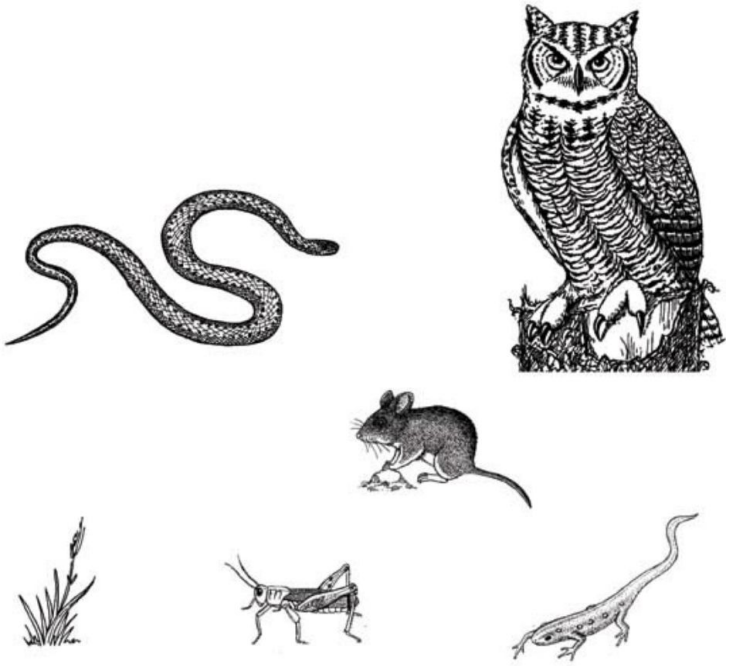
Name _____ Due Date _____

Food Webs Homework

1. In the food web below, draw arrows representing the flow of energy, and label each organism as a producer, a consumer, or a decomposer.



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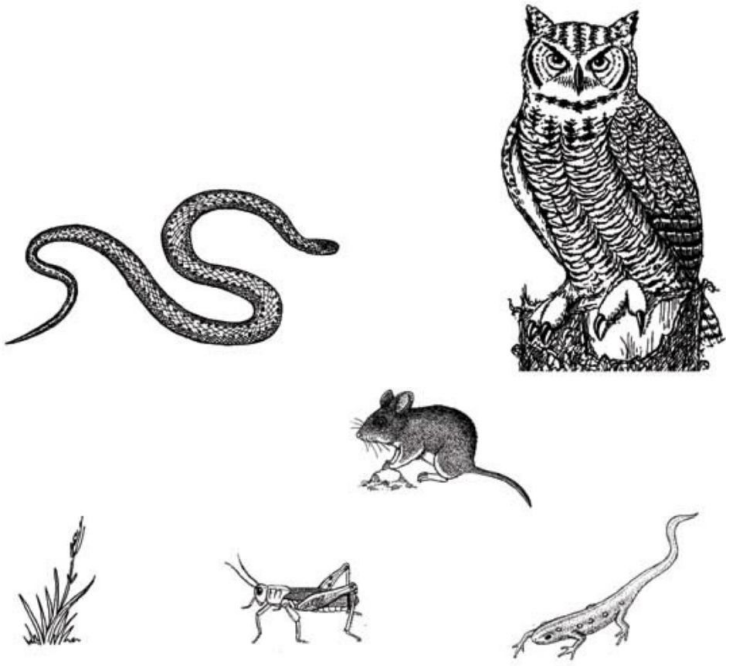
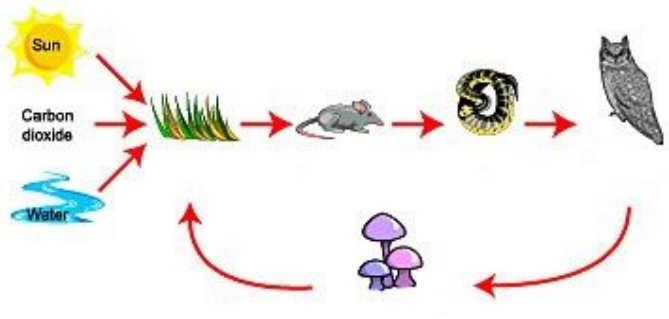
2. In the food web below, draw arrows representing the flow of energy, and label each organism as a producer, a consumer, or a decomposer.



<u>Answer all remaining questions by examining the food web below</u>:



2. What are the three <u>abiotic</u> factors shown in this food chain?

3. What role do the mushrooms play in this food web? (Producer, consumers or decomposers?)

4. Which of the organisms shown is a producer?

5. Which of the organisms shown is a secondary consumer? How about a tertiary consumer?

6. Available energy decreases by _____% for each level you move up a food chain. If the amount of energy contained in the grass was 20,000 J, how much energy would eventually be passed up to the snake?
(Hint: to convert % to decimal, divide the % by 100 [or move the decimal to the left two times.])

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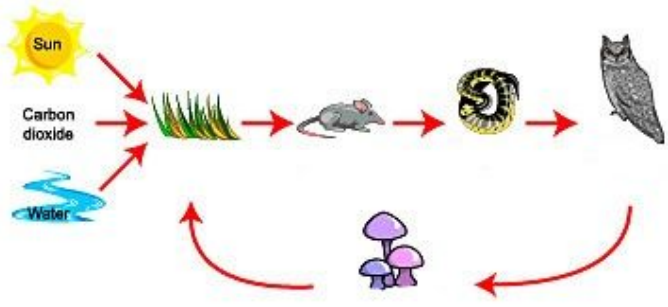

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