

# Understanding Plant Roots

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## Review Questions on Plant Structures and Functions

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about plant roots.

1. What did we learn about roots today? Include at least two key functions of roots.

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2. What are the primary functions of roots?

- A. To produce flowers
- B. To anchor plants and absorb nutrients
- C. To create seeds

3. Roots are only important for anchoring plants and do not help in nutrient absorption.

True       False

4. Roots help plants survive by absorbing \_\_\_\_ and nutrients from the soil.

5. What might happen to a plant without strong roots? Explain your answer.

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6. Which of the following is NOT a type of root structure?

- A. Taproot
- B. Fibrous root
- C. Leafy root

7. Different plants have different root systems designed for their environment.

True       False

8. Colossians 2:7 teaches us to be \_\_\_\_ and built up in Christ.

9. How do roots provide stability for a plant?

- A. By making the plant taller
- B. By anchoring it firmly in the soil
- C. By producing food

10. How can understanding plant roots help us appreciate God's design in nature? Give your thoughts.

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### Answer Key

1. We learned that roots anchor plants in soil and absorb water and nutrients. 2. To anchor plants and absorb nutrients 3. False 4. water 5. Without strong roots, a plant might not get enough water and nutrients, leading to poor growth or death. 6. Leafy root 7. True 8. rooted 9. By anchoring it firmly in the soil 10. Understanding plant roots shows us how God designed plants to survive and thrive in their environments, demonstrating His creativity.