

# Enzyme revision

Fill in the blanks

ENZYME	SUBSTRATE	PRODUCTS
Carbohydrase		
		Amino acids
	lipids	

Draw a diagram to represent the lock and key model of enzyme action. Label as much as you can.

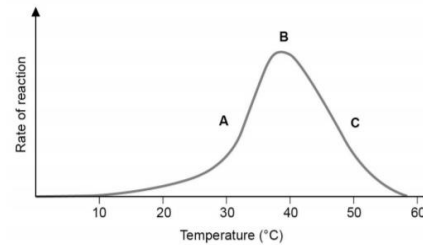
Name 3 factors which affect enzyme action

- 1.
- 2.
- 3.

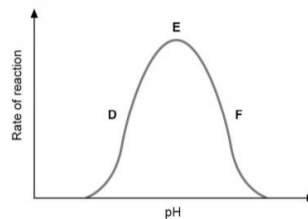
Explain what denaturing is and how it affects enzyme action.  
You can draw a labelled diagram to help explain.

Add a label to each letter

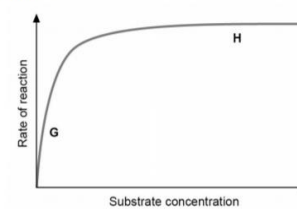
Graph A



Graph B



Graph C



Enzyme Investigation Results.

Calculate Rate of Reaction (1/t) and then sketch what each graph would look like. (Time taken & Rate of Reaction )

Temp °C	Time taken (s)	Rate of Reaction S <sup>-1</sup>
10	8	
20	6	
30	4	
40	2	
50	15	
60	30	