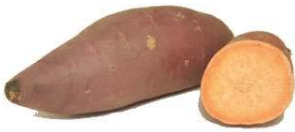
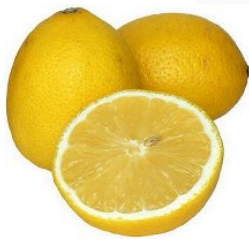




What part of the plant is used?

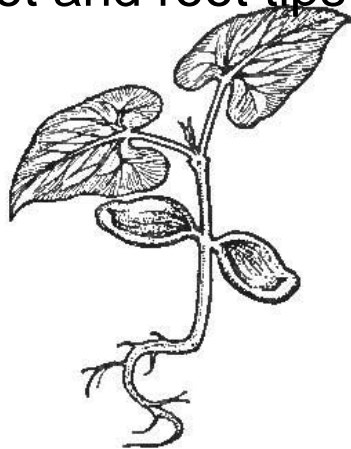


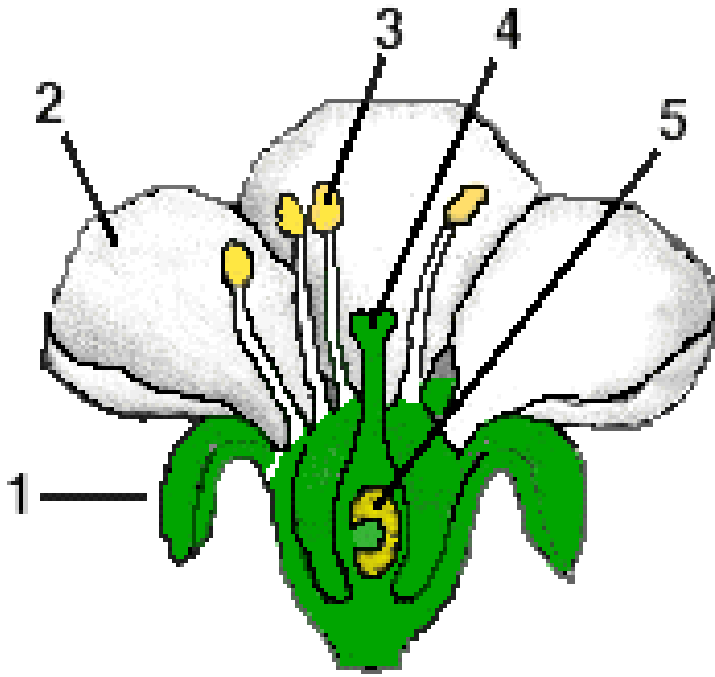


Name and find the parts: cotyledon, root, first true leaves on both the embryo and the seedling.

What is the function of the cotyledons?

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





Identify each of the parts.

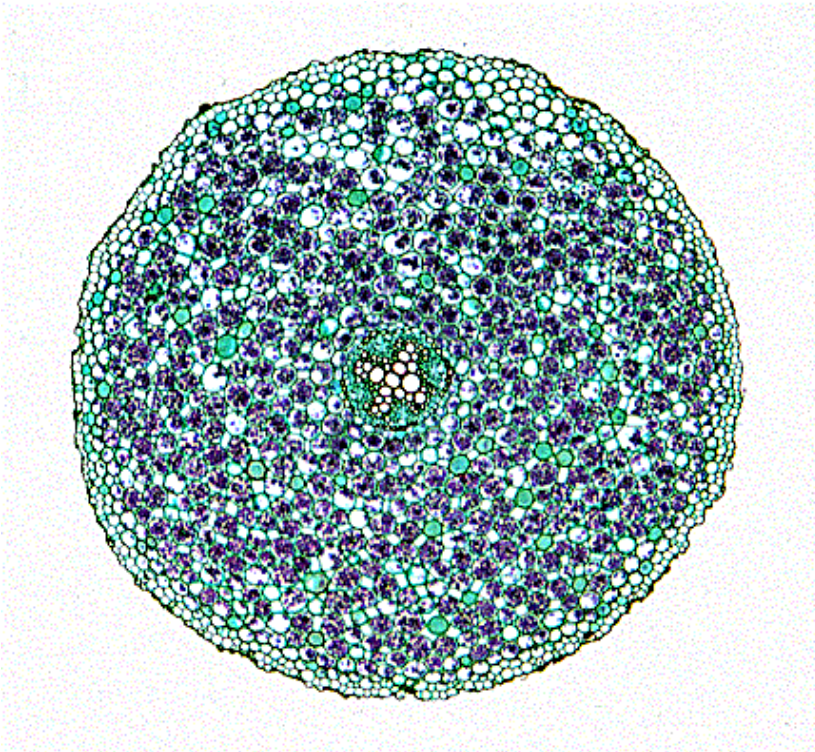
What is the function of each?

