

Food Chains and Food Webs Assignment:

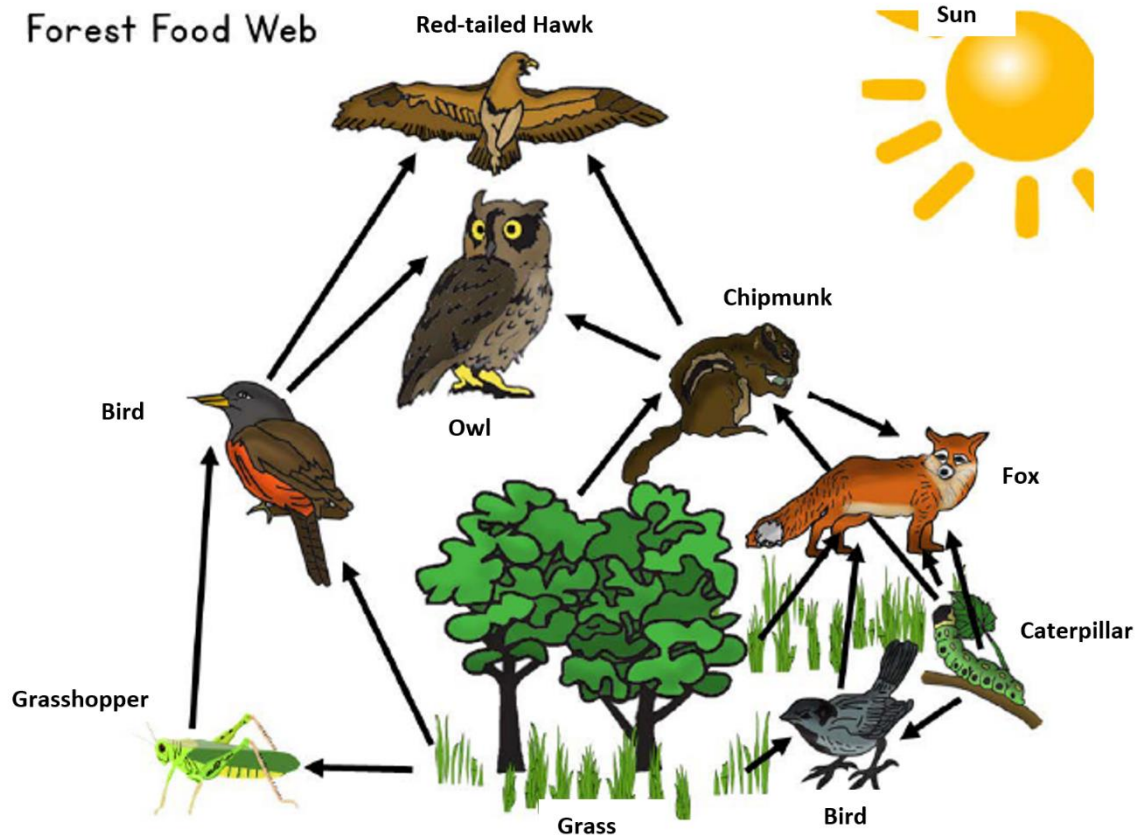
Assigned 4/13/2020

Name: _____

Due by: 4/17/2020

Directions: Look at the food web and then answer the questions that follow.

Food Web #1



Multiple Choice Questions: Pick the best answer.

1. What is missing from the following food chain?

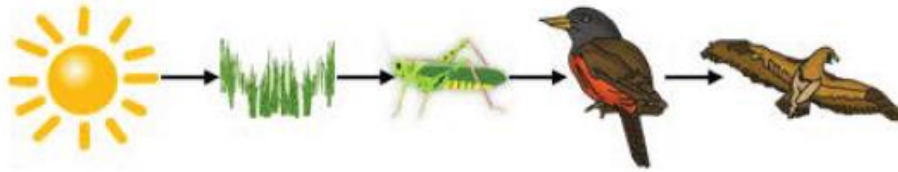
Grasshopper → Bird → Owl

- a. Consumer
 - b. Producer
 - c. Herbivore
 - d. Carnivore
2. Grasshoppers eat grasses and other plants because they are _____.
- a. Producers
 - b. Consumers
 - c. Herbivores
 - d. Both B and C

