

ANSWER

Prove it!

Answer the questions and write down the sentences from the text that support your answers. Remember to use quotation marks!



1. How do plants make their own food? Through photosynthesis from the sun.

Which sentence supports your answer?

"Plants, for example, are producers that use the sun and the process of photosynthesis to make their food."

2. What are consumers? Living things that eat other living things.

Which sentence supports your answer?

"Consumers are living things that eat other living things."

3. What does a food chain show? It shows how energy is transferred from one living thing to the next.

Which sentence supports your answer?

"A food chain shows this relationship and how energy in the form of food transfers from one living thing to another."

4. What is a food web? A group of connected food chains.

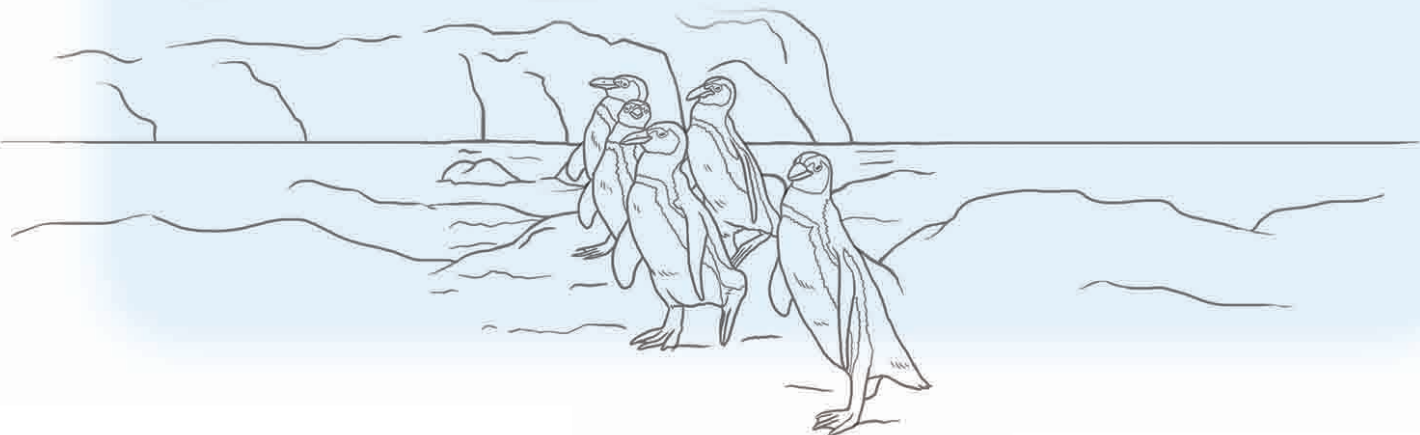
Which sentence supports your answer?

"A food web is a group of food chains that are connected."

5. What happens if a type of predator dies out? The prey would become overpopulated.

Which sentence supports your answer?

"For example, if a predatory animal dies out, the population of the animals it preys on would increase."

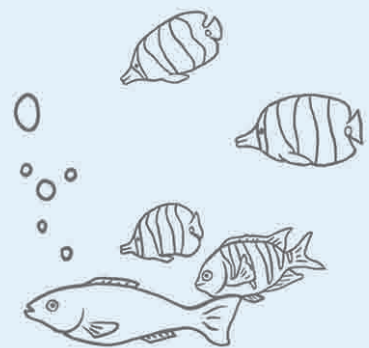


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The main idea tells you what the text is all about. Sometimes a text has more than one main idea. This is especially true in science when you are often given a lot of information at once. Put an X next to the main ideas. Make sure it is a main idea that shows the big picture and not just a supporting detail.

1. X All living things are divided up into many different groups.
2. _____ A producer can make its own food.
3. X All living things rely on each other for food and energy.
4. X A food web is a group of connected food chains.
5. _____ Adult killer whales are at the top of their food web.
6. X Balance in a food web is very important.
7. _____ Caterpillars are prey for small birds, and small birds are prey for cats.



Directions: Put all your knowledge to the test. Circle the correct answer.



1. What two major elements make up most food webs?
 - a. The sun and producers
 - b. Producers and consumers
 - c. Carnivores and herbivores
 - d. Decomposers and omnivores
2. Humans can cause an imbalance in the food chain.
 - a. True
 - b. False
3. Why are decomposers important?
 - a. Because without them there would be a lot of dead plants and animals.
 - b. Because consumers depend on them for food.
 - c. Because producers depend on them for food.
 - d. None of the above.
4. People are...
 - a. Omnivores
 - b. Carnivores
 - c. Herbivores
 - d. Decomposers
5. How do plants grow?
 - a. By absorbing nutrients from consumers.
 - b. By being at the top of the food chain.
 - c. Through photosynthesis.
 - d. Plants do not need to grow because they are producers.
6. A cow is a carnivore.
 - a. True
 - b. False
7. A lion is at the top of its food chain.
 - a. True
 - b. False
8. The sun is the ultimate source of energy for all living things.
 - a. True
 - b. False
9. An animal is either a predator or a prey, not both.
 - a. True
 - b. False
10. What can weaken or destroy food webs?
 - a. Pollution
 - b. Habitat destruction
 - c. Overfishing
 - d. All of the above

