Food Webs and Energy Flow

Grade 5 Science Worksheet - Building Confidence

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 fox frog grasshopper

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

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

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

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

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 mushrooms would take over the meadow
   the grass would stop growing
   the frogs would have less to eat
   the foxes would starve at once

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

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Answer Key - Grade 5 Science Worksheet - Building Confidence

Circle the answer.

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   (grass) fox frog grasshopper

2. What does the frog eat?

   foxes grass rabbits (grasshoppers)

3. Which organism is a decomposer?

   frogs grass grasshoppers (mushrooms)

4. Which organism eats the rabbits?

   frog grass grasshopper (fox)

5. Where does the energy in the meadow food web come from first?

   the soil (the Sun) the water the air

6. Which food chain shows how the energy moves?

   (grass → grasshopper → frog) grasshopper → grass → frog

   frog → grasshopper → grass

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