

Name: _____ Date: _____
 Class: _____
 Roll No.: _____
 Teacher: _____

The diagram shows a cross-section of a leaf. The upper part is the upper epidermis, followed by the palisade mesophyll, the spongy mesophyll, and the lower epidermis. The stomata are located on the lower epidermis. The guard cells are shown surrounding the stomatal pore. The xylem and phloem are located in the vascular bundle.



The diagram shows a cross-section of a stem. The outer layer is the epidermis, followed by the cortex, the vascular bundle, and the pith. The vascular bundle is composed of the xylem and the phloem. The xylem is the water-conducting tissue, and the phloem is the food-conducting tissue. The diagram also shows the cambium, which is the tissue between the xylem and the phloem.



The diagram shows a cross-section of a root. The outer layer is the epidermis, followed by the cortex, the vascular bundle, and the pith. The vascular bundle is composed of the xylem and the phloem. The xylem is the water-conducting tissue, and the phloem is the food-conducting tissue. The diagram also shows the cambium, which is the tissue between the xylem and the phloem.