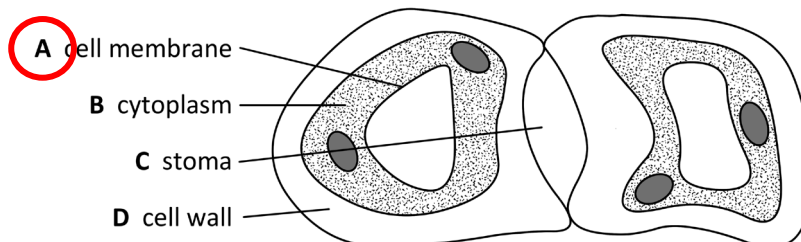


Name:

Class:



The diagram shows a student's drawing of guard cells. Which label line is **incorrect**?



What is the cell wall of a plant cell made of?

Cellulose

Phloem is an example of?

- A A cell
- B A tissue**
- C An organ
- D An organ system

In terms of muscular contractions what is peristalsis.

It is the movement of material by the contraction of circular muscles and relaxation of longitudinal muscles.

The word equation for anaerobic respiration in yeast is:

glucose → alcohol + carbon dioxide

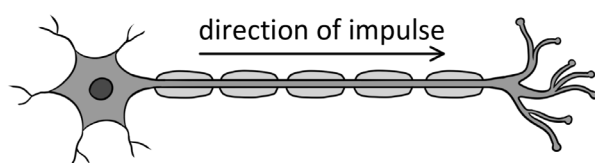
Describe how aerobic respiration is different from anaerobic respiration in yeast.

A description including any two from the following:

Aerobic respiration:

- Uses oxygen.
- Produces water.
- Releases more energy.
- Does not produce / release alcohol.

The diagram below shows a neurone carrying an impulse.



- i. This neurone has a myelin sheath. What is the function of a myelin sheath?

It insulates the axon and speeds up the transmission of the impulse.

- ii. Which row describes the type of neurone and the direction of impulse?

	Type of neurone	Direction of impulse
A	motor	towards the spinal cord
B	motor	away from the spinal cord
C	sensory	towards the spinal cord
D	sensory	away from the spinal cord