

Food Chain and Food Web Quiz

Name: _____

1. What are the major roles plants and animals play in the food web?
 - a. producers, consumers, and decomposers
 - b. composers, consumers, and reproducers
 - c. consumers, scavengers, and parasites

2. Which of these is not a producer?
 - a. leopard
 - b. fern
 - c. Eucalyptus tree

3. What do you call an animal that eats both plants and meat?
 - a. carnivore
 - b. omnivore
 - c. herbivore

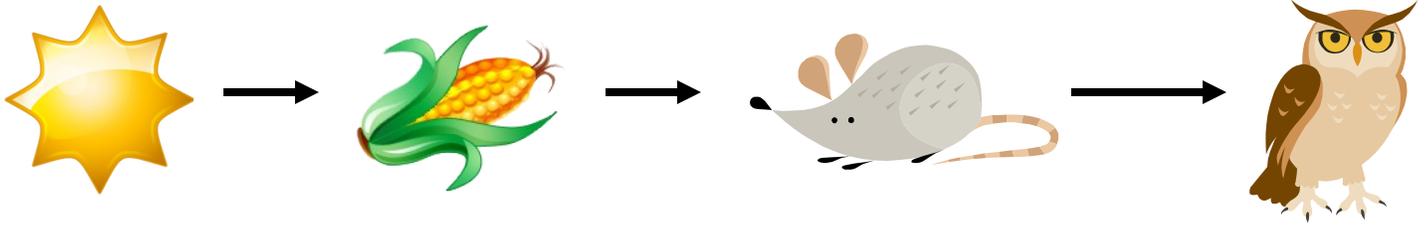
4. Decomposers are usually...
 - a. very hungry animals
 - b. bacteria and fungi
 - c. scavengers

5. What role do humans play in the food web?
 - a. producer
 - b. consumer
 - c. decomposer

6. What makes up the largest part of every food web?
 - a. producer
 - b. consumers
 - c. decomposer

7. What are animals that eat only plants called?
 - a. producer
 - b. herbivore
 - c. decomposer

Use the food chain diagram below to answer questions 8-10



8. Which organism is the producer in this food chain?

- a. corn
- b. mouse
- c. owl

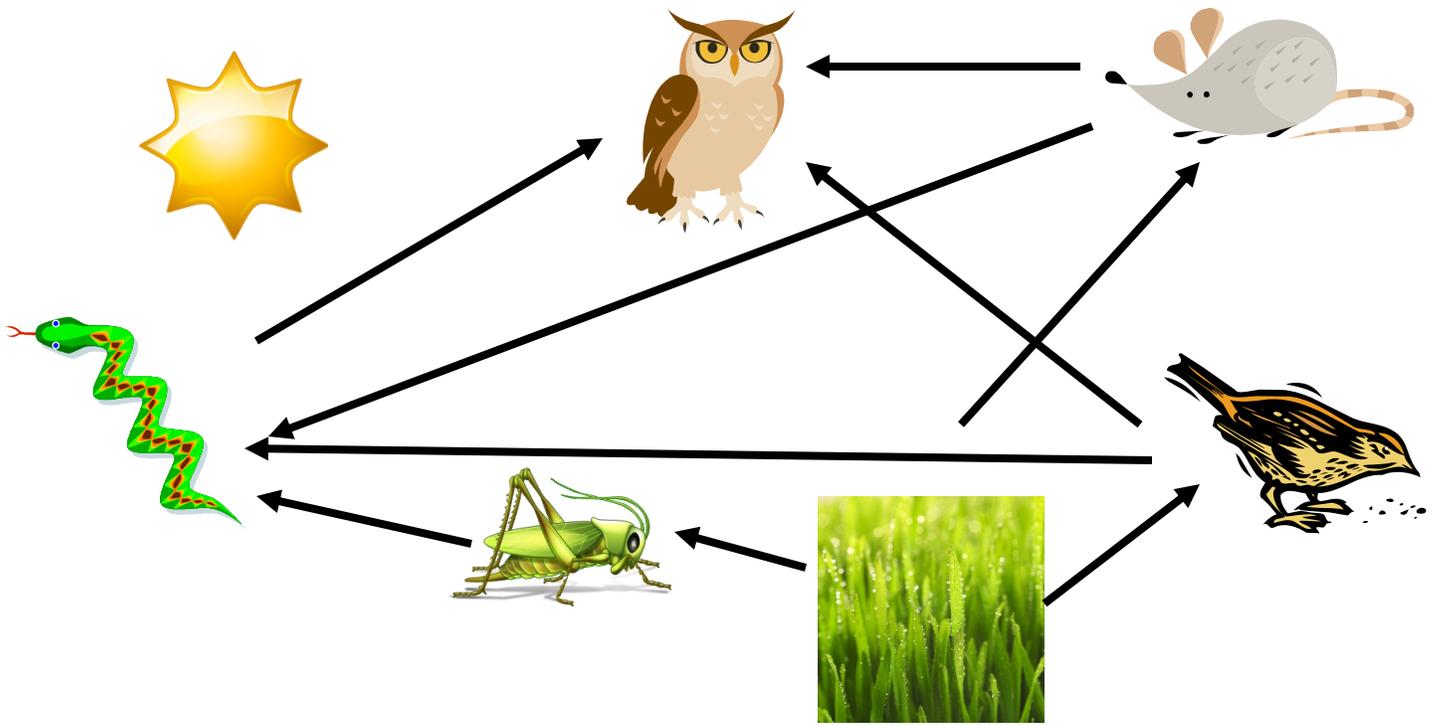
9. In this food chain, the owl is a _____?

