

Name _____

AP Biology**Chapter 35 - Guided Reading Plant Form and Function****Guided Reading Assignment Campbell's 10th Edition****Essential Knowledge**

None

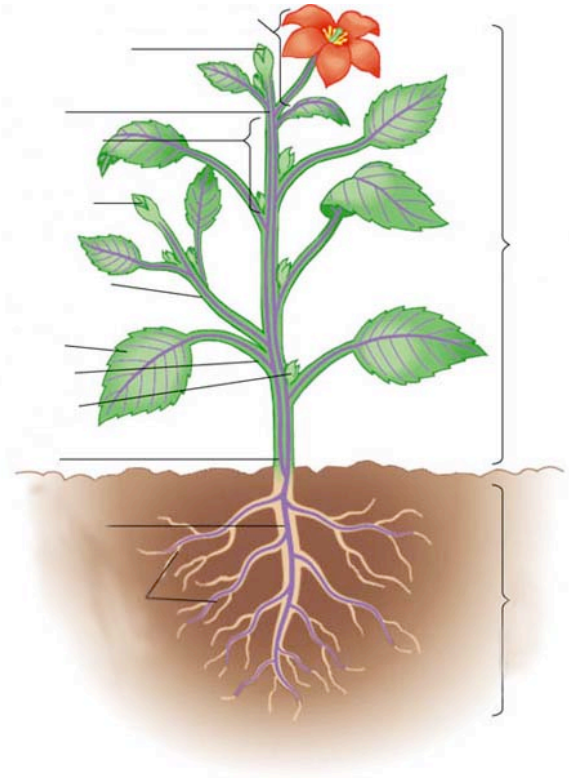
1. Label the parts of an angiosperm in the diagram:

2. Describe the three different root systems.

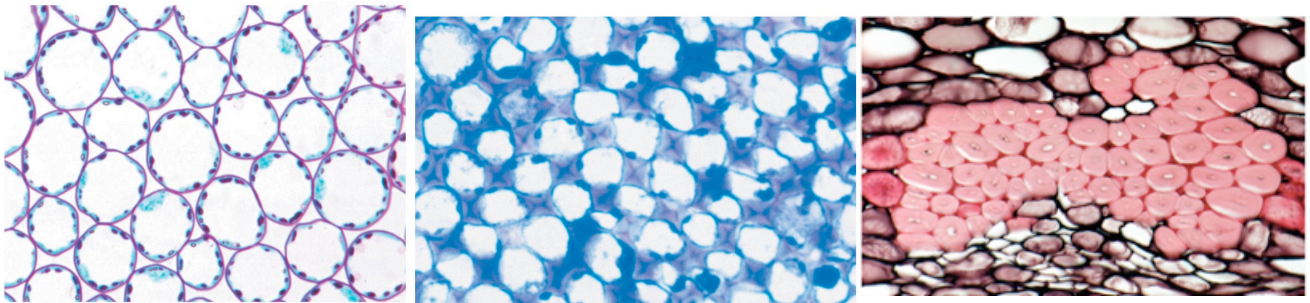
3. What is the main purpose of the leaf?

4. Define the following terms:

- a. Stem
- b. Nodes
- c. Internodes
- d. Axillary bud
- e. Terminal bud
- f. Apical dominance



5. Explain how the dermal tissue system functions.
6. What is the purpose of the Xylem and Phloem and how do they work together to form a system?
7. Label and describe the purpose of the three types of plant cells.



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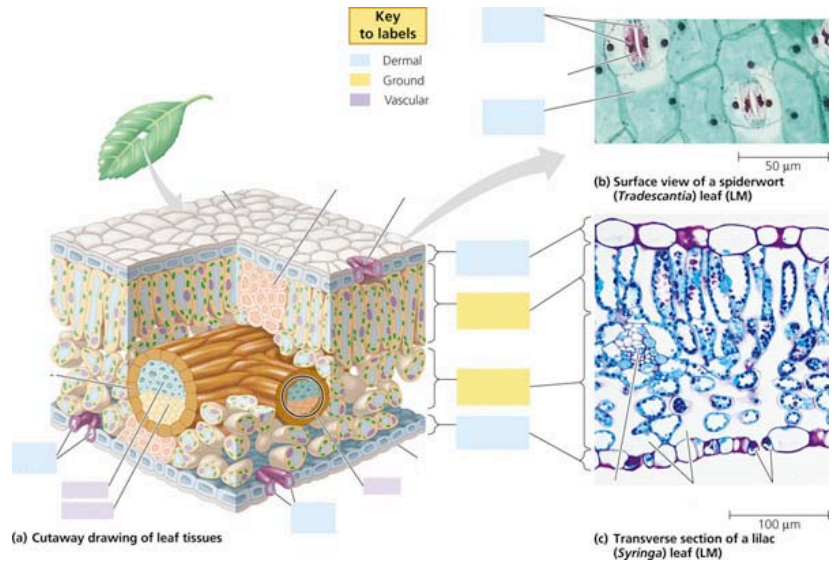
8. Define meristems and explain why they are important.
9. Define the following terms:
 - a. Primary plant body
 - b. Root cap
 - c. Zone of cell division
 - d. Zone of elongation
 - e. Zone of maturation

f. Endodermis

g. Pericycle

10. Describe the function and importance of stomata.

11. Label the parts of the diagram.



12. Compare and contrast primary and secondary growth.

13. Describe plant growth and cell expansion.