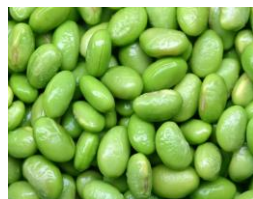
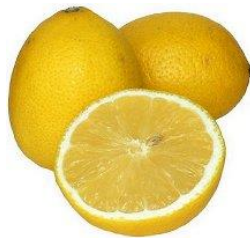
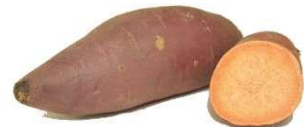
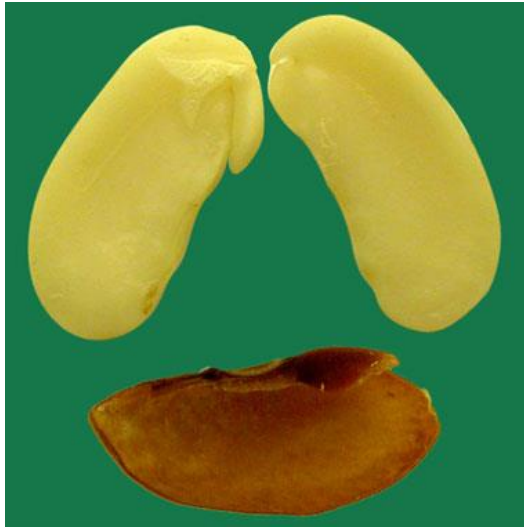


Plant Lab Review

What part of a plant is each of these?
Root, stem, leaf, flower, fruit, or seed?



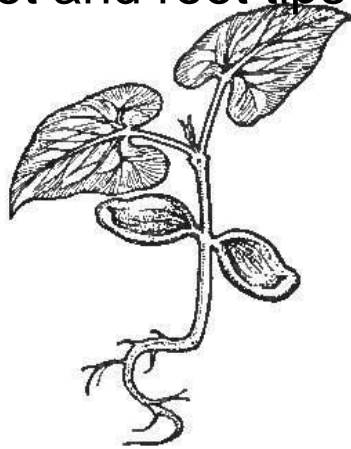


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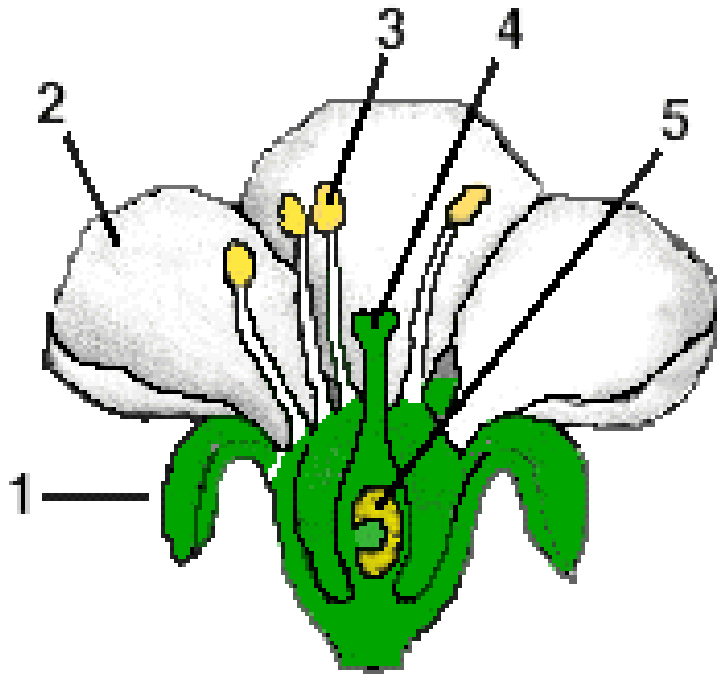
Name and find the parts: cotyledon, root, first true leaves on both the embryo and the seedling.

What is the function of the cotyledons?

What is the name of the tissue found at the growing shoot and root tips?



Plant Lab Review



Identify each of the parts.

What is the function of each?

