



Food Webs and Energy

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: An herbivore is an animal that eats only meat, such as a lion or hawk.

Rewrite: _____

2. Fix the sentence: Energy increases as it moves up each level of a food chain.

Rewrite: _____

3. Fix the sentence: A top predator like an eagle is a producer because it is at the top of the food chain.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. An animal that eats both plants and animals is called an _____.
2. A _____ is an animal that is hunted and eaten by a predator.
3. Energy in a food chain flows from producers to _____.
4. An animal that eats only plants is called an _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why are there usually more producers than top predators in an ecosystem?

2. Give an example of a simple food chain with at least three organisms.

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: An herbivore is an animal that eats only meat, such as a lion or hawk.

Rewrite: **An herbivore is an animal that eats only plants, such as a rabbit or deer.**

2. Fix the sentence: Energy increases as it moves up each level of a food chain.

Rewrite: **Energy decreases as it moves up each level of a food chain because some energy is lost as heat at every level.**

3. Fix the sentence: A top predator like an eagle is a producer because it is at the top of the food chain.

Rewrite: **A top predator like an eagle is a consumer because it gets energy by eating other animals, not by making its own food.**

Part B: Fill in the Blank

Write the missing word or number on each line.

1. An animal that eats both plants and animals is called an omnivore .
2. A prey is an animal that is hunted and eaten by a predator.
3. Energy in a food chain flows from producers to consumers .
4. An animal that eats only plants is called an herbivore .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why are there usually more producers than top predators in an ecosystem?

Each level of the food chain passes on less energy than it received. Many producers are needed to support fewer herbivores, and even fewer predators can be supported at the top.

2. Give an example of a simple food chain with at least three organisms.

Grass is eaten by a rabbit, and the rabbit is eaten by a hawk. The sun provides energy to the grass, which passes through each organism
