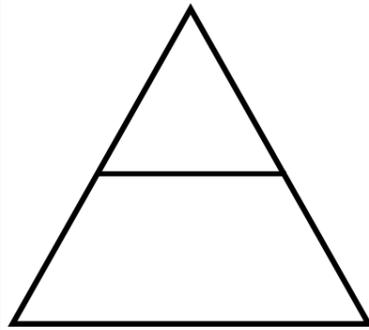


Microscopes



How do you convert 1mm into 1µm?

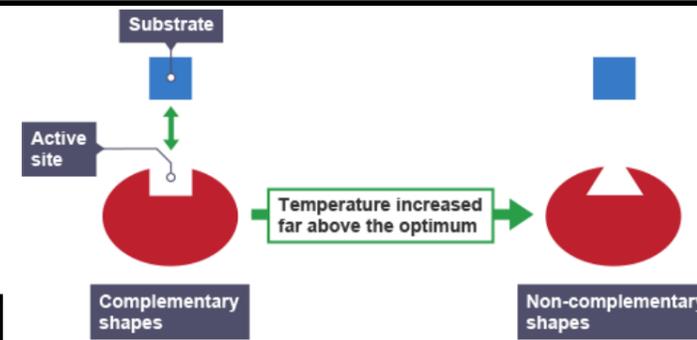
What is resolution?

Calculate the magnification of a mitochondria, image size is 40mm and the actual size is 800µm.

Enzymes

An enzyme is a...

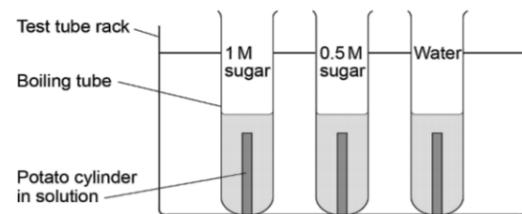
Draw a graph to show the activity of amylase against temperature:



What does denaturing mean?

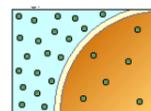
Enzyme	Location in body:	Optimum pH	Optimum temperature
Amylase			
Lipase			
Protease:			

Osmosis

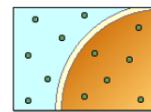


Osmosis is the....

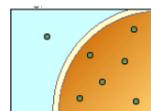
Potato in high sugar solution:



Potato in same sugar solution concentration:



Potato in low sugar solution:



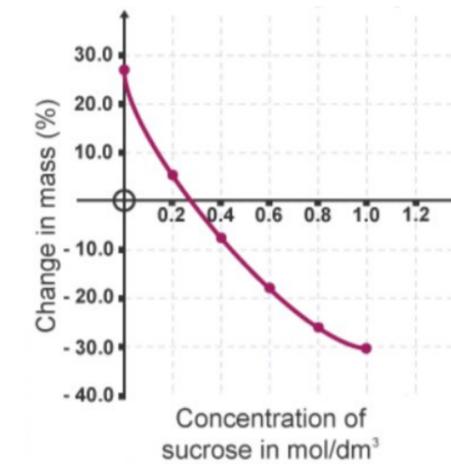
Why do you calculate percentage change in mass not just change in mass?

What happens to the mass of the potato in:

1M sugar:

0.5M sugar:

0M (water):



Osmosis Experiment Variables:

Independent:

Dependent:

Controls:

Food Tests

Test for Starch:

Chemical:

Negative result:

Positive result:

Test for Reducing Sugars (glucose):

Chemical

Negative result

Positive result

Test for Protein:

Chemical

Negative result

Positive result

Test for Fats:

Chemical

Negative result

Positive result