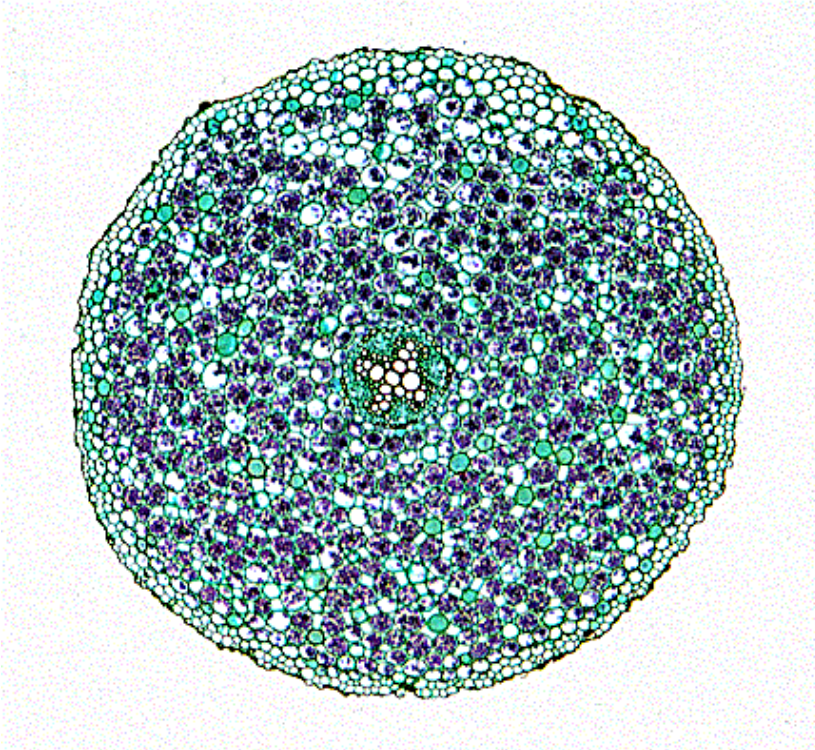
When part 5 is mature, what is it called?

Plant Lab Review

Is this a cross section of a plant stem or root?

Using your lab book as a reference, identify all the cell and tissue types.

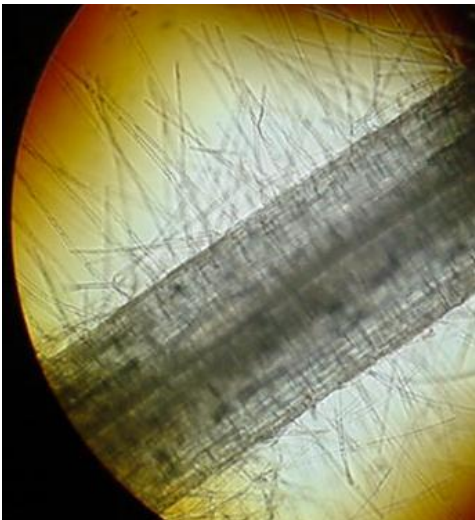
What is the function of each?



Plant Lab Review

What is the function of the root?

What is the function of the root hairs?

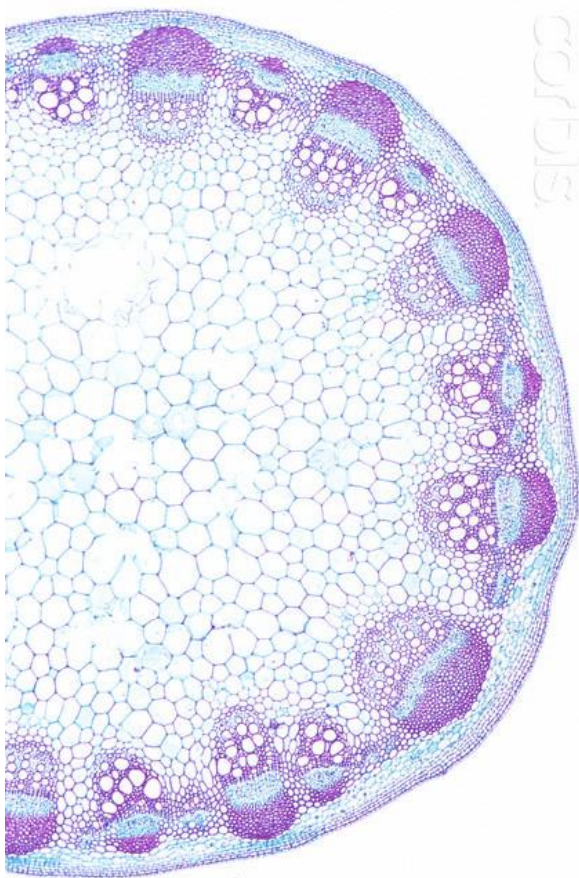
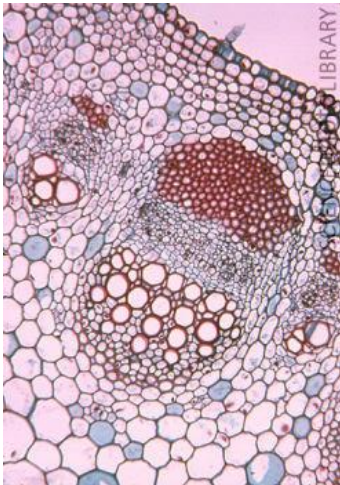


Plant Lab Review

Is this a cross section of a plant stem or root?

Using your lab book as a reference, identify all the cell and tissue types.

What is the function of each?



Plant Lab Review

What part of a plant is this from?