- a. producer
- b. consumer
- c. decomposer

10. Which statement describes the movement of energy in the diagram above?

- a. Energy flows from the Sun, to the corn, to the mouse, to the owl.
- b. The owl gets its energy directly from the Sun.
- c. Energy flows from the owl, to the mouse, to the corn.

Use the food web diagram below to answer questions 11-14



11. What are the producers in the food web above?

12. What is the source of all of the energy in the food web?

13. Write down any food chain with three links in the food web.

14. What will happen to the other organisms in the food web if all of the snakes and owls are killed by someone?

Explain your answer.

Food Chain and Food Web Quiz

Answer Key

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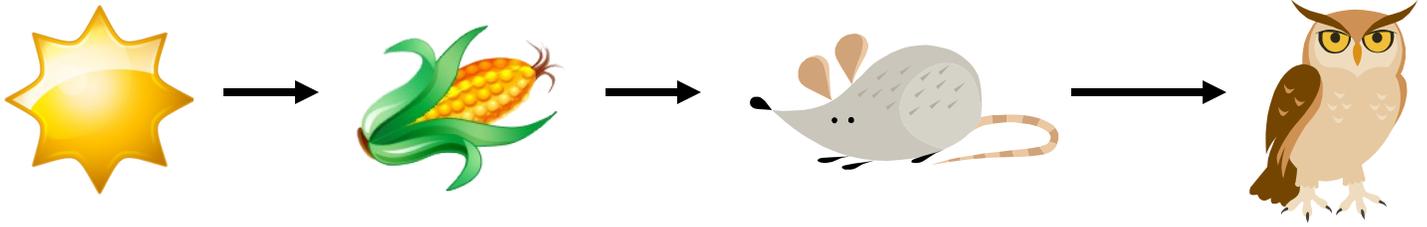
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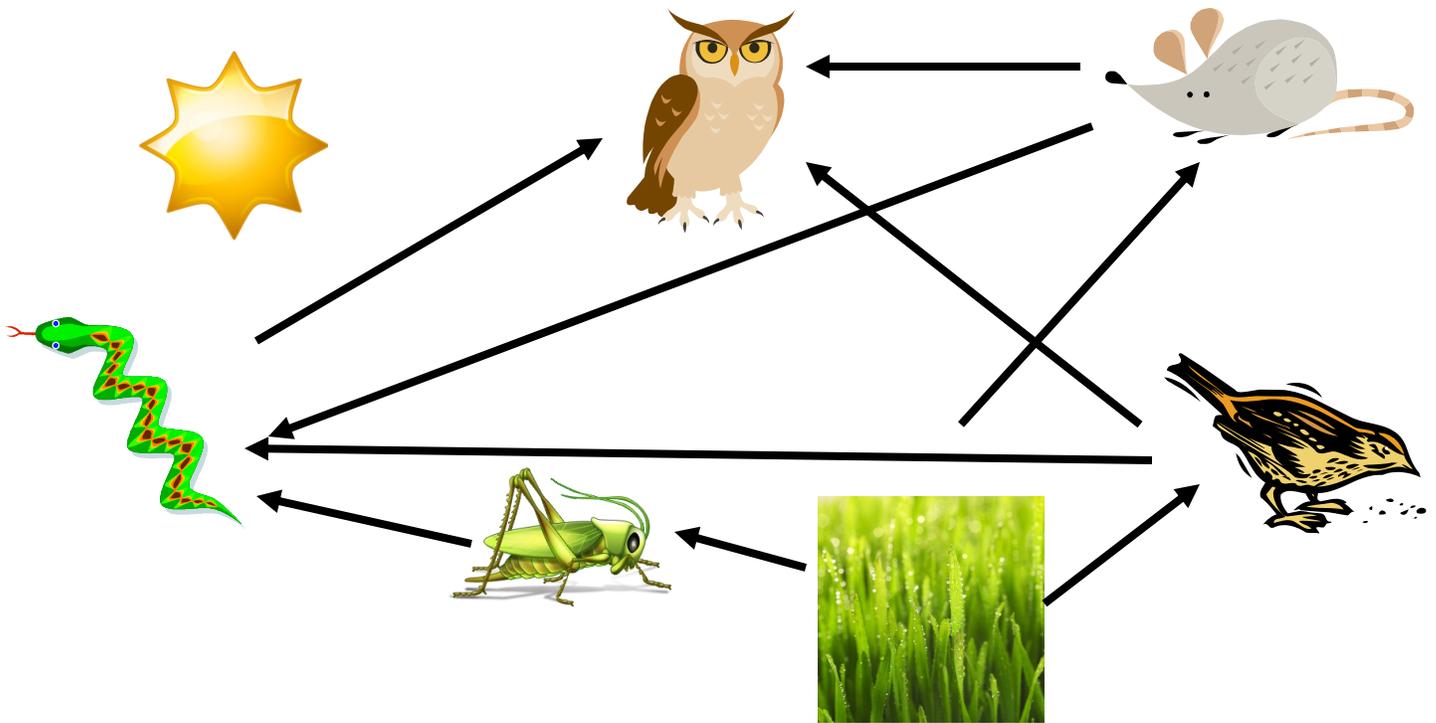
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Use the food web diagram below to answer questions 11-14



11. What are the producers in the food web above?

grass

12. What is the source of all of the energy in the food web?

Sun

13. Write down any food chain with three links in the food web. (all possible answers listed)

Sun → grass → grasshopper → snake

Sun → grass → mouse → owl

Sun → grass → sparrow → owl

Sun → grass → sparrow → snake

14. What will happen to the other organisms in the food web if all of the snakes and owls are killed by someone? Explain your answer.

If all the snakes and owls are killed by someone, the other organisms in the food chain will be competing more for food. There are more herbivores who will be competing for the food source (grass), which would result in the herbivores either dying of starvation or leaving.