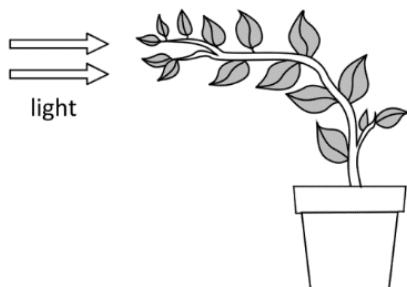


Name:

Class:



The diagram below shows a plant.



i. State what kingdom this plant belongs to.

Plantae

ii. Name the reaction that plants use energy from sunlight to complete.

Photosynthesis

iii. Which characteristic of living organisms is shown by the plant in the diagram?
Circle the letter of the correct answer.

A excretion

B reproduction

C respiration

(D) sensitivity

Describe the process of diffusion.

Diffusion is the movement of a substance from an area of high concentration to an area of low concentration, moving down its concentration gradient.

What is the function of the colon/large intestine?

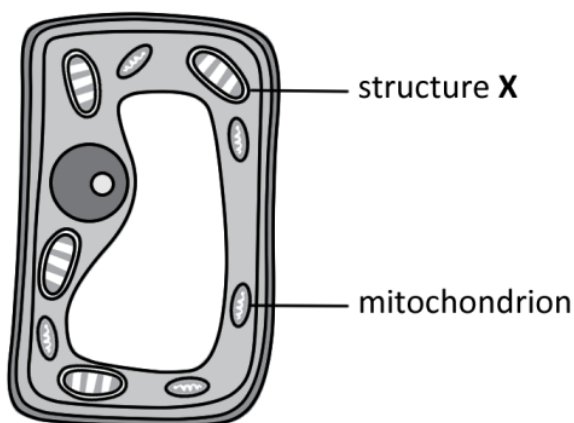
To reabsorb water from waste material.

The figure below is a drawing of a eukaryotic cell. Structure X is found in **plant** leaf cells.

i. What is a eukaryotic cell?

A cell that has its genetic material in a nucleus.

Accept any answer where the student has stated the cell has a nucleus.



ii. Name structure X.

Chloroplast

iii. Give one function of the mitochondrion.

It is the site of aerobic respiration.

Answer must include aerobic.

State the **name** of an enzyme that digests carbohydrates.

Amylase or Maltase

Do not accept carbohydrase.

State the **name** of an enzyme that digests proteins.

Pepsin or Trypsin

Do not accept Protease.