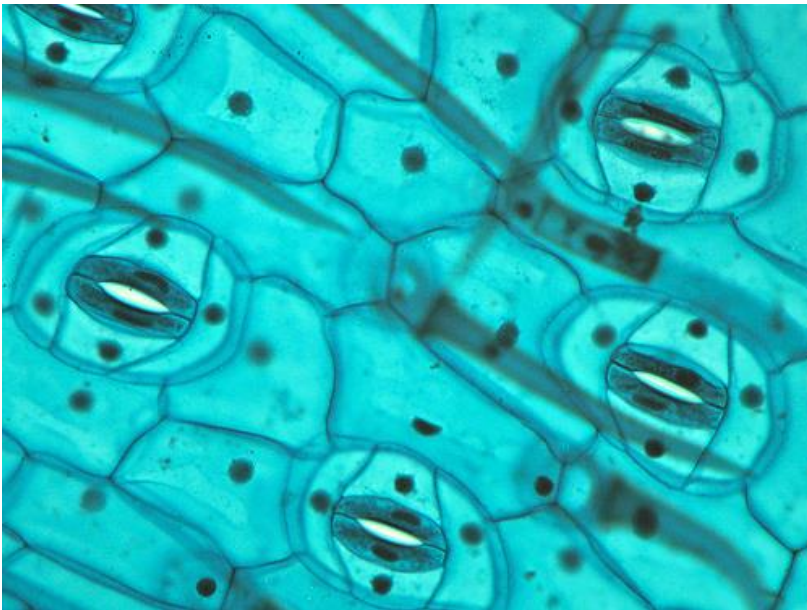
Identify the epidermal cells and guard cells.

Identify the stomata.

What gasses go into and out of the stomata?
(one in and two out)

What is the function of the guard cells?

Can you see the nuclei of these cells?



Plant Lab Review

This is a cross section of a leaf.

Using your lab book as a reference, identify all the cell and tissue types.

What is the function of each?



Plant Lab Review

Name each of the four phyla pictured below.
What kingdom and domain do they belong to?

What are the reproductive structures for each group?

Do they have vascular tissue?.

What are the distinguishing characteristics of each phyla?



Plant Lab Review

These question refer to the Flowering Plants phylum.

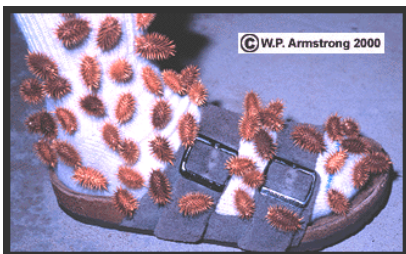
What is the difference between pollination and fertilization?

How are flowers adapted to ensure pollination by animal pollinators?

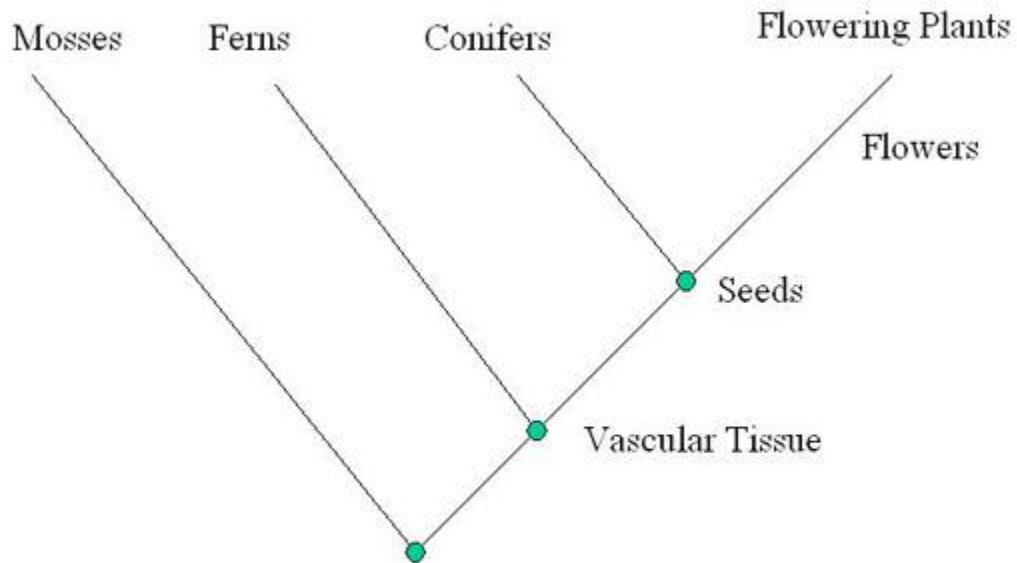
Name at least two different examples.

How are fruits adapted to ensure dispersal?

Name at least two different examples.



Plant Lab Review



If you are in Shawn's class, be sure that you are familiar with the diagram that he showed you.