

3. Answers will vary. Students should understand that the seeds reside in the longer-living, or female, cones.

Copyright © Glencoe/McGraw-Hill, a division of The McGraw-Hill Companies, Inc.

1. Answers will vary. Students should observe that the cones are not all alike.

2. While the cone's size and shape relate to its stage of development, the main difference is that some are male and some are female.



1. These photos show pine cones in similar stages of development. Do you notice any physical differences between the two? Explain.
2. What might explain those differences?
3. If you learned that cones in the top photo live for a short time, while the cones in the bottom photo live for three or more years, in which cones might you expect to find the seeds for a tree?