

SECTION
3

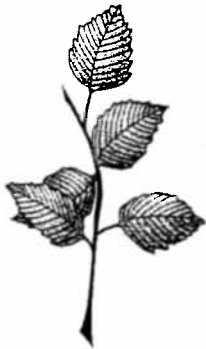
Reinforcement

Seed Plants

List at least 3 differences between angiosperms and gymnosperms in the chart.

ANGIOSPERMS	GYMNOSPERMS

Directions: Study the plants pictured below. On the line under each plant, write whether that plant is a monocot or a dicot.



3. _____



4. _____



5. _____



6. _____



7. _____

Directions: Answer the following questions on the lines provided.

8. What is a seed plant?

9. What are the functions of xylem and phloem?

10. What are some economic uses of gymnosperms?

Meeting Individual Needs

Directions: Complete the concept map using the terms in the list below.

seed plants

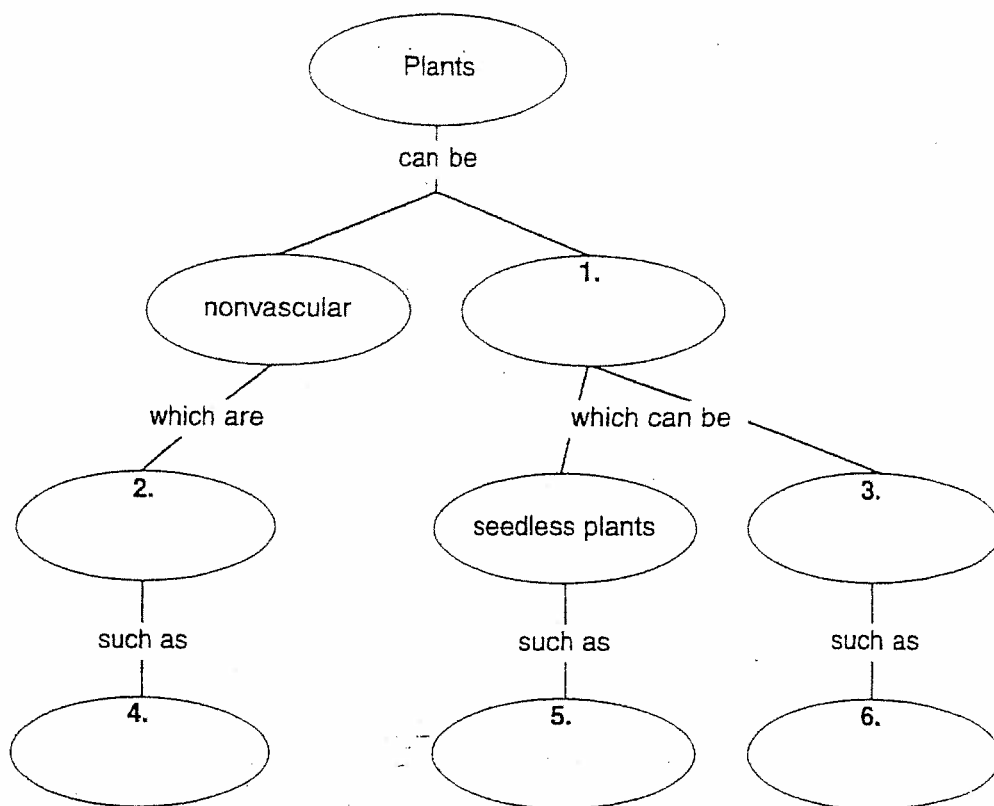
ferns

seedless plants

mosses

trees

vascular



Meeting Individual Needs

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1. What is a cotyledon?

2. How do the number of flower parts and cotyledons differ in monocots and dicots?

3. What is the function of vascular tissue in plants?

4. How do vascular bundles of monocots and dicots differ?

5. What is the name given to vascular plants in which the seed is enclosed inside a fruit?

Chapter Review (continued)

Part B. Concept Review

Directions: List four characteristics of plants.

1. _____
2. _____
3. _____
4. _____

Directions: Describe two structural adaptations of plants that enabled them to live on land.

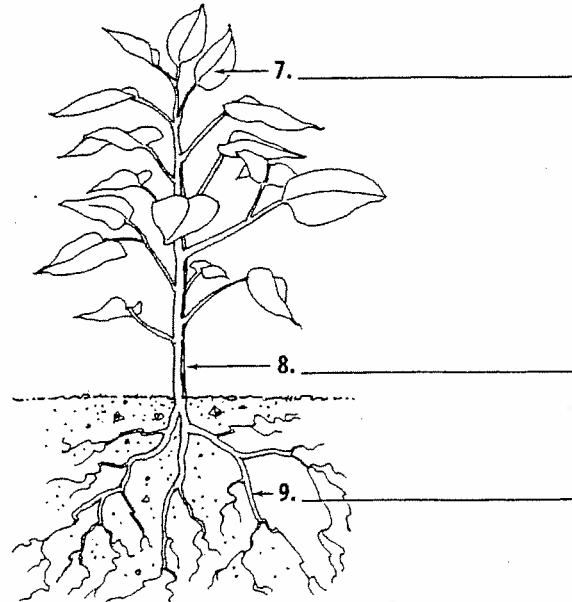
5. _____
6. _____

Directions: Identify each plant part and write what it does on the lines provided.

7. _____

8. _____

9. _____



Directions: Answer the following question using complete sentences.

10. Explain three ways in which nonvascular and vascular spore-producing plants are important.

- _____
- _____
- _____
- _____
- _____
- _____

Green pigments are essential for photosynthesis to take place. How do you think a Japanese Maple tree, which has only red leaves, can carry on photosynthesis?

Explain why most plants are green in color.

If you left a wooden board lying on the grass for a few days, what would happen to the grass underneath the board? Be certain to explain your response.

Identify 1 common characteristic shared by vascular and nonvascular plants and 2 differences between these groups. Your responses must reflect new knowledge gained in your study of botany this year.
