

## Words to Know

Write the word next to the description it matches.

ecosystem	habitat	population	community
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- \_\_\_\_\_ all the populations that live in the same place
- \_\_\_\_\_ living things of the same kind that live in the same place
- \_\_\_\_\_ living and nonliving parts interacting in an environment
- \_\_\_\_\_ place where a living thing makes its home



## Explain

Write if each statement is *true* or *false*. Explain your choice.

5. Living parts of an ecosystem do not depend on nonliving parts.

This statement is \_\_\_\_\_ because \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Populations in a community depend on each other.

This statement is \_\_\_\_\_ because \_\_\_\_\_  
\_\_\_\_\_

producer	consumer	decomposer
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- \_\_\_\_\_ a living thing that eats other living things
- \_\_\_\_\_ a living thing that makes its own food
- \_\_\_\_\_ a living thing that breaks down waste and dead plant and animal matter



## Explain

Write if each statement is *true* or *false*. Explain your choice.

4. Decomposers get their energy directly from the sun.

This statement is \_\_\_\_\_ because \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. A consumer in a food web eats all the producers in that food web.

This statement is \_\_\_\_\_ because \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Circle the choice you think is correct for each multiple choice question.

1. Which of the following is an example of an interaction between a living part and a nonliving part in an ecosystem?
  - A an insect using a plant as shelter
  - B a bird using an insect for food
  - C a worm using the soil as shelter
  - D a snake using a mouse for food
2. The water in a wetland is an example of a \_\_\_\_\_.
  - A habitat
  - B community
  - C population
  - D living part
3. Which of the following is a decomposer?
  - A grass
  - B eagle
  - C mouse
  - D mushroom
4. Look at the food chain below.  
Grass → Rabbit → Fox  
How do foxes get energy?
  - A from eating grass
  - B from using the sun to make food
  - C from eating rabbits
  - D from eating other foxes
5. Pigs eat both plants and animals. Which word best describes pigs?
  - A producer
  - B omnivore
  - C carnivore
  - D herbivore
6. Which is a way that a drought changes an ecosystem?
  - A Beaches wash away.
  - B Plants die from lack of water.
  - C Plants have more room to grow
  - D Animal habitats are flooded.
7. Which is not an example of a seasonal adaptation?
  - A Bats hibernate through the winter.
  - B Trees shed their leaves in the fall.
  - C Groundhogs dig burrows underground.
  - D Birds migrate to warmer places.
8. Which is an example of a living thing causing a change to an environment?
  - A beaver dam
  - B forest fire
  - C hurricane
  - D flood

- 9.** In a forest ecosystem food web, grass and trees are producers, mice and rabbits are herbivores, and owls are carnivores. Suppose a large part of a forest is cleared to build houses. How might this affect the living things in this food web?

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- 10.** Sometimes plants are brought from one place to another by people. One example is golden bamboo. It was brought to the United States from China and grows very quickly. How might golden bamboo harm an ecosystem?

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