Food Webs and Energy Flow

Grade 5 Science Worksheet

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?
   owl beetle lizard cactus

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

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

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

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

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

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

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

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Answer Key - Grade 5 Science Worksheet

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