

30-1 SECTION REVIEW

1. What are the main characteristics of vertebrates?
2. Discuss ways in which fishes are adapted for three different modes of feeding.
3. Name and describe three different reproductive strategies in fishes.
4. Describe the three basic groups of fishes. Give an example of a member of each group.
5. **Critical Thinking—Relating Concepts** Why are lobe-finned fishes and lungfishes important to evolutionary biologists?

30-2 SECTION REVIEW

1. What is an amphibian?
2. In what ways are amphibians adapted to life on land? What characteristics restrict most of them to water?
3. How does a frog carry out its essential life functions?
4. How are frogs and toads similar to salamanders? How are they different?
5. Major changes take place in a tadpole's digestive and circulatory systems during metamorphosis. Why do you think these changes are necessary?
6. **Connection—Ecology** In some areas, populations of toads and frogs are decreasing dramatically. What effects might this decrease have on other organisms?