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  H. Trophic level
B. Biomass      I. Ecosystem
C. Primary consumer J. Food web
D. Dry Mass     K. Photosynthesis
E. Decomposer   L. Habitat
F. Producer     M. Tertiary Consumer
G. Secondary 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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**Vocabulary Word Bank**

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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 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