

Name \_\_\_\_\_

Date \_\_\_\_\_



## Wetlands Are Wonderlands! Proficiency Assessment



**Directions:** Multiple choice.

- 1) A food chain...
  - a) shows the flow of energy among individual living things
  - b) is bigger than a food web
  - c) is the same as a food web
  - d) shows how a community of living things gets energy in an ecosystem
  
- 2) Which statement explains the shape of the Pyramid of Energy?
  - a) The creator of the Pyramid of Energy loved triangles.
  - b) There are more living things at the top of the pyramid and fewer living things at the bottom.
  - c) There is less energy available at the top and more energy available at the bottom.
  - d) Both b and c
  
- 3) If a red winged blackbird dies, the matter it is made of will...
  - a) be eaten by a large producer
  - b) decompose and return to soil, air, and water
  - c) turn into another red winged blackbird
  - d) not change

**Directions:** Extended multiple choice. Use the food web below for questions 4-10.

4-5) Which of the following pairs are primary consumers?

- a) red shouldered hawk, wood duck
- b) red winged blackbird, wood duck
- c) smartweed, cattail
- d) black rat snake, red winged blackbird

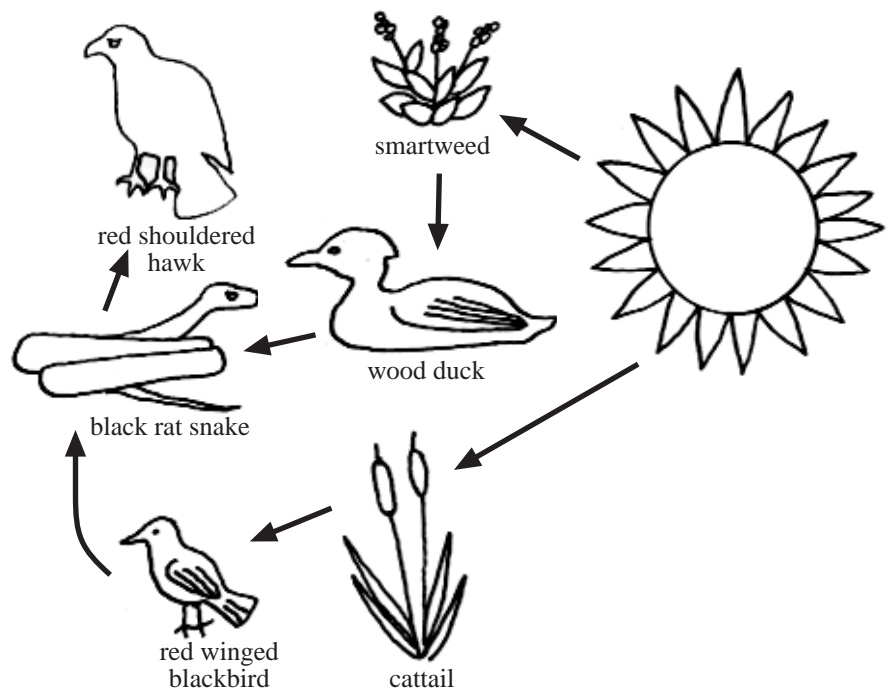
Explain: \_\_\_\_\_

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*Wetlands Are Wonderlands!*  
*Proficiency Assessment*  
*(continued)*



6-7) An extended hunting season causes all of the wood ducks to be removed from the food web on the previous page. The next year, scientists observe an increase in the smartweed population and a decrease in black rat snakes. They decide that the loss of the wood ducks is connected. Their decision is a(n)

- a) observation
- b) fact
- c) inference
- d) both a and b

Explain \_\_\_\_\_

**Directions:** Short answer.

8-10) Write the names of the living things from the food web into the Pyramid of Energy below. Place the following labels onto the pyramid: tertiary consumers (C3), primary consumers (C1), decomposers (D), secondary consumers (C2), abiota (soil, air, and water), producers (P).

