Name:	Date: Period:	
Biology: Biochemistry		
Inderstanding Enzymes		
Enzymes are important biological macror prokaryotes all depend on enzyme to bre of one or more proteins, and proteins ard there are even enzymes that make other	eak down large molecules or build r e made based on information foun	new ones. Enzymes are made up
STEP 1	STEP 2	STEP 3
	A B C	
Step 1 1. Molecule C is a large protein (or s	several proteins together) that we	e call an
 Molecules A and B are called subsoft larger macromolecules. Which of the four major biological 		or building blocks
Step 2 4. Molecules A and B are now bound to 5. When C is bound to A and B, it is a 6. Is molecule C breaking apart (deco	an	·
7. If a solution is too acidic or basic that A and B will no longer fit.	, molecule C can	or change it shape so
Step 3 8. What will happen to molecule C now	w that the reaction is complete?	
9. What are three things that affec	t how fast molecule C works?	
10. Molecule D is made of building blo polysaccharide, A and B would repres	· · · · · · · · · · · · · · · · · · ·	represents a