Food Webs and Energy Flow

Grade 5 Science Worksheet - Building Confidence

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?
   turtle bass tadpole algae

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

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

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

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

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

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

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

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Answer Key - Grade 5 Science Worksheet - Building Confidence

Circle the answer.

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