

3. Answers will vary. Students should understand that cell structure, methods for obtaining nutrition, reproductive cycles, habitat, and ability to move are among the means by which biological classes are determined and distinguished.

1. Identification of any species as belonging to a specific group can depend on evidence only available by studying its life cycle or cell structure.

2. Answers will vary. More information on the mobility of the sea anemone might be needed.

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



1. Can you determine whether these species belong to the same biological classification? Explain your answer.
2. If you were told that all members of a classification are mobile, would you be able to eliminate one of the species from that classification?
3. If all the species in the photos belong to the same classification, what could you study to determine that group's features?