Food Webs and Energy Flow

Grade 5 Science Worksheet

Name _____ Date _____

Circle the answer.

READ THIS FIRST

A Prairie Food Web

Prairie grass waves across the open land. Grasshoppers and prairie dogs eat the grass. A meadowlark eats the grasshoppers, and a hawk eats the prairie dogs. When living things in the prairie die, fungi break them down.

1. Which organism is the producer?
   hawk grasshopper meadowlark prairie grass

2. What does the meadowlark eat?
   prairie grass hawks grasshoppers prairie dogs

3. Which organism is a decomposer?
   grasshoppers meadowlarks prairie grass fungi

4. Which organism eats the prairie dogs?
   hawk grasshopper meadowlark prairie grass

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

6. Which food chain shows how the energy moves?
   prairie grass → grasshopper → meadowlark
   meadowlark → grasshopper → prairie grass
   grasshopper → prairie grass → meadowlark

7. What would most likely happen if all the grasshoppers disappeared?
   the prairie grass would stop growing
   the meadowlarks would have less to eat
   the hawks would starve at once
   the fungi would take over the prairie

8. What do fungi do in the prairie?
   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

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