Name _____

Date _____

Lesson Quick Study

Lesson 1 - How Do Organisms Compete and Survive in an Ecosystem?

1. Inquiry Skill Practice–Predict

Ants drink a sweet liquid given off by aphids, so they protect the tiny insects. Predict what would happen to the population of aphids in a garden if someone used chemicals to kill ants.

Possible answer: I predict that the population of aphids would decrease because there would be fewer ants to protect them.

2. Use Vocabulary

Match the clue on the left to the term on the right. Write the letter in the blank.

D	a lion stalking an antelope	**A.**	prey
A	what a mouse is to a cat	**B.**	adaptation
B	a cheetah's fast speed	**C.**	symbiosis
C	a bird eating insects off an ox	**D.**	predator

3. Focus Skill Reading Skill Practice–Main Idea and Details

Read the selection. Underline the main idea. List at least three details about the main idea.

Sea lampreys once had a great impact on fisheries in the Great Lakes. The lamprey, a parasite, attaches to a fish and extracts blood and other body fluids. One adult sea lamprey can kill 40 pounds of fish. Lake trout are its favorite host. Efforts to control sea lampreys seem to be working. The trout population in the Great Lakes has improved.

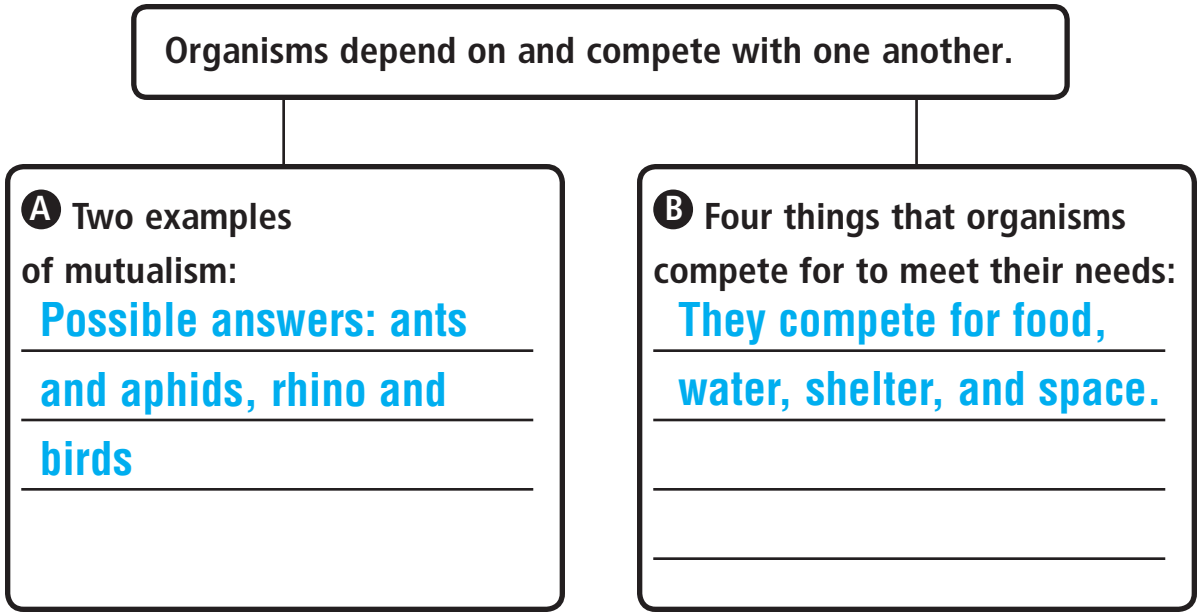
Possible answers: The sea lamprey is a parasite. Each one can kill 40 pounds of fish. Efforts to control sea lampreys have improved the trout population in the Great Lakes.

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4. Main Idea and Details

Complete the graphic organizer below.



5. Critical Thinking and Problem Solving

Marcus adopted a Labrador retriever from the humane society. He spent the summer swimming and hiking with his dog. Marcus also liked watching movies with his dog. Describe the symbiosis between Marcus and his dog.

Possible answer: This is an example of mutualism. Both Marcus and his dog benefit in this relationship. Together, they both exercise and relax. They help keep each other company.

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