

Skills Worksheet

Concept Review**MATCHING**

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

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|---|-----------------------------|
| _____ 1. an individual living thing | a. ecosystem |
| _____ 2. a group of various species that live in the same place and interact with each other | b. population |
| _____ 3. living or once living part of an ecosystem | c. natural selection |
| _____ 4. unequal survival and reproduction that results from the presence or absence of particular traits | d. organism |
| _____ 5. all the organisms living in an area and their physical environment | e. resistance |
| _____ 6. change in the genetic characteristics of a population from one generation to the next | f. abiotic factor |
| _____ 7. all the members of the same species that live in the same place at the same time | g. evolution |
| _____ 8. nonliving part of an ecosystem | h. species |
| _____ 9. ability of one or more organisms to tolerate a particular chemical designed to kill it | i. community |
| _____ 10. group of organisms that are closely related and that can mate to produce fertile offspring | j. biotic factor |

MULTIPLE CHOICE

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

- _____ 11. What kind of habitat does a red backed salamander need to survive?
- a.** damp forest floor
 - b.** sunny top of a tree
 - c.** dry forest floor
 - d.** sunny desert rock

Concept Review *continued*

- _____ **12.** Which of the following kingdoms include organisms that can make their own food?
- a.** protists and plants
 - b.** plants and animals
 - c.** fungi and plants
 - d.** fungi and protists
- _____ **13.** The Chihuahua is a dog that exists because of
- a.** natural selection.
 - b.** artificial selection.
 - c.** resistance.
 - d.** abiotic factors.
- _____ **14.** Humans have promoted the evolution of insects that are resistant to insecticides by
- a.** trying to control pests with chemicals.
 - b.** using insecticides that are outdated.
 - c.** using the wrong insecticide.
 - d.** breeding more useful insects.
- _____ **15.** Which of the following is *not* true of an adaptation?
- a.** It is an advantage to an organism in certain environments.
 - b.** It increases an organism's chance of reproducing.
 - c.** It increases an organism's chance of survival.
 - d.** It decreases an organism's chance of evolving.
- _____ **16.** Which of the following is *not* one of the kingdoms of living things?
- a.** archaebacteria
 - b.** protobacteria
 - c.** eubacteria
 - d.** protists
- _____ **17.** One way that bacteria and fungi are important to the environment is that they
- a.** produce oxygen.
 - b.** use the sun's energy to make their own food.
 - c.** are a major food source in many ecosystems.
 - d.** break down dead organisms.
- _____ **18.** Phytoplankton are important protists because they are the initial source of
- a.** food in most land ecosystems.
 - b.** food in most ocean and freshwater ecosystems.
 - c.** oxygen in the atmosphere.
 - d.** Both (a) and (b)
- _____ **19.** Many angiosperms depend on
- a.** other animals in the oceans.
 - b.** gymnosperms for reproducing.
 - c.** plants for food.
 - d.** animals to carry pollen and disperse seeds.
- _____ **20.** Which of the following characteristics is shared by bacteria, fungi, and plants?
- a.** They usually have cell walls.
 - b.** They have cell nuclei.
 - c.** They are single celled.
 - d.** They have the ability to make their own food.