Food Webs and Energy Flow

Grade 5 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

READ THIS FIRST

A Pond Food Web

Algae grow in the sunny water. Tadpoles and snails eat the algae. A bass eats the tadpoles, and a turtle eats the snails. When living things in the pond die, bacteria break them down.

1. Which organism is the producer?
   algae turtle bass tadpole

2. What does the bass eat?
   tadpoles snails turtles algae

3. Which organism is a decomposer?
   algae bacteria bass tadpoles

4. Which organism eats the snails?
   bass tadpole algae turtle

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

6. Which food chain shows how the energy moves?
   bass → tadpole → algae tadpole → algae → bass algae → tadpole → bass

7. What would most likely happen if all the tadpoles disappeared?
   the bass would have less to eat
   the turtles would starve at once
   the bacteria would take over the pond
   the algae would stop growing

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

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Answer Key - Grade 5 Science Worksheet - Challenge Me

Circle the answer.

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