Food Webs and Energy Flow

Grade 5 Science Worksheet - Challenge Me

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?
   frog fox grasshopper grass

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

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

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

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

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

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

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

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Answer Key - Grade 5 Science Worksheet - Challenge Me

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