

Name \_\_\_\_\_

Date \_\_\_\_\_

## Lesson 3—How Are Plants Sorted Into Groups?

### 1. Inquiry Skill Practice—Infer

Suppose you planted these two plants in soil that has a dry surface. The plant on the right survives. The one on the left does not. What can you infer about the plants?



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### 2. Use Vocabulary

Complete each sentence with the correct term from the box.

\_\_\_\_\_ is what carries food from leaves to all plant cells.

A \_\_\_\_\_ is a plant that produces naked seeds.

\_\_\_\_\_ is what carries food from roots to all plant parts.

xylem  
phloem  
gymnosperm

3.



### Reading Skill Practice—Main Idea and Details

Read the selection. Underline the main idea. List at least two details about the main idea.

There are many different kinds of plants. Among the many that exist, we find nonvascular plants. Nonvascular plants have characteristics that distinguish them from other plants. They have root-like structures but they have no true roots. Their leaves aren't true either. The leave-like structures help them make food. Nonvascular plants depend on their surroundings for their survival.

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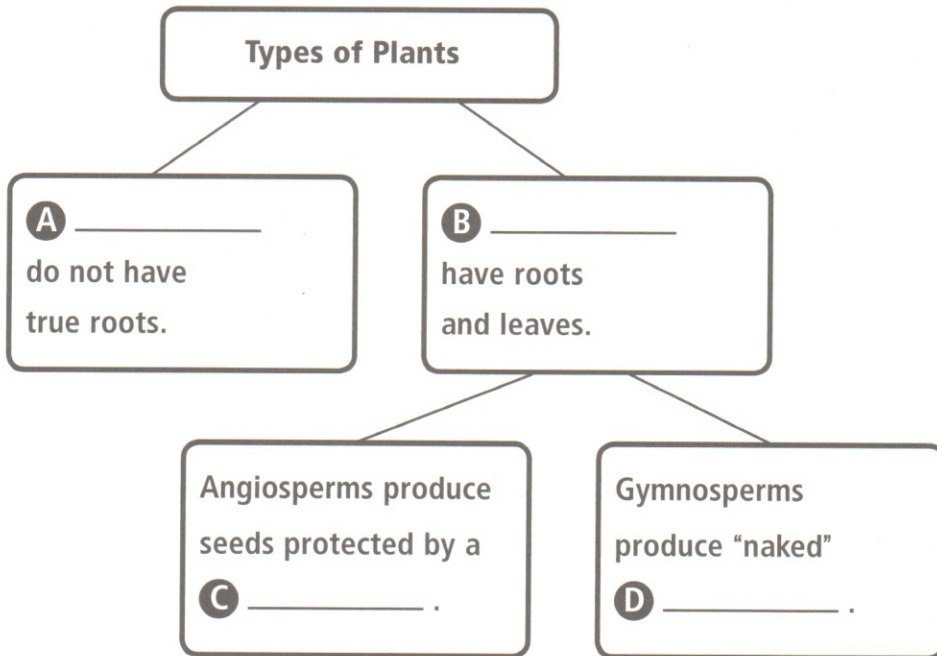
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4.  **Main Idea and Details**

Complete the graphic organizer.



5. **Critical Thinking and Problem Solving**

Water lilies are aquatic plants. They live in water. But like plants that grow in soil, water lilies need nutrients that come from the soil in order to survive. How do you think this plant obtains nutrients from the soil?

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## Chapter 6—Multicellular Organisms

### A. Related Words

Look up the words *kingdom* and *species* in a glossary. Then write the word or words that best complete each sentence.

1. Coyotes, foxes, jackals, wolves, and dogs are each separate \_\_\_\_\_.
2. However, they all belong to the animal \_\_\_\_\_.
3. The animal \_\_\_\_\_ and the plant \_\_\_\_\_ are both very large groups of very different living things.
4. There is also a fungi \_\_\_\_\_ that is made up of many \_\_\_\_\_ of living things that get their food from decaying remains.

### B. Classify/Categorize

The words *vertebrate* and *invertebrate* are opposites. Look their meaning up in a glossary. Then write the word on the line to classify each animal.

5. peacock \_\_\_\_\_
6. jellyfish \_\_\_\_\_
7. octopus \_\_\_\_\_
8. toad \_\_\_\_\_
9. earthworm \_\_\_\_\_
10. monkey \_\_\_\_\_
11. mosquito \_\_\_\_\_
12. trout \_\_\_\_\_
13. shrimp \_\_\_\_\_
14. cat \_\_\_\_\_