

# Food Webs and Food Chains Worksheets

Name :

Date :

Directions: Study the food webs and food chains, answer the following questions

1. What is a food web?

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2. What would happen if the snake population decreases

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3. When do we consider the ecosystem to be in equilibrium?

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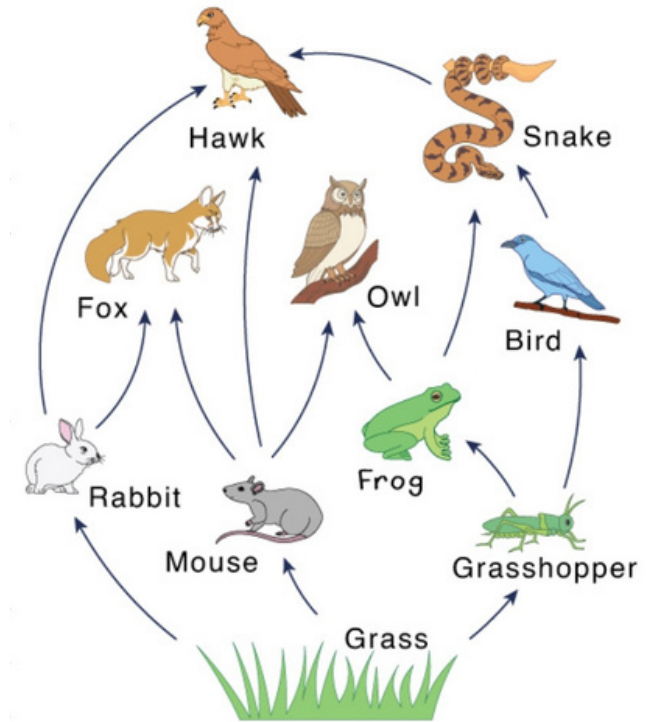
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4. What happens to energy as we move from one step to another in a chain or web?

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5. What is a food chain?

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6. Name the producer in the food chain?

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## ANSWER KEY

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1. What is a food web?

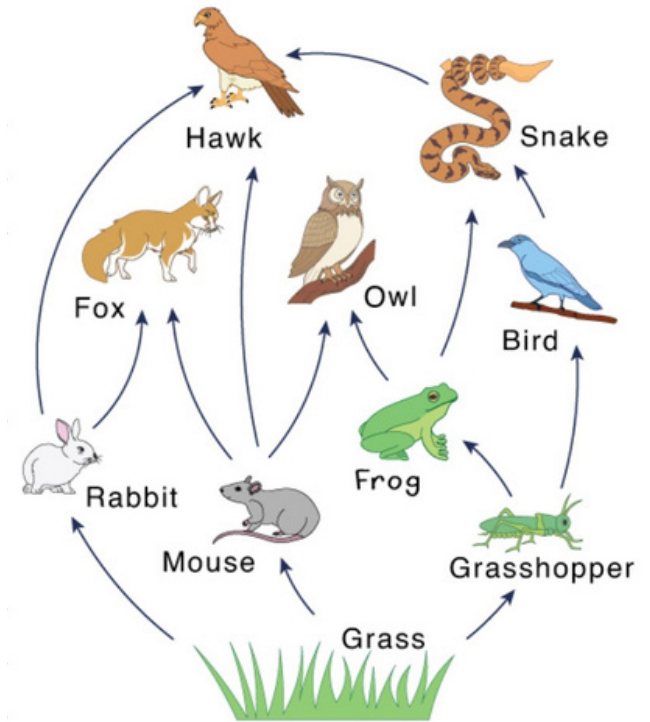
A food web is the interconnecting  
food chains in an ecosystem

2. What would happen if the snake population decreases

The hawk population would  
decrease

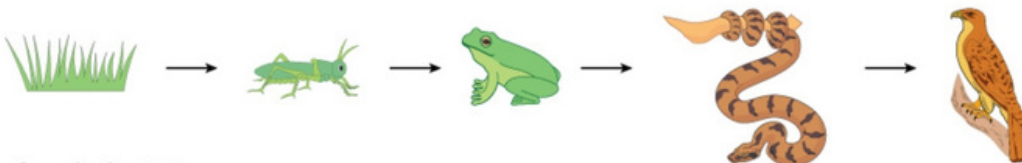
3. When do we consider the ecosystem to be in equilibrium?

We consider it to be in equilibrium  
when the population of organism in all  
level of the ecosystem is balanced



4. What happens to energy as we move from one step to another in a chain or web?

Energy decreases as we move up the food chain or web



5. What is a food chain?

It is a linear sequence of organisms showing how energy or nutrients through an ecosystem  
when one organism consumes another

6. Name the producer in the food chain?

Grass