

Name \_\_\_\_\_

Hour \_\_\_\_\_

### Section 7-4 Review

Answer the following questions.

1. What is the difference between a unicellular organism and a multicellular organism?
2. Why must a unicellular organism be versatile?
3. Which type of organism-unicellular or multicellular-evolved first?
4. What is a specialized cell?
5. What type of organism needs specialized cells?
6. What are two examples of specialized cells in humans?

Complete the following table by checking the correct column for each example.

	Example	Unicellular Organism	Multicellular Organism	Neither
7.	human			
8.	element			
9.	bacteria			
10.	amoeba			
11.	glucose			
12.	plant			
13.	insect			

14. Arrange and write the following terms in order from the simplest to the most complex.

system      cell      organ      community      organism      tissue

a. \_\_\_\_\_      b. \_\_\_\_\_      c. \_\_\_\_\_

d. \_\_\_\_\_      e. \_\_\_\_\_      f. \_\_\_\_\_

15. Write each of the following words under its appropriate category title: *lung, plant, fish, circulatory, heart, liver, mouse, respiratory, dog, brain, digestive, nervous.*

Category: Organ

Category: System

Category: Organism

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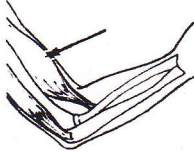
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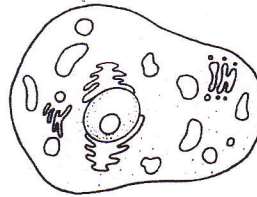
16. Write the term from Exercise 14 to identify each of the following illustrations.

a.



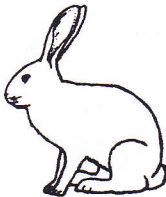

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b.



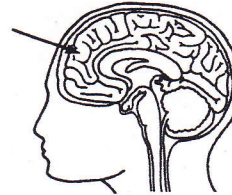

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c.



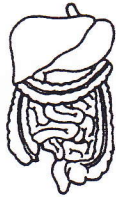

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d.




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e.




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f.




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17. Is your tongue a tissue, an organ, or an organ system? Explain your answer.

18. How are tissues and organs different?