SOL 4.3b Producers, Consumers, and Decomposers

Paragraph 1:

1. A food chain shows how _____ passes from one living thing to another living thing.

a. food	b. energy	c. animals	d. plants

2. A food chain follows _____ as different creatures eat each other for food.

3. All food chains begin with energy. This energy comes from _____.

a. earth	b. sun	c. animals	d. plants

4. The greatest amount of energy in an _____ is found in its producers.

Paragraph 2:

5. Why are producers important?

a. They have a relationship with a community.
b. They are a living thing that eats other living things.
c. The greatest amount of energy in an ecosystem is found in its producers.
d. Producers consume trees and bushes for energy.

6. Name the **three** things producers use to make their own food and food energy.

water	food	air
soil	sunlight	minerals

7. Green plants are known as _____.

8. Producers are the only living thing that can make their own _____.

9. Producers store their food in the…

a. stem	b. roots	c. cells	d. flowers

10. Name **three** examples of producers…

trees	worms	lions
ferns	vegetables	pigs

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Paragraph 3:

11. A consumer is a living thing. TRUE or FALSE

12. Consumers CAN or CANNOT make their own food.

13. How do consumers get their energy?

a. They make their own food for energy.
b. When they consume a plant, the food energy inside the plant is passed onto the animal.
c. When they consume dead plants or animals, the food energy inside the plant is passed onto the animal.
d. When they consume their own food for energy, they pass it onto other plants and animals.

14. What do animals need to live?

a. sun	b. food energy	c. vitamins	d. minerals

15. Name **three** examples of animals that eat plants…

deer	worms	elephants
owls	vegetables	pigs

16. Name **three** examples of animals that eat animals…

polar bears	worms	lions
owls	vegetables	pigs

Paragraph 5:

17. Which of the following only eat dead plants and animals?

a. producers	b. consumers	c. decomposers	d. animals

18. Decomposers break down the bodies of _____ plants and animals and help the food energy inside the dead bodies get back into the soil, the water, and the air.

19. Name **two** examples of decomposers…

trees	worms	lions
owls	vegetables	mushrooms

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Paragraph 6:

20. The food chain begins again as the sun's energy is passed from one _____ to another.

a. animal	b. plant	c. person	d. organism

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