Food Webs and Energy Flow

Grade 5 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

READ THIS FIRST

A Desert Food Web

Prickly pear cactus grows in the hot, dry desert. Beetles and kangaroo rats eat parts of the cactus. A lizard eats the beetles, and an owl eats the kangaroo rats. When living things in the desert die, bacteria break them down.

1. Which organism is the producer?
   lizard cactus owl beetle

2. What does the lizard eat?
   beetles owls kangaroo rats cacti

3. Which organism is a decomposer?
   bacteria lizards cacti beetles

4. Which organism eats the kangaroo rats?
   owl lizard cactus beetle

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

6. Which food chain shows how the energy moves?
   beetle → cactus → lizard cactus → beetle → lizard lizard → beetle → cactus

7. What would most likely happen if all the beetles disappeared?
   the bacteria would take over the desert
   the lizards would have less to eat
   the cacti would stop growing
   the owls would starve at once

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

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Answer Key - Grade 5 Science Worksheet - Challenge Me

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