

Chapter 22 Plant Diversity **Section Review 22-1**

Reviewing Key Concepts

Short Answer *On the lines provided, answer the following questions.*

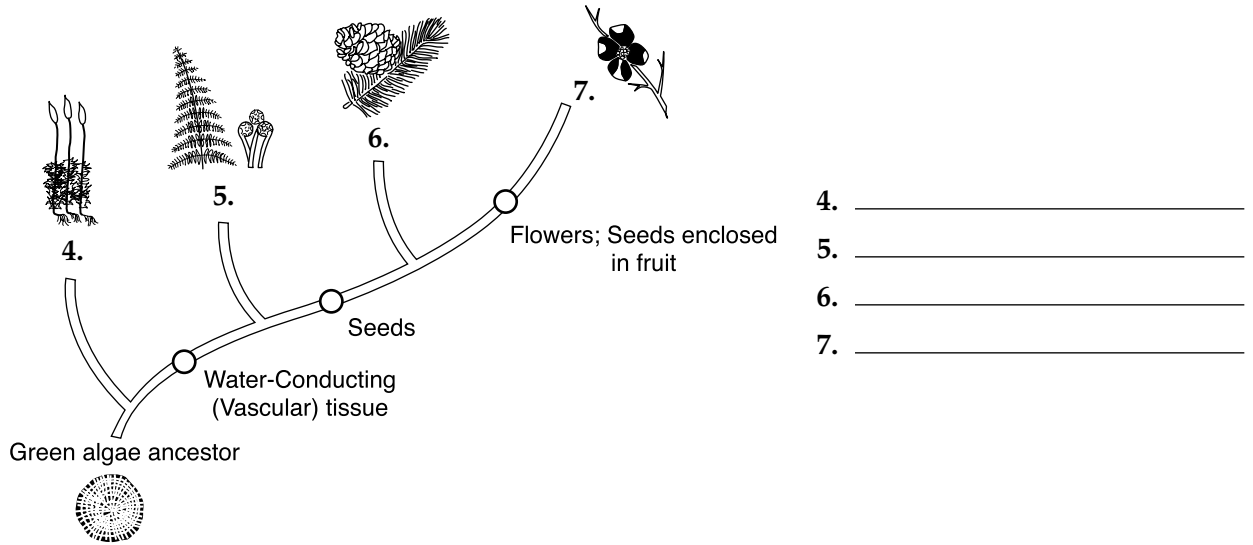
1. Describe the main characteristics of plants. _____

2. What are the four basic needs of plants? _____

3. The ancestors of the first land plants were similar to what organisms living today?

Reviewing Key Skills

Interpreting Graphics *On the lines provided, label the plants that correspond to the numbers in the diagram below as cone-bearing plants, ferns, flowering plants, or mosses.*



8. **Comparing and Contrasting** How do the two alternating generations of the plant life cycle differ?

9. **Inferring** How did the first land plants make it possible for other organisms to join them on land?

10. **Applying Concepts** Why might the evolution of the seed have enabled cone-bearing and flowering plants to become successful in living on dry land?

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