

Name: _____

Date: _____

Food Webs Student Pre- or Posttest

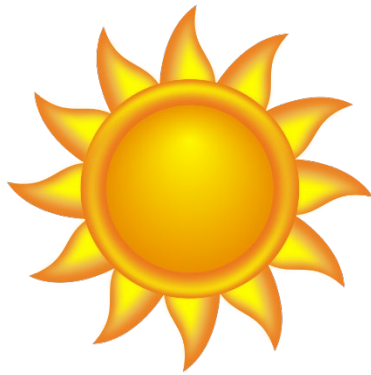
1. Which of the following is food for plants?

Is This Food for Plants?	Yes or No	Your Reason
a. Water		
b. Sugar		
c. Sunlight		
d. Carbon dioxide		
e. Fertilizers (“plant food”) or minerals in the soil		

2. In forests, leaves and branches constantly fall from trees to the ground.

Over a long time, what happens to the matter in the leaves and branches that are on the ground? Give as many details as you can.

3. Add words and arrows to show how **matter** moves in a food chain. **Be sure to label your arrows!**



SUN



Photo courtesy of Pixabay.com

SHEEP



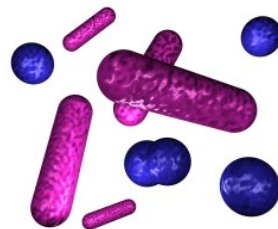
Photo courtesy of Pixabay.com

GRASS



Photo courtesy of Pixabay.com

MOUNTAIN LION



MICROSCOPIC BACTERIA

Explain your drawing:

c. Why would this happen?

d. Give one example of each from the diagram on page 3:

Decomposer

Producer

Carnivore

Herbivore

Organism that makes food

Organism that recycles matter

Source of energy

5. What can happen to the food molecules that a mouse eats? Name as many things as you can.

6. A family planted a tree in their backyard. It had a mass of 10 pounds. Over 20 years, the tree grew and gained about 250 pounds. Where did the extra 250 pounds come from?

- a. Matter the plant took in from the soil
- b. Matter the plant made from carbon dioxide and water
- c. Energy from the Sun
- d. Energy from food molecules