Food Webs and Energy Flow

Grade 5 Science Worksheet

Name _____ Date _____

Circle the answer.

READ THIS FIRST

A Meadow Food Web

Grass covers the sunny meadow. Grasshoppers and rabbits eat the grass. A frog eats the grasshoppers, and a fox eats the rabbits. When living things in the meadow die, mushrooms break them down.

1. Which organism is the producer?
   grass grasshopper fox frog

2. What does the frog eat?
   grasshoppers foxes rabbits grass

3. Which organism is a decomposer?
   mushrooms frogs grass grasshoppers

4. Which organism eats the rabbits?
   frog grasshopper fox grass

5. Where does the energy in the meadow food web come from first?
   the air the Sun the soil the water

6. Which food chain shows how the energy moves?
   grass → grasshopper → frog grasshopper → grass → frog
   frog → grasshopper → grass

7. What would most likely happen if all the grasshoppers disappeared?
   the frogs would have less to eat
   the foxes would starve at once
   the grass would stop growing
   the mushrooms would take over the meadow

8. What do mushrooms do in the meadow?
   make food from sunlight
   hunt the smaller animals
   break down dead plants and animals
   eat only living plants

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Answer Key - Grade 5 Science Worksheet

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