

Date: \_\_\_\_\_

**Chapter 3, Section C: Producers and Consumers (3.C)**

**Objective:** Describe food chains as being made of producers and consumers, and classify consumers as herbivores, omnivores, carnivores, predators and/or prey.

1. Which of these are producers in a food chain?

Circle the **two** correct answers.

**grass      dragonfly      owl      snake      tomato plant**

2. Complete the sentences. Choose from the following words.

<b>carnivores</b>	<b>herbivores</b>	<b>omnivores</b>
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- Cows and deer eat only plants. They are \_\_\_\_\_.
- Tigers and lions eat only other animals. They are \_\_\_\_\_.
- Bears and monkeys eat plants and animals. They are \_\_\_\_\_.

3. The following is some information about a food chain in a garden.

**Aphids** feed on plants.

**Ladybirds** eat **aphids**.

**Birds** eat **ladybirds**.

- Use the information to complete the food chain. Draw arrows to show the transfer of energy.

4. Kim is learning about food chains.

She draws a diagram to represent the food chain in an area.

**A → B → C**

a. Which living thing is a predator?

\_\_\_\_\_

b. What would happen to the number of prey in the area if there were no predators?

\_\_\_\_\_

\_\_\_\_\_

5. Look at this food chain.



a. Identify the prey and predator in this food chain.

prey: \_\_\_\_\_ predator: \_\_\_\_\_

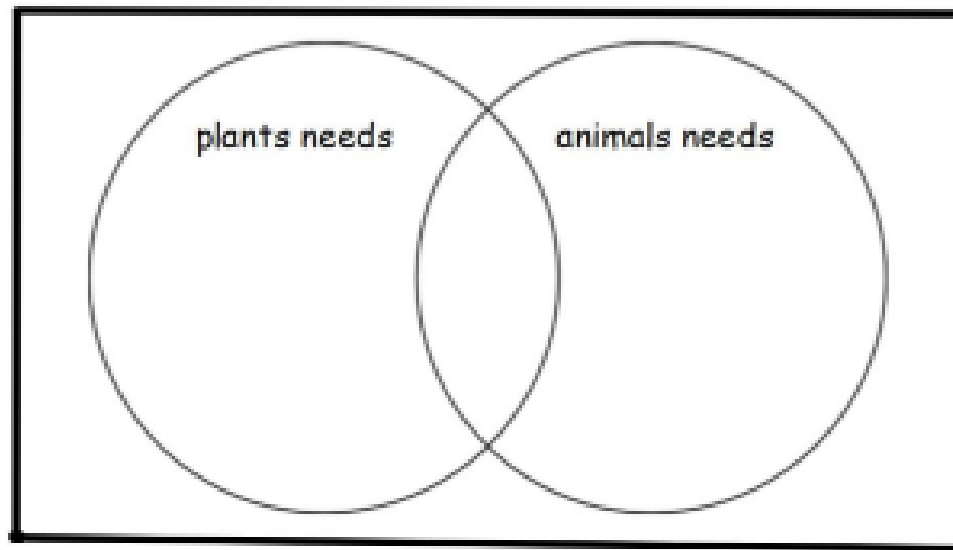
b. The rat and owl depend on the rice plant directly or indirectly for energy. Describe how.

\_\_\_\_\_

\_\_\_\_\_

6. Use this Venn diagram to sort these words in their correct places according to the needs of plants and animals.

water	shelter	soil	sunlight	food	oxygen (air)	pencil	carbon dioxide (air)
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7. Where do these living things get their energy from?  
Circle the correct answer.

- Plants get their energy from \_\_\_\_

eating other animals or plants

sunlight

- Animals get their energy from \_\_\_\_

eating other animals or plants

sunlight

8. Fill in the blanks.

\_\_\_\_\_ : animals that are hunted and eaten by predators

\_\_\_\_\_ : what we need to live and carry out our daily activities

\_\_\_\_\_ : a process by which plants make their own food in the presence of light

\_\_\_\_\_ : animals that eat only plants

\_\_\_\_\_ : animals that eat only other animals

\_\_\_\_\_ : living things, such as plants, which make or produce their own food

\_\_\_\_\_ : animals that eat both plants and animals

\_\_\_\_\_ : animals that hunt and eat other animals

\_\_\_\_\_ : living things that obtain their energy by feeding on other living things.