A metabolic pathway is	X  Y  Z  Isoleucine
An enzyme is	The diagram illustrates a metabolic pathway controlled by end-product inhibition. Explain what the arrows represent.
Activation energy is	
An enzyme inhibitor is	
Competitive inhibitors bind to	and how isoleucine controls the pathway.
Non-competitive inhibitors bind to	
End product inhibitions is when the 'end product' of a metabolic pathway inhibits the	
Re-order the bullet points to explain cell respiration       Draw a sketch graph which show how an enzyme controlled reaction rate increase as the substrate controlled reaction rate increase as the substrate concentration increases         Pyruvate is decarboxylated, oxidised and attached to coenzyme A.       Concentration increases         Glucose is converted to pyruvate in glycolysis       Concentration increases         The link reaction converts pyruvate to acetyl coenzyme A.       In the Krebs cycle the acetyl group is oxidised and NAD is reduced, forming CO2         Electron carriers in the inner membrane transfer electrons and pump protons to the intermembrane space.       Draw a sketch graph which show how an enzyme controlled reaction rate increase as the substrate controlled reaction rate increases	
<ul> <li>Oxygen binds to free protons (H<sup>+</sup> ions) forming water</li> <li>Energy released from the oxidisation reactions is carried to mitochondria inner membranes by NA</li> <li>Glycolysis provides a small gain of ATP &amp; doesn't require oxygen.h</li> </ul>	ADH (&FADH) the addition of a competitive & a non-competitive inhibitor.
Photosynthesis is composed of 2 sets of reactions and and fo	What happens to each of these chemicals in light independent reactions?und in the thylakoid membrane.Glycerate-3-phosphate
Light dependent reactions make (reduced NADP) and which are needed f	or light independent reactions. Triose phosphate
RuBP is the molecule which binds to catalysed by the enzyme	
Describe the carboxylation of RuBP       Compare & contrast light dependent & independent reaction         Light-dependent       Light-independent	Annotate the chloroplast to show how it is adapted for photosynthesis.
What is Calvin's lollipop apparatus?	

Lipid globules

Granum

