

Structure and Function of Plants ▪ 10.5 Review and Reinforce

Reproduction in Seed Plants

Understanding Main Ideas

Answer the following in the space provided.

1. The seeds of gymnosperms are referred to as “naked” because they are not enclosed by a _____.
2. Name two characteristics of angiosperms.

3. Briefly describe the process of embryo formation in an angiosperm.

Building Vocabulary

Match each term with its definition by writing the letter of the correct definition on the line beside the term in the left column.

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| _____ 4. cone | a. flowering plant |
| _____ 5. ovary | b. reproductive structure of an angiosperm |
| _____ 6. lower | c. leaflike structure that encloses a flower bud |
| _____ 7. gymnosperm | d. colorful, leaflike structure |
| _____ 8. pollination | e. angiosperm with one seed leaf |
| _____ 9. ovule | f. angiosperm with two seed leaves |
| _____ 10. sepal | g. the transfer of pollen from a male reproductive structure to a female reproductive structure |
| _____ 11. petal | h. reproductive structure of a gymnosperm |
| _____ 12. dicot | i. a ripened ovary |
| _____ 13. monocot | j. female part of a flower |
| _____ 14. fruit | k. a seed plant that produces naked seeds |
| _____ 15. stamen | l. a structure that contains and ovum |
| _____ 16. angiosperm | m. male part of a flower |
| _____ 17. pistil | n. encloses and protects ovules and seeds as they develop |