Food Webs and Energy Flow

Grade 5 Science Worksheet - Challenge Me

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 prairie grass meadowlark hawk

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

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

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

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?
   meadowlark → grasshopper → prairie grass
   prairie grass → grasshopper → meadowlark
   grasshopper → prairie grass → meadowlark

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

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 - Challenge Me

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