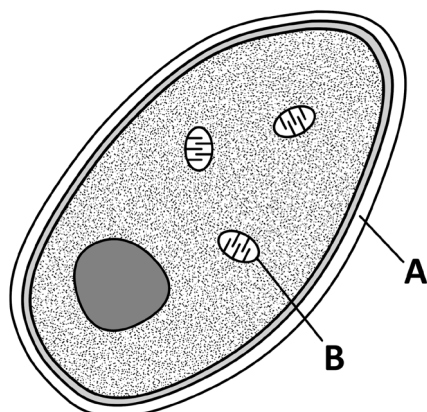


Name:

Class:



The diagram shows some structures in a yeast cell.



- i. Write down the names of the structures labelled A and B.

A = **Cell wall.**

B = **Mitochondrion.**

- ii. Name the substance that makes up the cell wall of a fungal cell.

Chitin

State the **enzyme, substrate and products** for the digestion of fats.

Enzyme: **Lipase**

Substrate: **Lipid(s)**

Products: **3 fatty acids and 1 glycerol molecule.**

Which of these is an abiotic factor that can affect organisms?

- A Food availability
- B** Light intensity
- C Pathogens
- D Predators

Genes determine the characteristics shown by a person.

Draw a straight line to connect each word with its correct definition.

word	definition
genotype	the genetic makeup of an organism
homozygous	two alleles of a gene that are the same
recessive	the observable characteristics of an organism
phenotype	an allele that only shows an effect if the alleles of the pair are the same
heterozygous	an allele that always shows an effect in the organism
dominant	two alleles of a gene that are different