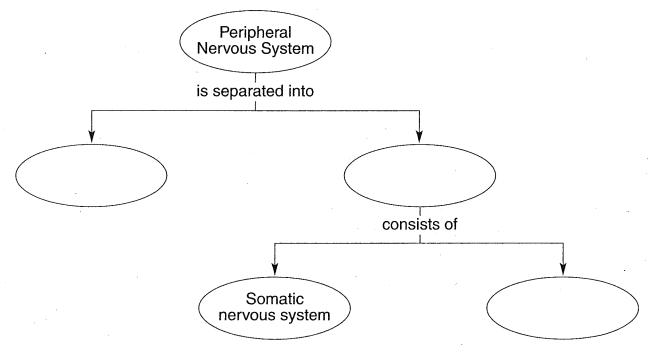
The Peripheral Nervous System (pages 903-904)

- 17. Circle the letter of each choice that is part of the peripheral nervous system.
 - a. cranial nerves

c. ganglia

b. spinal nerves

- **d.** spinal cord
- **18.** Complete the concept map.



- 19. Circle the letter of each activity that is controlled by the somatic nervous system.
 - **a.** Beating of the heart
- c. Wiggling the toes

b. Lifting a finger

- **d.** Pulling foot away from tack
- 20. What does the autonomic nervous system regulate?
- 21. Why is it important to have two systems that control the same organs?