Biol	ogy	12
Ms.	Kui	per

Name:				
	Blk:	 _		

## Enzyme Review Worksheet

Part A	<b>A:</b> Define the f	ollowing terms in your own word. Be clear and concise!			
metab	oolism				
substr	ate				
enzyn	ne				
active	site				
coenz	yme				
metab	oolic pathway				
activa	tion energy				
Part I  1.  2.	_	rers $ADP + P_i \rightarrow ATP$ is energy (requiring or releasing)  have below, the letters stand for and the numbers stand for  Each and every reaction in a cell requires a specific  1			
3.	If an enzymatic reaction is heated <i>gently</i> , it will				
4.	Enzymesthe amount of activation energy necessary for a reaction to take place by putting its substrates on a precise "collision course."				
5.	In the equation S:	on $S + E \rightarrow SE \rightarrow P + E$ , what do the letters stand for? P:			
	SE:	E:			
6.	Name two environmental factors that can change the shape of an enzyme. i. ii.				
7.	Name two fa	ctors that can speed up enzymatic reactions ii.			
8.		re helpers called A common example of the latter is NAD. What is the NAD in cells?			
9.	Label the par	ts on this diagram.			
	2 ET				