

Name:

Class:



Name the two scientists that determined the 3D model of DNA?

James Watson and Francis Crick

Both must be stated correctly in any order.

Which structure is found only in plant cells?

A Cell membrane

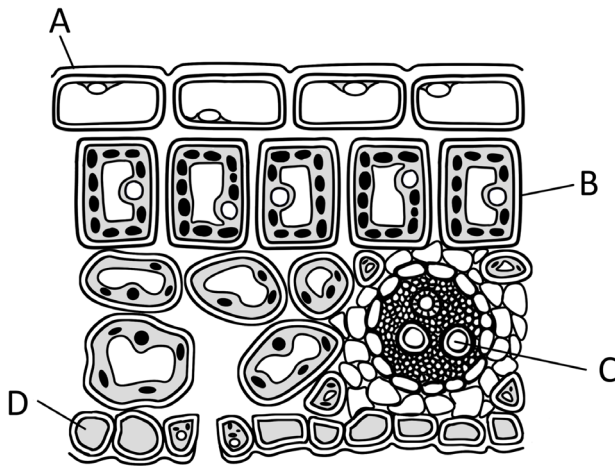
B Chloroplast

C Cytoplasm

D Nucleus

The diagram shows a cross-section of a leaf as seen under a microscope.

Label each structure in the diagram.



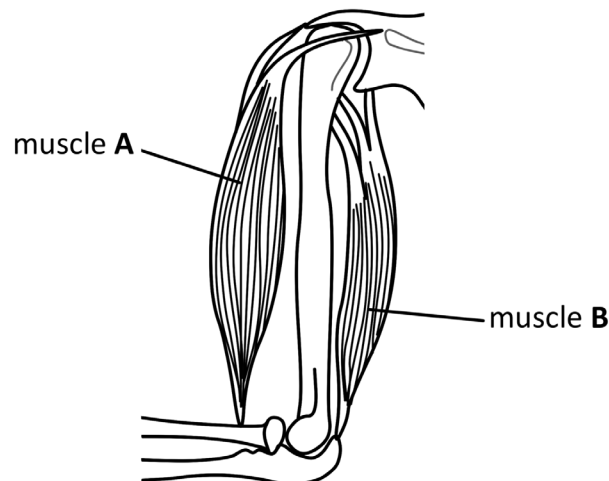
A = Wax/waxy cuticle.

B = Palisade mesophyll cell.

C = Vascular tissue/ vein.

D = Lower epidermis.

The diagram below shows muscles and bones in a human arm.



i. When muscle B contracts, what happens to muscle A and to the arm?

Muscles A relaxes. The arm extends, straightens, or lowers.

ii. What is an antagonistic pair of muscles?

A pair of muscles that work in opposing ways. When one contracts the other relaxes.