



FOOD WEBS & ENERGY FLOWCHARTS Name: _____

1. Compare and contrast a food chain and a food web.

Food Chain	Food Web	Food Web
Shows one path of energy flow in an ecosystem.	Shows how energy flows in an ecosystem.	Shows multiple paths of energy flow in an ecosystem.

Write the flow chart or path to connect the following organisms:

- Identify one flow chart in the ecosystem:
 Snake → Hawk → Hawk → Hawk
- Identify the producer:
 Grass
- Identify a primary consumer:
 Mouse, Rabbit, Snake
- Identify a secondary consumer:
 Hawk, Snake, Frog
- Identify a tertiary consumer:
 Hawk
- Identify a quaternary consumer:
 Hawk

6. Explain what would happen to the population of quaternary if the quaternary were removed. The secondary consumers would be affected because they would not have any predators.

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1. Which level in an energy pyramid represents the most energy available to the organisms?

2. How does energy flow through an ecosystem?

3. How does energy flow through an ecosystem? (What does it go to?)

4. How does energy flow through an ecosystem? (What does it go to?)

5. How does energy flow through an ecosystem? (What does it go to?)

6. Why do organisms at the top of the pyramid have less energy available to them?

7. How does energy flow through an ecosystem? (What does it go to?)

8. How does energy flow through an ecosystem? (What does it go to?)



ANSWER KEY

Food Chains Pyramids Answer Key

Annelies Wilder-Smith



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