When part 5 is mature, what is it called?

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

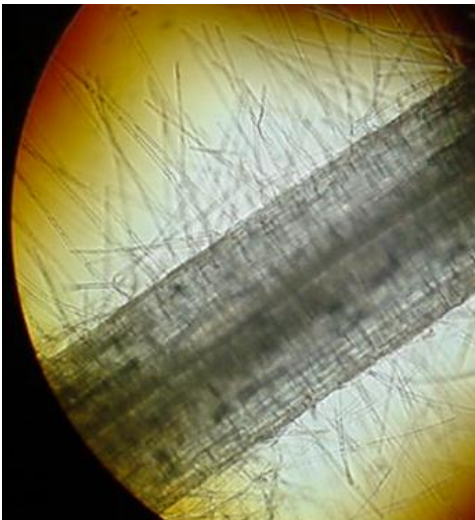
Using your lab book as a reference, identify all the cell and tissue types.

What is the function of each?



What is the function of the root?

What is the function of the root hairs?

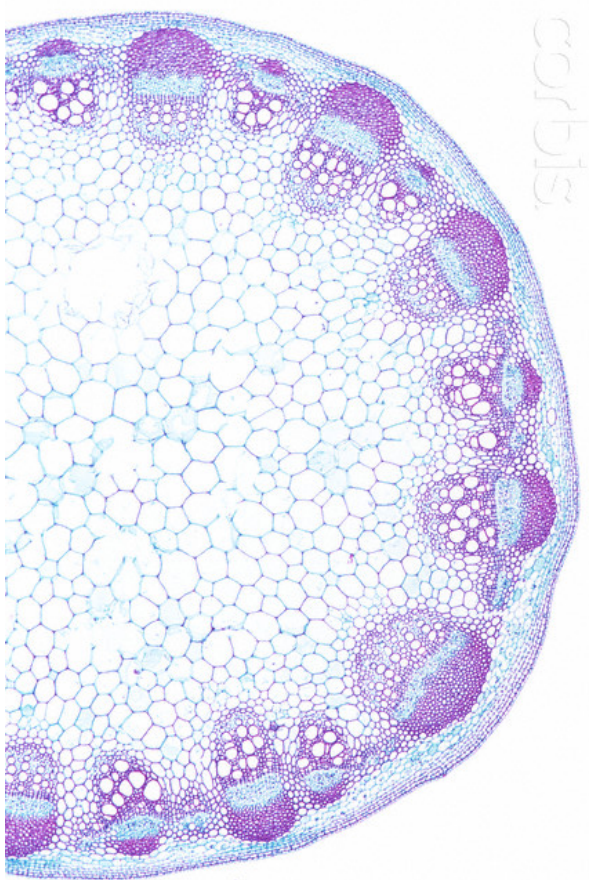
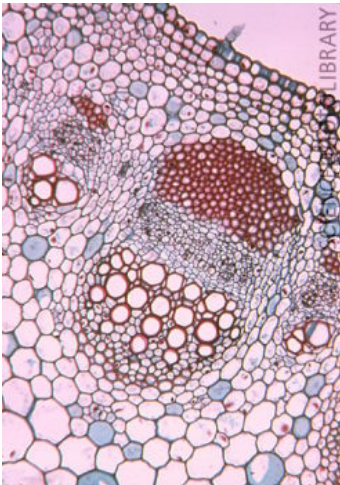




Is this a cross section of a plant stem or root?

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

What is the function of each?



What part of a plant is this from?

