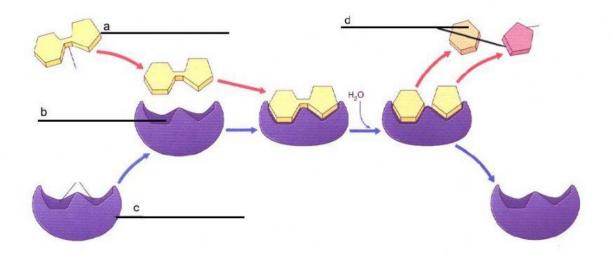
Enzyme Review

2. Answer true of false to the following statements:

1. Label the diagram with terms: substrate, enzymes, active site, products



a.	a Enzymes interact with specific substrate	es.
b.	b Enzymes change shape after a reaction	occurs.
c.	c Enzymes speed up reactions.	
d.	d One enzyme can be used for many diffe	erent types of chemical reactions.
e.	e Enzyme reactions can be slowed or hal	ted using inhibitors.
3.	3. Choose the correct effect.	
a.	a. Raising the temperature slightly will [increase d	ecrease not change] the rate of reaction.
b.	b. Boiling temperature will [increase decrease no	ot change] the rate of most biological reactions.
c.	c. Changing the pH toward the optimal pH will [incr	ease decrease not change] the rate of reaction.
d.	d. Introducing a competitive inhibitor will [increase	decrease not change] the rate of reaction.
	4. Write "yes" next to the things that are expected to no" things that are expected to DECREASE the rate	
a.	a Add more enzyme d.	Add a non-competitive inhibitor
b.	b Add more substrate e.	Freezing
С	c Adjust pH to optimal level	

