Food Webs and Energy Flow

Grade 5 Science Worksheet

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 bass tadpole turtle

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

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

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

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

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

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

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

Circle the answer.

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