Name _____ Class_____Date_____

Skills Worksheet

Directed Reading

Section: Interactions in Communities

In the space provided, write the letter of the description that best matches each term.

_____ 1. predation

_____ 2. commensalism

_____ 3. coevolution

_____ 4. mutualism

_____ 5. symbiosis

_____ 6. parasitism

_____ 7. herbivory

_____ 8. host

_____ 9. prey

a. a relationship in which both species benefit

b. one organisms feeds and lives on another specific organism

c. an organism that provides food and a place to live for a parasite

d. one organisms kills another for food

e. the act of eating plants

f. back-and-forth evolutionary adjustment between two species that interact

g. an organism that is hunted and eaten by a predator

h. a relationship in which two species live in a close association with each other

i. a relationship in which one species is helped and the other is neither harmed nor helped

Complete each statement by writing the correct term in the space provided.

10. The evolution of predators to be more cunning and prey to be faster runners is an example of _____.

11. The relationship between dogs and fleas is an example of _____.

12. Orchids growing on the trunks of trees are an example of _____.

Complete each statement by underlining the correct term in the brackets.

13. In the relationship between lions and zebras, the lion is the [predator / prey].
14. In a parasite-host relationship, the host is usually [harmed / killed].
15. Some plants have evolved chemical compounds to [attract / discourage] herbivory.
16. The relationship between eels and cleaner fish is an example of [mutualism / commensalism].
17. Evolutionary changes in one species that result in changes in another species is called [mutualism / coevolution].

Read each statement, and write your response in the space provided.

18. Explain how an animal can be both predator and prey.

_____

_____

_____

19. Describe one way a host might defend itself against parasites.

_____

_____

20. Describe the coevolution of monarch butterflies and milkweed.

_____

_____

21. Is the relationship between monarch butterflies and milkweed mutualistic or commensalistic? Explain your reasoning.

_____

_____

22. Explain why the relationship between orchids and trees is *not* considered parasitic.

_____

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