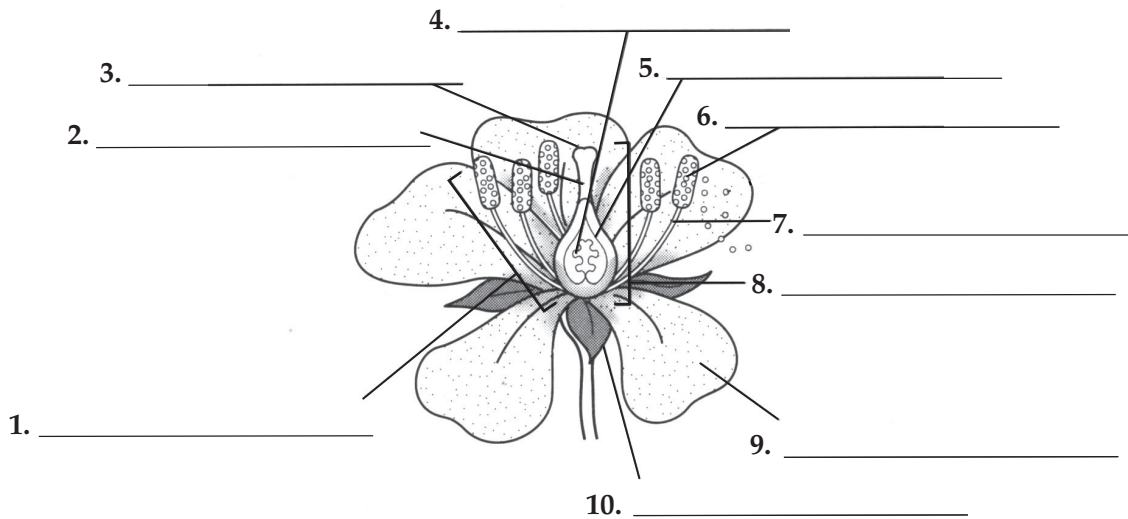


Chapter 24 Reproduction of Seed Plants

Vocabulary Review

Labeling Diagrams Use the following words to label the parts of the flower: anther, carpel, filament, ovary, ovule, petal, sepal, stamen, stigma, and style.



Completion Fill in the blanks with terms from Chapter 24.

11. In gymnosperms, pollen grains form in _____.
12. The female gametophyte is produced by _____ in gymnosperms.
13. When a pollen grain lands on a stigma, it begins to grow a(an) _____.
14. Brightly colored _____ attract pollinators to flowers.
15. In angiosperms, pollen grains are produced within the _____.
16. The sticky portion of the carpel where pollen grains often land is called the _____.
17. The female gametophyte of the flowering plant consisting of eight nuclei and the surrounding membrane is called the _____.
18. A food-rich tissue that nourishes the seedling as it grows is called the _____.
19. The process of _____ in angiosperms produces a diploid zygote and a triploid endosperm.
20. During _____, plant embryos are alive but not growing.
21. Seed _____ is the early growth stage of the plant embryo.
22. When flowering plants reproduce asexually it is called _____.
23. Strawberry plants send out long trailing stems called _____ that produce roots when they touch the ground.
24. In _____, stems are used as scions.
25. When buds are used as scions, the process is called _____.