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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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|  |  |  |
| --- | --- | --- |
| ENZYME | SUBSTRATE | PRODUCTS |
| Carbohydrase |  |  |
|  |  | Amino acids |
|  | lipids |  |

Fill in the blanks | Enzyme revisionDraw a diagram to represent the lock and key model of enzyme action.*Label as much as you can.*  | Name 3 factors which affect enzyme action1.
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  | 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 ofReactionS-1 |
| 10 | 8 |  |
| 20 | 6 |  |
| 30 | 4 |  |
| 40 | 2 |  |
| 50 | 15 |  |
| 60 | 30 |  |

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