

Chapter 22 Plant Diversity

Section Review 22-1

Reviewing Key Concepts

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

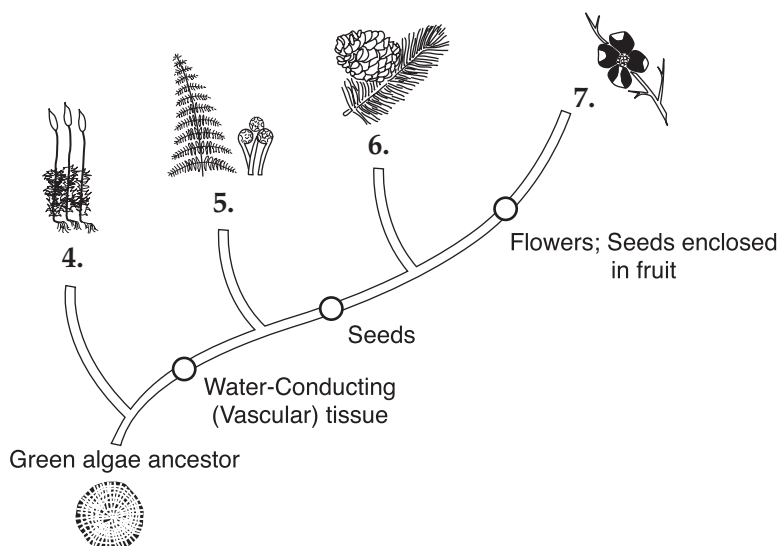
1. Describe the main characteristics of plants. _____

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

3. The ancestors of land plants were similar to what organisms alive today? _____

Reviewing Key Skills

Interpreting Graphics *On the lines provided, label the plants that correspond to the numbers in the diagram below as either mosses, ferns, gymnosperms, or angiosperms.*



4. _____
5. _____
6. _____
7. _____

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?

