Name	Class	Date	
Skill Worksheet			
Directed Re	eading A		
Section: The Nervo	-		
TWO SYSTEMS WITHIN			
1. What is the central ner	vous system?		
2. What is the peripheral	nervous system?		
Mark each of the following central nervous system.	statements P for peripheral nerv	ous system or C for	
3. includes nerves			
4. acts as the contr	rol center for your body		
5. includes your b	rain and spinal cord		
6. connects all are	as of your body to the brain and	spinal cord	
THE PERIPHERAL NERV	OUS SYSTEM		
7. Nerve cells specialized	to receive and conduct electrica	ll impulses are called	
8. Electrical messages, ca	 illed	, may travel as fast as	
150 m/s or as slow as (	0.2 m/s.		
Match the correct descript provided.	ion with the correct term. Write the	he letter in the space	
9. allows the neuro	on to receive information	a. cell body	
10. has branches the other cells	at allow information to pass to	b. dendrite c. axon	
11. contains cell or	ganelles and a nucleus		
12. The tip of each branch	of an axon is called a(n)		

Name		Class	Date	
	d Reading A continued			
13. Speci	alized nerve endings on se	nsory neuro	ons that detect changes	inside and
outsic	le the body are called		·	
14. Neuro	ons that send impulses from	n the brain	and spinal cord to othe	r systems are
called	I	<u></u> .		
NERVES				
15	<ul><li>b. Nerves do NOT contain</li><li>a. muscle fiber.</li><li>b. blood vessels.</li><li>c. axons.</li><li>d. connective tissue.</li></ul>			
16. Nerve	es may contain the axons o	f both		and
	neui	ons.		
SOMATI	C AND AUTONOMIC NEF	RVOUS SY	STEMS	
17	<ul><li>7. The two parts of the period</li><li>a. neurons and cell bodie</li><li>b. nerve cells and brain c</li><li>c. CNS and PNS.</li><li>d. sensory neurons and n</li></ul>	es. cells.	·	
18. The _		part of the	peripheral nervous sys	stem is
comp	osed of the somatic and au	tonomic ne	rvous systems.	
	h of the following statemer ic nervous system.	its S for soi	matic nervous system	or A for
19	9. is under your conscious of	control		
20	). controls digestion and he	art rate		
21	. is composed of the symp	athetic and	parasympathetic nervo	ous systems
22	2. is used for writing, talking	g, and othe	r voluntary movement	S
23	3. maintains a stable interna	al environm	nent (homeostasis)	
THE CEN	NTRAL NERVOUS SYSTE	ΞM		
24. What	is the largest organ of the	central nerv	ous system?	

Name	Class	Date
Mark each of the following act	ions V for volunta	ry or I for involuntary.
25. digesting food		
26. moving your arm		
27. The three connected parts	of the brain are th	e, the
	_, and the	·
28. Most memories are stored	in the	·
29. The right hand is controlled	d by the	hemisphere of
the cerebrum.  30. Which part of the brain kee	eps track of your	body's position?
31. Your body's involuntary p	rocesses, such as	heart rate, are controlled by the
THE SPINAL CORD		
32. The spinal cord is protecte	d by	·
33. The spinal cord is made of		and
34. Nerve fibers in your spinal	·	brain to communicate with your
35. A spinal cord injury may b	lock all informati	on to and from the
36. What is a possible effect of	 f a spinal cord inj	ury?
37. What are two ways to help	prevent spinal co	ord injuries?