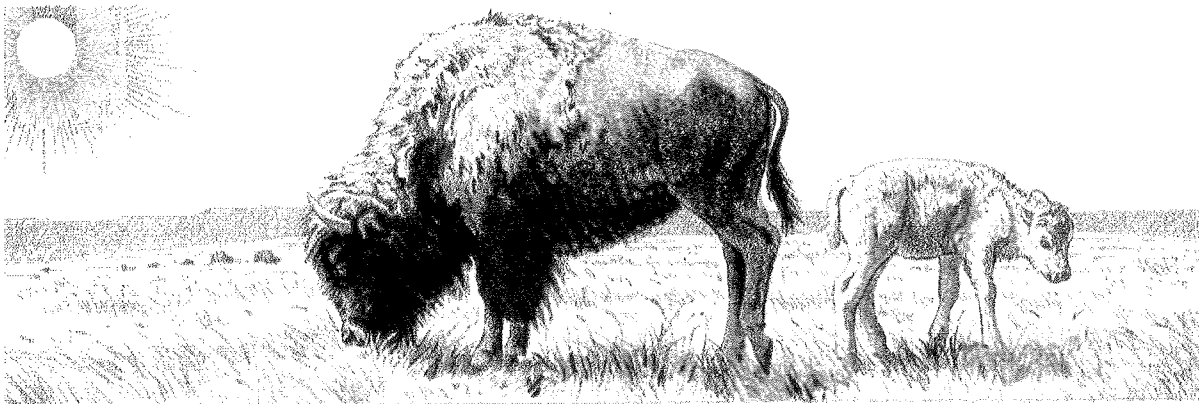




**SHORT ANSWER** Answer the questions in the space provided.

1. List the six characteristics of living things. \_\_\_\_\_  
\_\_\_\_\_
2. Why do organisms require energy? \_\_\_\_\_  
\_\_\_\_\_
3. Contrast growth in living and nonliving things. \_\_\_\_\_  
\_\_\_\_\_
4. What is the difference between growth and development in a multicellular organism? \_\_\_\_\_  
\_\_\_\_\_
5. Is reproduction essential to the survival of an individual organism? Explain your answer. \_\_\_\_\_  
\_\_\_\_\_
6. **Critical Thinking** A female frog has a genetic trait that prevents it from producing eggs. How likely is it that this trait will spread through the frog population? Explain your answer.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**STRUCTURES AND FUNCTIONS** Explain how the drawing below illustrates the characteristics of life. Include at least 4 characteristics in your answer.



\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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