3. Owls and red-tailed hawks are both examples of what kind of consumer?
 - a. Herbivores
 - b. Omnivores
 - c. Carnivores
 - d. Producers
4. Birds, foxes, and chipmunks are examples of what kind of consumer?
 - a. Carnivores
 - b. Producers
 - c. Herbivores
 - d. Omnivores
5. Birds, foxes, caterpillars, and grass are all part of a food chain. Which of the following are the birds, foxes, and caterpillars?
 - a. Consumers
 - b. Producers
 - c. Herbivores
 - d. Carnivores
6. Why are foxes classified as omnivores?
 - a. They eat other animals
 - b. They eat only plants
 - c. They eat plants and animals
 - d. They get their energy from the sun
7. What do foxes and birds have in common?
 - a. They are both omnivores
 - b. They are both predators
 - c. They are both prey
 - d. Both A and B
8. Birds, grasshoppers, chipmunks, and caterpillars are all _____.
 - a. Carnivores
 - b. Predators
 - c. Prey
 - d. Herbivores
9. From what do the grass and trees receive their energy?
 - a. The sun
 - b. The grasshopper
 - c. The birds
 - d. The chipmunk

10. Which animal is not the prey of the owl?
- The red-tailed hawk
 - The chipmunk
 - The fox
 - The bird
11. Which of the following is a herbivore?
- The bird
 - The caterpillar
 - The fox
 - The owl
12. What do the chipmunk, bird, caterpillar, and the grass all have in common?
- They are all predators
 - They have no predators
 - They are part of a single food chain
 - They all provide energy for the fox
13. What do the owl and the red-tailed hawk have in common?
- They are both prey
 - They are both producers
 - They are both predators
 - They are both herbivores
14. Which animal would best fill in the blank for the food chain?
- Acorn → _____ → Owl
- The red-tailed hawk
 - The chipmunk
 - The fox
 - The bird
15. Which of the following shows a food chain in correct order?
- Grass → Grasshopper → Owl → Bird
 - Grasshopper → Owl → Grass → Bird
 - Grasshopper → Grass → Bird → Owl
 - Grass → Grasshopper → Bird → Owl
16. What do the arrows in the food web represent?
- The order in which the animals eat
 - The flow of energy from one organism to another
 - The direction the animals move
 - The order in which organisms die

17. Where does the energy begin in this food chain?

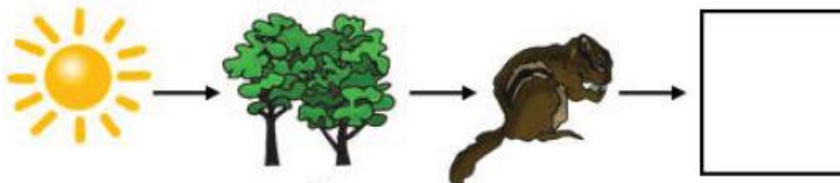


- a. The hawk
- b. The grass
- c. The soil
- d. The sun

18. Adrian and Jackie dissected an owl pellet. What kind of animal bones did they probably find?

- a. The grasshopper
- b. The bird
- c. The tree
- d. The red-tailed Hawk

19. Which organism would best continue this food chain?



- a. The bird
- b. The grasshopper
- c. The grass
- d. The owl

20. Which food chain is NOT correct?

- a. Grass → grasshopper → bird → owl
- b. Acorn → chipmunk → owl
- c. Leaf → caterpillar → bird → fox
- d. Bird → hawk → grasshopper → grass

Fill in each blank with one of the organisms in Food Web #1. (Some may have more than one correct answer, just include one)

1. Name one consumer in the food web: _____
2. Name one producer in the food web: _____
3. What provides energy for the producers in the food web: _____
4. Name one herbivore in the food web: _____
5. Name one carnivore in the food web: _____
6. Name one omnivore in the food web: _____
7. Name one top predator in the food web: _____
8. Name one predator of the chipmunk: _____
9. Name one example of the owl's prey: _____

Separate the organism into the tables below (Every organism should be used in each of the tables)

Predator (2 More organisms)	Both (1 organism)	Prey (3 organism)
Ex. Hawk		

Herbivore (1 More organism)	Omnivore (3 organism)	Carnivore (2 organism)
Ex. Caterpillar		

Producers (1 More organism)	Consumers (7 organisms)
Ex. Tree	