	ame Class_	Date
\$e	ection 27–2 Roundworms (pages	i 689–693)
	his section describes the defining features of roundw hich roundworms are important in human disease.	porms. It also identifies
W]	What Is a Roundworm? (page 689)	
	1. Circle the letter of each sentence that is true	about roundworms.
	a. Parasitic roundworms live in plants and i	n animals.
	<b>b.</b> All roundworms are parasitic.	
	<b>c.</b> Some roundworms are a meter in length.	
	d. All roundworms develop from three gern	n layers.
2.	2. A body cavity that is lined only partially wit	h tissue derived from the mesoderm is
	called a(an)	
3.	3. How is a roundworm's digestive tract like a	tube-within-a-tube?
5.	<ul> <li>The posterior opening of the digestive tract in the letter of each feature that a round va. pseudocoelom</li> <li>b. mouth</li> <li>c. and orm and Function in Roundworms</li> </ul>	worm has. us <b>d.</b> coelom
	6. Which have more complex body systems, fre	
7.	7. Is the following sentence true or false? Many	free-living roundworms are predators.
8.	Roundworms exchange gases and excrete me	etabolic wastes through their
9.	9. What can roundworms' sense organs detect?	
10.	Do roundworms reproduce sexually or asexu	ually?
	oundworms and Human Disease (pag	es 690–692)
Ro	pag	

Name		nss	Date			
<b>12.</b> Complete t	the table about roundworms a	nd human disease.				
DISEASE-CAUSING ROUNDWORMS						
Roundworm	Disease or Condition Caused	How Disease Is Spread	I			
Trichinella						
	Elephantiasis					
Ascarid worms						
	Weakness and poor growth					
13. What is elephantiasis?						
		1 (1 1)				
	etter of each sentence that is tr	•	of Ascaris.			
	a. Larvae in the lungs are coughed up and swallowed.					
	<b>b.</b> The eggs develop into larvae in the lungs.					
	ed eggs leave the host's body in					
	<b>d.</b> The host ingests <i>Ascaris</i> eggs in contaminated food or water.					
15. How are as	5. How are ascarid worms commonly spread?					
16 Where do l	hookwarm agas hatsh and day					
10. Where do	6. Where do hookworm eggs hatch and develop?					
Research on	C. elegans (page 693)					
<b>17.</b> Circle the l	etter of each sentence that is tr	ue about C. elegans.				
<b>a.</b> It is a fr	ee-living roundworm.					
	was the first of any multicelluded completely.	ılar animal's to be				

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**c.** It feeds on rotting vegetation.

DNA has.

**d.** Its DNA has 30 times the number of base pairs that human