

Food Web Arrows Show Energy Transfer



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

An illustrative meadow model

Grass → rabbit → fox. Grass → grasshopper → bird. The arrows point from a food source toward a consumer and represent transfer of energy. This simplified web omits many organisms and interactions.

1. Which organism is the producer in this model?

2. In rabbit → fox, which organism receives energy from the other?

3. Write the energy path from grass to bird.

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4. If grass availability falls, what possible effect might occur?

5. Draw the two paths with correctly directed arrows.

6. Why does this web not explain every change in the meadow?