

Food Chain Vocabulary Worksheet

Instructions:

Match the vocabulary terms to the descriptions below by placing the number next to the definition.

Vocabulary Word Bank

- A. Food chain
- B. Biomass
- C. Primary consumer
- D. Dry Mass
- E. Decomposer
- F. Producer
- G. Secondary consumer
- H. Trophic level
- I. Ecosystem
- J. Food web
- K. Photosynthesis
- L. Habitat
- M. Tertiary Consumer
- N. Quaternary Consumer

Definition

Answer

- 1 The mass of an organism _____
- 2 An organism which eats dead material or animal droppings, and breaks them down into simpler materials _____
- 3 The mass of an organism after its water content has been removed. _____
- 4 A community of animals, plants, and microorganisms and the habitat where they live _____
- 5 A sequence (or diagram) of the eating relationships between organisms, showing which organisms eat what as well as the movement of energy through the trophic levels _____
- 6 A network of food chains, showing how they link together _____
- 7 A place where plants, animals and microorganisms live _____
- 8 A chemical process used by plants and algae to make glucose and oxygen from carbon dioxide and water, using light energy and producing oxygen is produced as a by-product _____
- 9 The name given to an organism (a herbivore or omnivore) that eats a producer. _____
- 10 An organism, such as a plant, which absorbs the sun's energy and converts it into _____
- 11 An organism that obtains its energy by eating the primary consumer (omnivore or carnivore) _____
- 12 An organism that obtains its energy by eating the secondary consumer (usually a carnivore) _____
- 13 The position of an organism in a food chain, food web, or pyramid _____
- 14 An organism that obtains its energy by eating the tertiary consumer (carnivore) _____

The Food Chain: Multiple Choice Quiz

1. **What is a trophic level?** Answer: _____
A. The position of an organism in a food chain, food web or pyramid
B. The amount of food consumed by an organism in a food chain food, food web, or pyramid
C. The size of a bar drawn in a pyramid or numbers or biomass
2. **What is the producer in this food chain?** Answer: _____
A. Grass
B. Cow
C. Human
3. **What is a primary consumer?** Answer: _____
A. An animal that eats other animals
B. A plant that uses sunlight for photosynthesis
C. An animal that eats plants
4. **What resource do plants not compete for?** Answer: _____
A. Water
B. Food
C. Space
5. **What is transferred along a food chain?** Answer: _____
A. Energy only
B. Substances only
C. Energy and substances

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| B. Biomass | I. Ecosystem |
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| D. Dry Mass | K. Photosynthesis |
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| F. Producer | M. Tertiary Consumer |
| G. Secondary consumer | N. Quaternary Consumer |

Definition

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1 The mass of an organism | B |
| 2 An organism which eats dead material or animal droppings, and breaks them down into simpler materials | E |
| 3 The mass of an organism after its water content has been removed. | D |
| 4 A community of animals, plants, and microorganisms and the habitat where they live | I |
| 5 A sequence (or diagram) of the eating relationships between organisms, showing which organisms eat what as well as the movement of energy through the trophic levels | A |
| 6 A network of food chains, showing how they link together | J |
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| 13 The position of an organism in a food chain, food web, or pyramid | H |
| 14 An organism that obtains its energy by eating the tertiary consumer (carnivore) | N |

Answer

The Food Chain: Multiple Choice Quiz

1. **What is a trophic level?** Answer: A
A. The position of an organism in a food chain, food web or pyramid
B. The amount of food consumed by an organism in a food chain food, food web, or pyramid
C. The size of a bar drawn in a pyramid or numbers or biomass
2. **What is the producer in this food chain?** Answer: A
A. Grass
B. Cow
C. Human
3. **What is a primary consumer?** Answer: C
A. An animal that eats other animals
B. A plant that uses sunlight for photosynthesis
C. An animal that eats plants
4. **What resource do plants not compete for?** Answer: B
A. Water
B. Food
C. Space
5. **What is transferred along a food chain?** Answer: C
A. Energy only
B. Substances only
C. Energy and substances