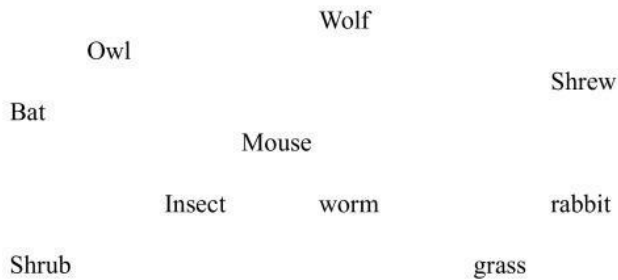


Grade 7 Science Unit 1 Activity
Food Webs

Name: _____

Part 1 Examine the following food web then use it to answer the questions that follow.



1. Identify a food chain from this web that contains four links (organisms).

_____ ⇒ _____ ⇒ _____ ⇒ _____

2. Name a producer from the food web. _____

3. Name a consumer from the food web. _____

4. Name a decomposer from the food web. _____

5. In an area of Newfoundland where these organisms live, would there be more wolves or owls?

Explain your answer. _____

6. If a disease killed all the mice in an area of Newfoundland where these organisms live, would you expect the number of wolves to increase (get more wolves) or decrease (get less wolves)?

Explain your answer. _____

7. If most of the mice in this area died, would you expect the number of shrews to increase or decrease? Explain your answer. _____

8. What happens to the wolves' bodies when they die? _____

9. Where does the mouse get the energy to live? _____

10. Where do the shrubs get their energy? _____

Part 2 Read the information that describes each organism, then write its name in the correct space.

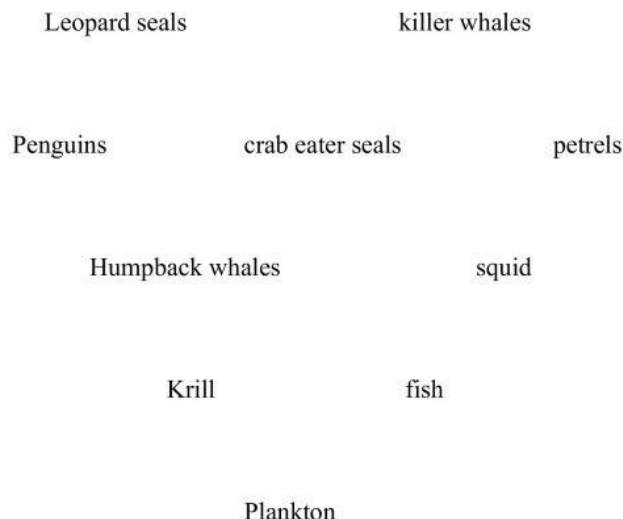
PRODUCERS	HERBIVORES	CARNIVORES	OMNIVORES

- A. **Corn** is a plant that is used to make Corn Flakes.
- B. **Snakes** will die if there are only plants to eat.
- C. **Cow's** stomachs are designed to help them eat grass only.
- D. **Humans** eat all kinds of plants and animals.
- E. **Lettuce** is a plant that humans often eat.
- F. **Frogs** will eat any moving animal it can get in its mouth!
- G. **Earthworms** eat dead plants and animals in the soil.
- H. **Strawberry Plants** capture the Sun's energy and store it as sugar.
- I. **Hawks** eat small animals by tearing them apart.
- J. **Earwigs** digest dead plants, especially wood.
- K. **Dogs** enjoy eating meat and some fruits.
- L. **Bees** eat nectar from plants.

Part 3 Create an Arctic food web by placing all the required arrows between the organisms.

What eats and what gets eaten.

1. Plankton are eaten by krill.
2. Krill are eaten by Humpback whale, fish, penguins, Crab eater seals and squid.
3. Squid are eaten by penguins and Crab eater seals.
4. Fish are eaten by Crab eater seals, penguins, Petrels (birds), and Humpback whales.
5. Leopard Seals eat Crab eater seals, penguins, and Petrels.
6. Killer Whales eat Crab eater seals, and penguins.



Compose a food web of organisms found in Newfoundland. Use about 10 different organisms in your food web.