Name _____ Class_____Date_____

Skills Worksheet

Section Review

Types of Interactions

USING KEY TERMS

1. In your own words, write a definition for the term *carrying capacity*.

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2. Use each of the following terms in a separate sentence: *mutualism, commensalism,* and *parasitism.*

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UNDERSTANDING KEY IDEAS

_____ 3. Which of the following is NOT a prey adaptation?
   a. camouflage
   b. chemical defenses
   c. warning coloration
   d. parasitism

4. Identify two things organisms compete with one another for.

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5. Briefly describe one example of a predator-prey relationship. Identify the predator and the prey.

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CRITICAL THINKING

6. **Making Comparisons** Compare coevolution with symbiosis.

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7. **Identifying Relationships** Explain the probable relationship between the giant *Rafflesia* flower, which smells like rotting meat, and the carrion flies that buzz around it. (Hint: *Carrion* means "rotting flesh.")

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8. **Predicting Consequences** Predict what might happen if all of the ants were removed from an acacia tree.

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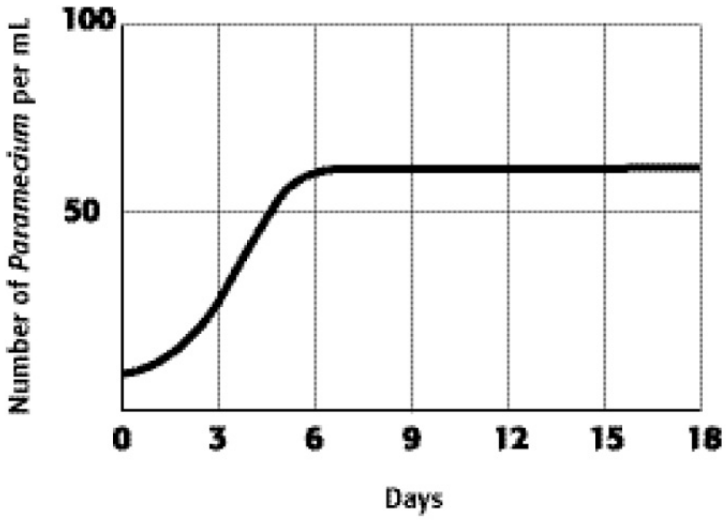
INTERPRETING GRAPHICS

The population graph below shows the growth of a species of Paramecium (single-celled microorganism) over 18 days. Food was added to the test tube occasionally. Use this graph to answer the questions that follow.

***Paramecium caudatum* Growth**



9. What is the carrying capacity of the test tube as long as food is added?

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10. Predict what will happen if no more food is added.

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11. What keeps the number of Paramecium at a steady level?

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