Food Webs and Energy Flow

Grade 5 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

READ THIS FIRST

A Forest Food Web

Tall oak trees grow in the forest. Caterpillars eat the leaves, and mice eat the seeds. A warbler eats the caterpillars, and an owl eats the mice. When living things in the forest die, mushrooms break them down.

1. Which organism is the producer?
   oak tree warbler owl caterpillar

2. What does the warbler eat?
   owls mice oak trees caterpillars

3. Which organism is a decomposer?
   mushrooms warblers oak trees caterpillars

4. Which organism eats the mice?
   caterpillar oak tree warbler owl

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

6. Which food chain shows how the energy moves?
   caterpillar → oak tree → warbler
   warbler → caterpillar → oak tree
   oak tree → caterpillar → warbler

7. What would most likely happen if all the caterpillars disappeared?
   the owls would starve at once
   the oak trees would stop growing
   the mushrooms would take over the forest
   the warblers would have less to eat

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

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Answer Key - Grade 5 Science Worksheet - Challenge Me

Circle the answer.

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