

Relationships in Ecosystems

Answer the following questions.

1. Match the following terms to their definitions by writing the term in column A in the space next to the appropriate definition in column B.

Column A

- a) consumer
- b) carnivore
- c) producer
- d) herbivore
- e) decomposer
- f) omnivore

Column B

- eats only plant material
- causes breakdown of dead bodies
- eats both plants and animals
- eats producers
- eats only animals
- manufactures food using sunlight

2. What is a food chain?

3. Arrange the following organisms to make food chains:

- (a) white-tailed deer, spruce tree, wolf
- (b) owl, wheat kernels, mouse

4. What is the difference between a food chain and a food web?

5. Draw a food chain of at least three steps that includes humans.

6. Using an example, explain what a food pyramid demonstrates.
