Food Webs and Energy Flow

Grade 5 Science Worksheet - Building Confidence

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?
   grasshopper meadowlark prairie grass hawk

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

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

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

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

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

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

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

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Answer Key - Grade 5 Science Worksheet - Building Confidence

Circle the answer.

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