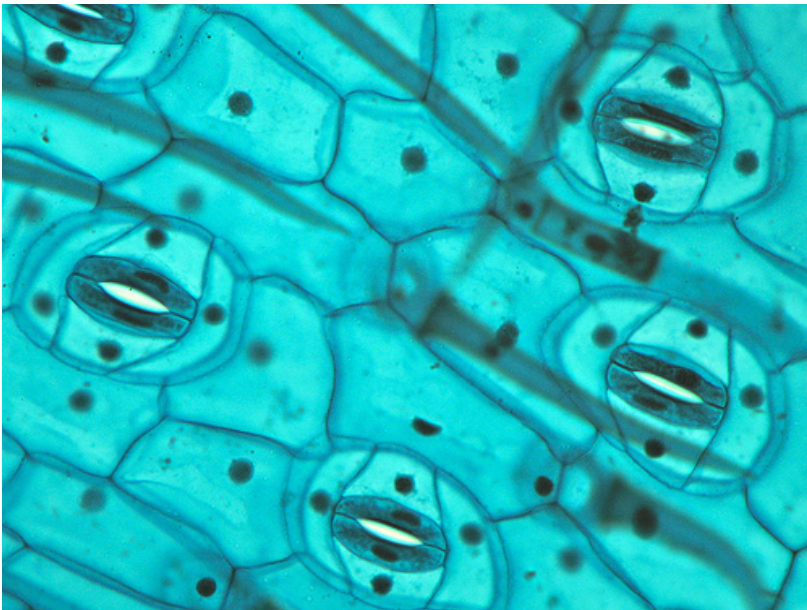
Identify the epidermal cells and guard cells.

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?



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?





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?



These question refer to the Flowering Plants phylum.

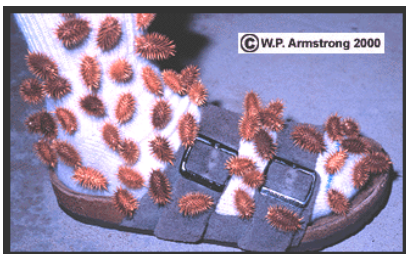
What is the difference between pollination and fertilization?

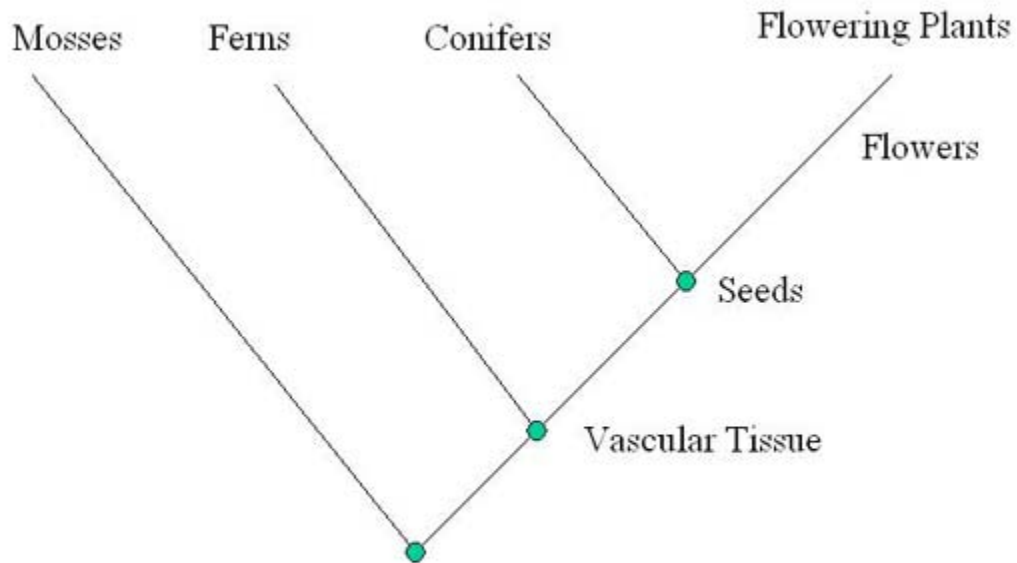
How are flowers adapted to ensure pollination by animal pollinators?

Name at least two different examples.

How are fruits adapted to ensure dispersal?

Name at least two different examples.





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