

## Energy in a Cell

Relutercement and Study Colde

Section 9.1 The Need for Energy

In your textbook, read about forming and breaking down ATP and the uses of cell energy.  Examine the diagram below. Then answer the questions.  ATP  Energy from food  ADP + Pi  ADP + Pi  How is energy stored and released by ATP:	In your textbook, re-	id about cell energy.	•		
To do biological (1)	Use each of the ter	ans below just once to co	implete the passage	·.	
in this molecule is stored in its (4)		· •		_	
ATP is composed of a(n)  (5)	To do biolog	ica (1)	, cells re	equire energy. A quick so	urce
Three (7)	of energy that cells t	ase is the molecule (2)		The (3)	
Three (7)	in this molecule is st	ored in its (4)	7-1	ATP is composed of a(n)	
Examine the diagram below. Then answer the questions.  ATP  Energy from food  ADP + Pi  ADP + Pi  How is energy stored and released by ATP:	(5)	molecule be	ınded to ami <b>(6)</b>		शाबुका.
in A Me Na Maha	Three (7)	mole	cules called (8)		== āroups
Examine the diagram below. Then answer the questions.  ATP  Energy from food  ADP + Pi  ADP + Pi  How is energy stored and released by ATP:	are attached to the so	u dair			
	Energy from		DP + Pi	Energy	MM.
10. How do cells use the energy released from ATP:	9. How is energy s	tored and released by ATP	; 		
10. How do cells use the energy released from ATP?					
10. How do cells use the energy released from ATP <sup>7</sup>			· · · · · · · · · · · · · · · · · · ·		
	10. How do cells use	: the energy released from	ATP:		<del></del>
					<del> </del>



## **Photosynthesis & Cellular Respiration Worksheet**



Name:		Period:		
Vocabulary: Match the phrases of time.	on the left with the term	n that best fits. Use	answers only one	
1. Organisms that make their own food		A. Chloroplasts		
2. Site of photosynthesis		B. Aneorobic		
3. Process occurs in a mitochondrion		C. Aerobic		
4. C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>		D. Glucose		
5. Process does not require oxygen		E. ATP		
6. Process requires oxygen		F. Kreb's cycle		
7. Adenosine diphosphate		G. Glycolysis		
8. Energy storing molecule		H. Energy		
9. The anaerobic process of splitting glucose		I. ADP		
and forming two molecules of pyruvic acid10. The ability to do work		J. Autotrophs		
Directions: Answer each of the form. Compare and discuss how cell draw the cycle.				
2. Compare lactic acid fermentation changed in to. Be sure to include		n each one takes pla		
Alcoholic Fermentation				
Lactic Acid Fermentation				