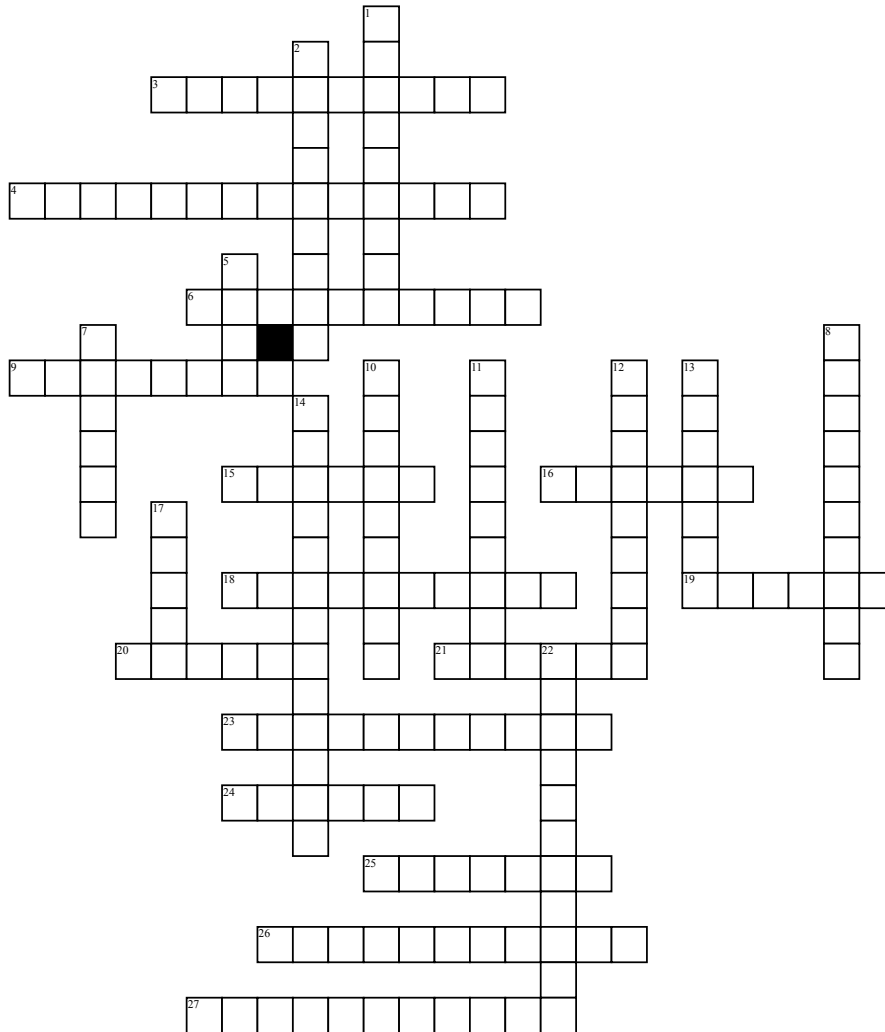


Name: _____

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Plant Characteristics, Classification, and Evolution



Across

3. A plants that has seeds not covered by an ovary or fruit
 4. a life cycle with multicellular haploid a diploid stages
 6. Both male and female sporangia are produced on a single plant
 9. A water-conducting cell present in vascular land plants
 15. The male organ on the flower
 16. The upper tip of the carpel that receives pollen
 18. The diploid life stage of a plant that produces haploid spores through meiosis
 19. The part of the stamen that produces pollen
 20. small leaf fragments released by the gametophyte of liverworts for asexual reproduction

21. The green-leaf like parts of a flower that enclose the petals
 23. The haploid life stage of a plant that produces gametes through mitosis
 24. The colorful parts on the flower that are attractive to pollinators
 25. A filamentous, root-like growth that loosely anchors a gametophyte to its substrate
 26. drying out
 27. The female gametangium

Down

1. A life cycle where the primary form is haploid and only the zygote is diploid
 2. An embryonic leaflike organ that transfers nutrients to a developing embryo
 5. Clusters of sporangia found on the undersides of ferns

7. The female organ of a flower
 8. A flowering plant that produces seeds inside a carpel
 10. Male and female sporangia are produced on separate plants
 11. A small opening in an ovule that acts as an entrance for a pollen tube
 12. a plant that loses its leaves in the fall
 13. Small openings in the plant epidermis that allow for gas exchange and limit water loss
 14. cytoplasmic linkages connecting neighboring cells
 17. A long, narrow structure that connects the stigma to the ovary
 22. The male gametangium

Word Bank

haplontic
 anther
 stamen
 gemmae
 rhizoid

tracheid
 haplodiplontic
 stigma
 micropyle
 gymnosperm

plasmodesmata
 Monoecious
 carpel
 antheridium
 angiosperm

sepals
 petals
 archegonium
 cotyledon

dioecious
 sori
 stomata
 Sporophyte

style
 Gametophyte
 deciduous
 Desiccation