

# Unit 4 Ecosystems

Name: ..... Date: .....

## 1. Complete the sentences.

- Living things live in an ..... . An ecosystem has three main features: the ....., which is the place where living things live; the ..... things that live there; and the ..... that exist between living ..... and their .....

## 2. Match the two columns to make sentences.

- |                                       |   |                                  |
|---------------------------------------|---|----------------------------------|
| Bears living in a forest              | • | • is an example of a species.    |
| All the species in a forest           | • | • is an example of a population. |
| All the foxes that exist in the world | • | • is an example of a community.  |

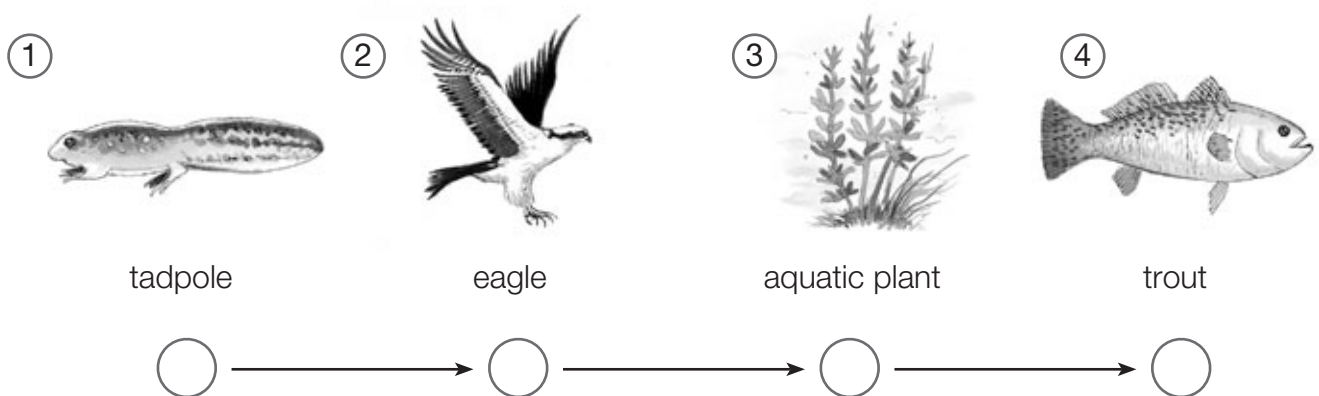
## 3. Name factors that influence terrestrial ecosystems and aquatic ecosystems.

.....  
 .....

## 4. Are the following relationships among members of the same species or between different species? Circle the correct answer.

- |                                     |                                  |
|-------------------------------------|----------------------------------|
| a) A bird feeds its chicks.         | same species / different species |
| b) A bird makes its nest in a tree. | same species / different species |
| c) A cat catches a mouse.           | same species / different species |
| d) A squirrel eats nuts.            | same species / different species |

## 5. Write numbers to create a food chain.



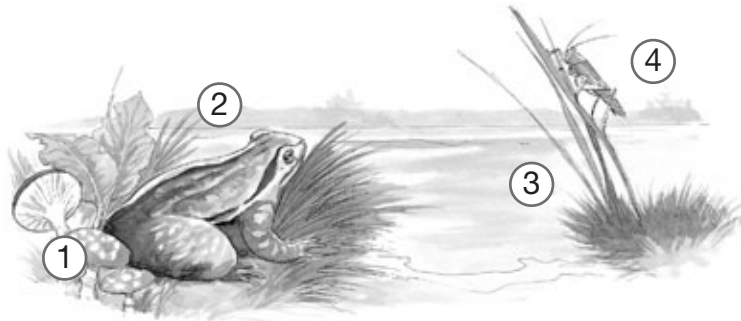
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6. Define the following terms and provide examples.

- Natural ecosystem: \_\_\_\_\_
- Man-made ecosystem: \_\_\_\_\_

7. Look at the picture. Write the name of the link each represents in the food chain.



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

8. Match the three columns to make sentences. Then write which ecosystem it is being described.

- |               |   |   |                         |   |   |                             |
|---------------|---|---|-------------------------|---|---|-----------------------------|
| Precipitation | • | • | a lot of grass          | • | • | and some trees.             |
| Temperatures  | • | • | are high during the day | • | • | except in the rainy season. |
| There is      | • | • | is low                  | • | • | and low at night.           |

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

9. Complete the chart about cold and hot deserts.

Ecosystem	Temperatures	Vegetation	Precipitation	Characteristics of living things
cold deserts				thick layer of fat for protection
hot deserts		little		can live with little water

10. Describe two human actions that change ecosystems.

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