Na	Name	Class	Date
	Charter 7 Call Structure and Event		
	Chapter 7 Cell Structure and Function	_	
_	<ul> <li>Section 7–1 Life Is</li> <li>Key Concepts</li> <li>What is the cell theory?</li> <li>What are the characteristics of p</li> </ul>	•	
In	Introduction (page 169)		
	1. What is the structure that makes u	p every living thing	?
	<b>The Discovery of the Cell ( 2.</b> What was Anton van Leeuwenhoe		see in the 1600s?
3.	3. What did a thin slice of cork seem through a microscope?		
4.	4. What did the German botanist Ma	tthias Schleiden con	clude?
5.	5. What did the German biologist Th	eodor Schwann cond	clude?
6.	6. How did Rudolph Virchow summ	arize his years of wo	ork?
7.	7. What are the three concepts that m a b	•	
	c		
E>	Exploring the Cell (pages 170		
	8. Why are electron microscopes capaseen through light microscopes?	able of revealing det	

Name	Class	Date				
Prokaryotes and Eukaryotes (pages 172–173)						
9. Circle the letter of each sentence that is true about prokaryotes.						
a. They grow and reproduce.						
<b>b.</b> Many are large, multicellular	organisms.					
c. They are more complex than	cells of eukaryotes.					
d. They have cell membranes ar	ıd cytoplasm.					
<b>10.</b> Are all eukaryotes large, multice	ellular organisms?					

11. Complete the table about the two categories of cells.

## TWO CATEGORIES OF CELLS

Category	Definition	Examples
	Organisms whose cells lack nuclei	
	Organisms whose cells contain nuclei	