

Name _____

Date _____



Wetlands Are Wonderlands! Proficiency Assessment



Directions: Multiple choice.

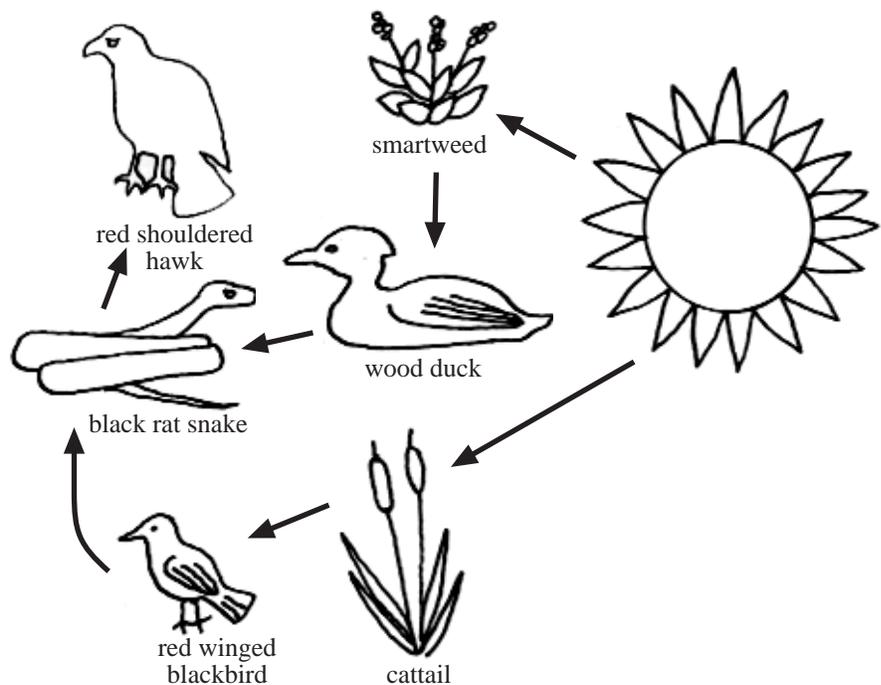
- 1) A food chain...
 - a) shows the flow of energy among individual living things
 - b) is bigger than a food web
 - c) is the same as a food web
 - d) shows how a community of living things gets energy in an ecosystem
- 2) Which statement explains the shape of the Pyramid of Energy?
 - a) The creator 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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(continued)



6-7) An extended hunting season causes all of the wood ducks to be removed from the food web on the previous page. Choose ONE OR MORE choices below that could occur as a result of this change.

- a) the smartweed population may increase
- b) the black rat snake population may increase
- c) the red shouldered hawk population may decrease

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).

