

Name \_\_\_\_\_ Date \_\_\_\_\_

# Practice • Relationships Among Organisms

Student Edition pages 328–329

## A. Write a definition for each relationship.

1. parasitism \_\_\_\_\_
2. mutualism \_\_\_\_\_
3. commensalism \_\_\_\_\_

## B. Read each description. Decide which symbiotic relationship best describes each one. Write *mutualism*, *parasitism*, or *commensalism* for each.

- \_\_\_\_\_ 4. A hummingbird gets nectar from flowers. While the hummingbird is collecting nectar, it pollinates the flowers.
- \_\_\_\_\_ 5. Mosquitoes feed on the blood of other animals.
- \_\_\_\_\_ 6. A remora is a fish that stays attached to a shark by using a sucker. The remora feeds on the pieces of food not eaten by the shark. The shark is not harmed by the remora.
- \_\_\_\_\_ 7. Termites eat wood. However, the wood is made up of cellulose and termites cannot digest it. Protists live in the digestive tract of termites. They help the termites digest the cellulose.
- \_\_\_\_\_ 8. Orchids grow on the branches of some trees in the rain forest. The trees provide the orchids with a place to live. The trees are not affected by the orchids.

## WRITE ABOUT BIOLOGY

Competition is the struggle between living things to obtain what they need to survive. What kinds of things do you think animals compete over? Give examples in your response. Write your answer on a separate sheet of paper.