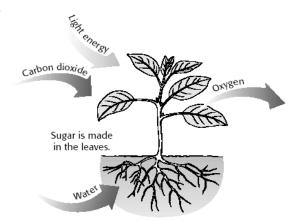
Cell Biology Cell Functions Benchmark Review			Name:		
			Period:		
Use your bra Chapter 13, 9	-	g questions, then check your	work using Chapter	5, Section 1 and	
	(Chapter 13, Section 1 questio	ns		
	ne sentence "As multicell <u>erentiate</u> mean?	ular organisms develop their	cells differentiate," v	what does the word	
a. migrate b. grow		c. become different in structure and functiond. change orientation and location in the organism			
Complete ea	ch of the following senter	nces by choosing the correct	term from the words	s below.	
		cellular respiration			
2. The loss o	f water from leaves is cal	lled	·		
3	is a green pigment found in plant cells.				
_	rgy from the food made of	during photosynthesis, mitoch	ondria in the cells o	f plants use the	
5. A	is an	opening in the epidermis and	d cuticle of a leaf.		
6	is the p	process by which plants make	their own food.		
a. ca b. ox c. ca	ygen and water exit the l rbon dioxide and water e	nts, of while oxygen and water ent eaf while carbon dioxide ente onter the leaf while oxygen ex oenter the leaf while water ex	rs the leaf. its the leaf.		

Use the image to the right to answer the next question.

8. Describe the relationship between photosynthesis and cellular respiration.

9. The three darker arrows in the diagram above show gas exchange in the plant. How is the intake of carbon dioxide related to the release of oxygen?



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16. How are mitochondria related to ATP?

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Chapter 5, S	ection 1 questions
10. In the sentence "The process of photosynthesi the word <i>process</i> mean?	s converts energy from the sun into food," what does
Complete each of the following sentences by choose cellular respiration chloroplasts r	
11. Plants perform to	make glucose.
12. During, oxygen is amounts of energy.	used to break down food molecules, releasing large
13. The cell structures that are needed for photosy	rnthesis are, and the cell
structures that are needed for cellular respirati	on are,.
The picture to the right shows a cell. Use the picture next question. 14. Does the picture show a plant cell or an anima you know? It shows a cell because	
15. How are chlorophyll and chloroplasts related, a	and where are they found?