



Energy in Ecosystems

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. An animal that hunts other animals for food is called a _____.
2. An animal that is hunted and eaten is called _____.
3. Foxes often hunt _____ in fields and forests.
4. Owls hunt at night and often catch small _____.
5. When prey numbers go up, predator numbers usually also go _____.
6. When predators eat too many prey, the prey population goes _____.
7. A balanced predator-prey ecosystem is said to be in _____.
8. Producers like grass start the _____ chain that feeds rabbits and mice.
9. Many connected food chains in one ecosystem form a food _____.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Fox	→		Predator that hunts rabbits in fields
Rabbit	→		Prey that eats grass and clover
Owl	→		Night predator with sharp talons
Mouse	→		Small rodent eaten by owls

Answer Key · Energy in Ecosystems · Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. An animal that hunts other animals for food is called a predator.
2. An animal that is hunted and eaten is called prey.
3. Foxes often hunt rabbits in fields and forests.
4. Owls hunt at night and often catch small mice.
5. When prey numbers go up, predator numbers usually also go up.
6. When predators eat too many prey, the prey population goes down.
7. A balanced predator-prey ecosystem is said to be in equilibrium.
8. Producers like grass start the food chain that feeds rabbits and mice.
9. Many connected food chains in one ecosystem form a food web.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Fox	→ <u>Predator that hunts rabbits in fields</u>	Predator that hunts rabbits in fields
Rabbit	→ <u>Prey that eats grass and clover</u>	Prey that eats grass and clover
Owl	→ <u>Night predator with sharp talons</u>	Night predator with sharp talons
Mouse	→ <u>Small rodent eaten by owls</u>	Small rodent eaten by owls