Reinforcement Worksheet 1

Name: _____ Class: _____ Date: _____

1. Draw blue arrows from the plant to the things it needs to perform photosynthesis and red arrows from the plant to the products of this process.

sunlight

oxygen

nutrients

water

glucose

carbon dioxide

soil

lipids

2. Write **T** for true and **F** for false. Explain your answers.

a. _____ Photosynthesis and respiration are opposite processes.

_____

b. _____ Oxygen is a gas that plants release and that living things use for respiration.

_____

c. _____ Carbon dioxide is a waste product of respiration but is required in photosynthesis.

_____

d. _____ Photosynthesis occurs only in plants, and respiration occurs only in animals.

_____

e. _____ Photosynthesis is more efficient when there is a higher intensity of light.

_____

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3. What is the difference between an autotroph and a heterotroph?

_____

_____

4. Look at the image and complete the activities.

a. Complete the table with an example of each level of organization from the picture.

Organization	Example
Individual	
Population	
Community	
Ecosystem	

b. Classify the components in the image.

Biotic Factors	Abiotic Factors

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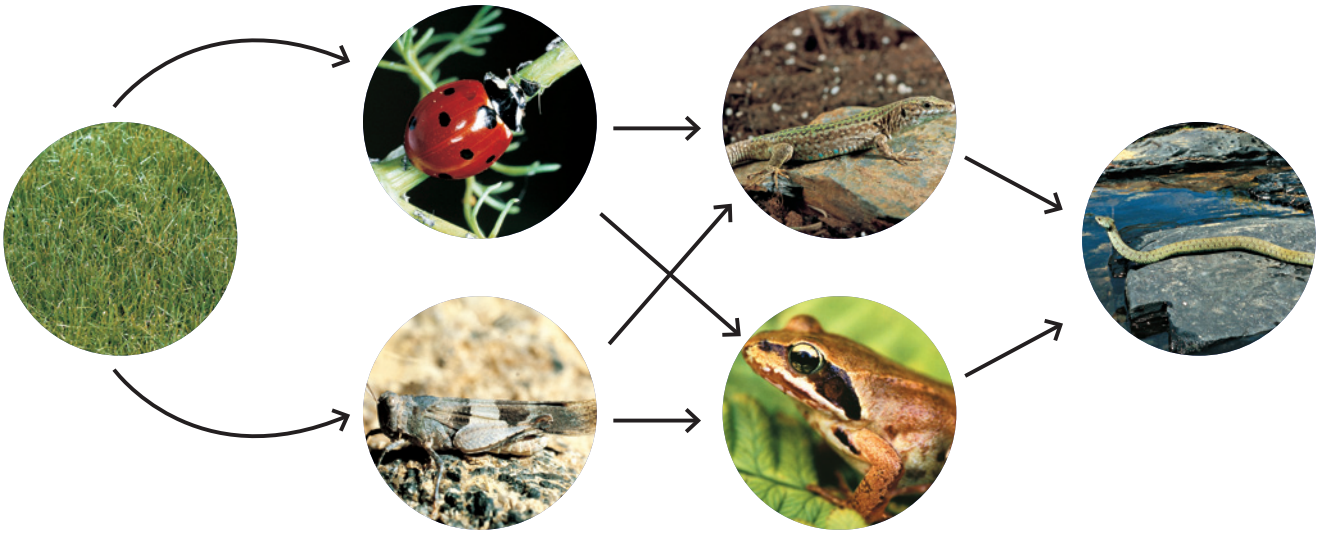
Reinforcement Worksheet 2

Name: _____ Class: _____ Date: _____

1. Look at the food web and complete the table.



Which is the producer?	
What are the primary consumer organisms?	
What are the secondary consumer organisms?	
Where does the snake get energy?	
Where does the energy in this web originally come from?	
If the snake disappeared, what would happen to this food web?	

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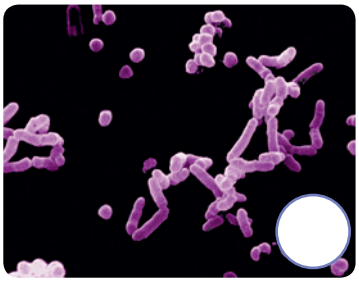
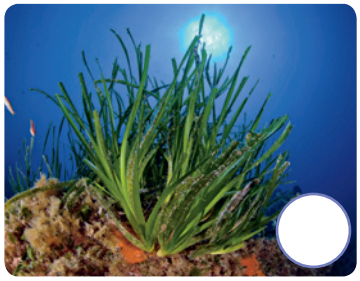
2. What is the difference between an autotrophic and a heterotrophic organism? Explain, and give two examples of each type.

3. Mark each image with an **A** if it is an autotrophic organism and an **H** if it is a heterotrophic organism.





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