Name		Class	Date		
Chapter 26	Sponges an	d Cnidarians			
Kingdo Key C What cl What e	om (pagoncepts) haracteristics	Introduction to es 657–663) do all animals share? ions do animals carry out? ant trends in animal evolut			
 Is the following eukaryoti What cha 	owing senter	o all animals share?	nat make up animal bodies are		
		CATEGORIES OF A	NIMALS		
Category	Percentage of Species		Examples		
		Animals without backbones			
		Animals with backbones			
4. What areabcd	seven essent	f g	arry out?		
Type of Feeder Description					
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Feeds on plants			
Carnivore	. 3300				
Filter feeder					
Feeds on decaying plant and animal material					

Naı	ne Class Date								
6.	6. Explain the difference between a parasite and a host.								
7.	What does an animal do when it respires?								
8.	8. What does the excretory system of most animals do?								
9.	9. Animals respond to events in their environment using specialized cells called								
10.	What are receptors, and what is their function?								
11.	What does it mean that an animal is motile?								
12.	. What enables motile animals to move around?								
	Circle the letter of the process that helps a species maintain genetic diversity. a. asexual reproduction c. response b. movement d. sexual reproduction What does asexual reproduction allow animals to do?								
	ends in Animal Evolution (pages 660–663) What are four characteristics that complex animals tend to have?								
	a b c								
16.	dHow have the cells of animals changed as animals have evolved?								

Name				Class	S	Date	
	7. Groups of specialized cells formform8. After a zygote undergoes a series of					<u> </u>	
	. What is a protostome?						
20.	. What is a deuterostome?						
21.	Is the following sentence true or false? Most invertebrates are deuterostomes.						
22.	2. In the development of a deuterostome, when is the mouth formed?						
23. Complete the table about germ layers. GERM LAYERS							
Germ Layer Location Dev			ation	Develops Into	Develops Into These Body Structures		
		Inne	rmost layer				
Middle layer							
	Outermost layer						
24. Complete the table about body symmetry. BODY SYMMETRY							
Type of Symmetry Des		Description	1	Examples			
			Body parts t				
				ne divides the o equal halves			
25.			•	•	any imaginary planes on the animal in half?	can be drawn through	

Nar	me	Class	Date			
Mat	tch the term with its meaning.					
	Term	Meaning				
	26. anterior	a. Upper side				
	27. posterior	b. Back end				
	28. dorsal	c. Front end				
	29. ventral	d. Lower side				
30.	0. A body that is constructed of many repeated and similar parts, or segments, exhibits					
		·				
31.	What is cephalization?					
32.	How do animals with cephalization respond differently to the environment than					
	animals without cephaliza	tion?				
33.	What is a body cavity?					
34.	Why is having a body cavity important?					

Reading Skill Practice

An outline can help you remember the main points of a section. Write an outline of Section 26–1. Use the section's blue headings for the first level of your outline and the section's green headings for the second level. Support your headings with details from the section. Do your work on a separate sheet of paper.