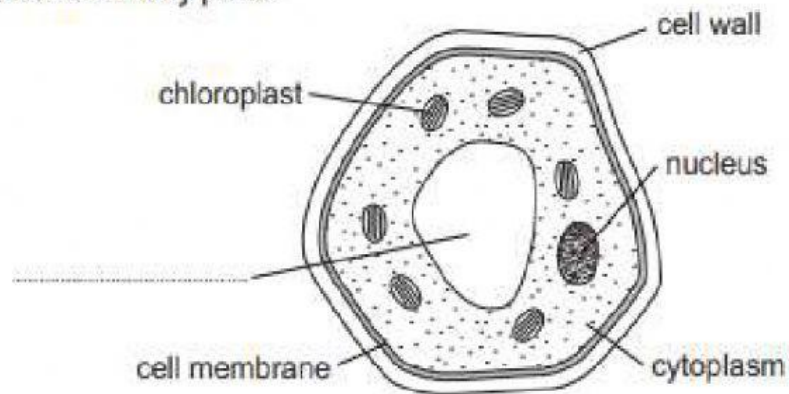


7 Plant cells contain many parts.



- (a) One part of this cell has not been named.
Add this name to the diagram.

[1]

- (b) Chloroplasts are not found in all plant cells.

- (i) Name a plant cell that has chloroplasts.

[1]

- (ii) Name a plant cell that does **not** have chloroplasts.

[1]

- (c) Two parts labelled on the diagram are **not** found in any animal cells.

Which **two** parts?

1

.....

2

.....

[1]

Key Stage 3 Biology

Describe what the following parts of a microscope do:

a

lens _____

stage _____

Match the organelle with its function.

b

nucleus

Allows substances in and out of the cell.

cell wall

Where respiration occurs.

cell membrane

Controls the cells.

mitochondria

Strengthens the cell.

Put the following in order, starting with the smallest:

c

tissue, organism, organs, organ systems, cells.

1. _____

2. _____

3. _____

4. _____

5. _____

Label the diagrams of a plant and animal cell.

e

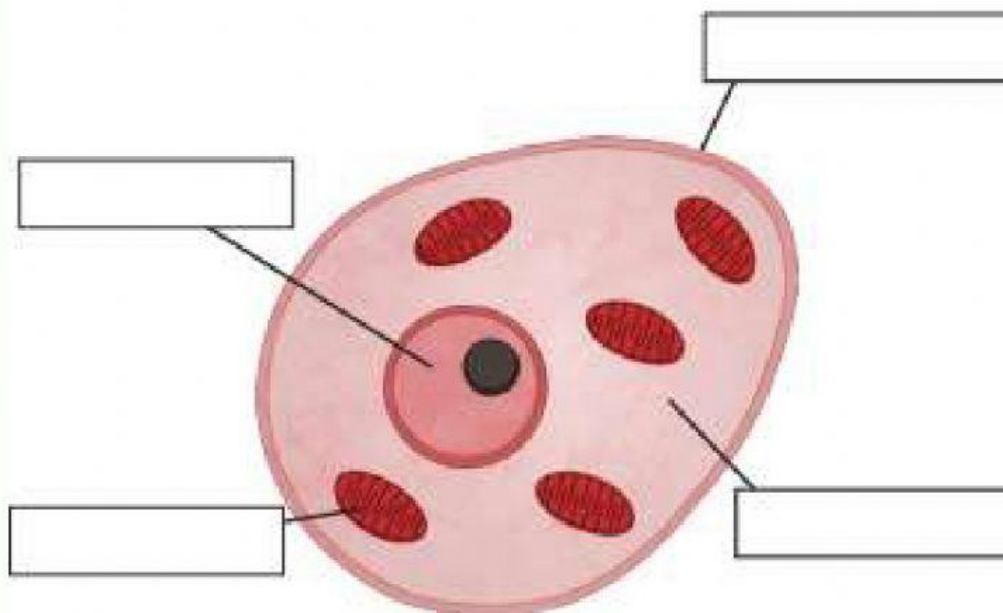
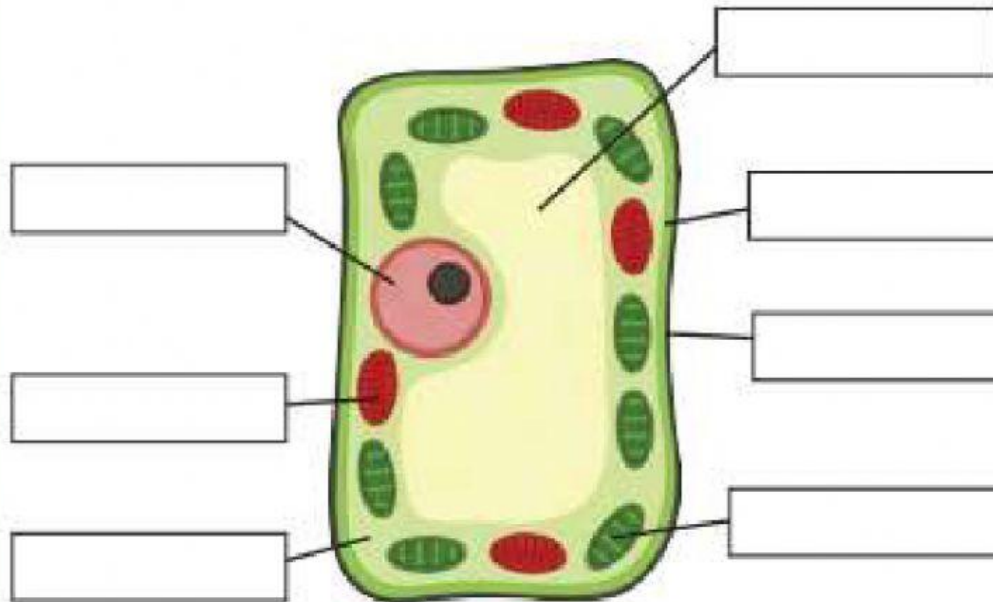
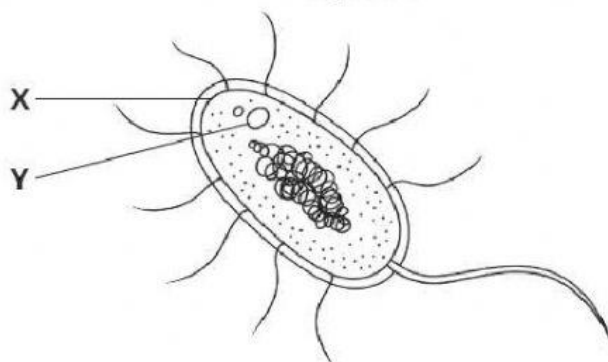


Figure 1 shows a bacterial cell.

Figure 1



What is the name of the structure labelled **X** that controls the movement of substances into and out of the cell?

[1 mark]

Tick **one** box.

- | | |
|---------------|--------------------------|
| cell membrane | <input type="checkbox"/> |
| cytoplasm | <input type="checkbox"/> |
| DNA | <input type="checkbox"/> |
| flagellum | <input type="checkbox"/> |

Name and give the function of the structure labelled **Y**.

[2 marks]

Name _____

Function _____
