

**Cell Biology**  
**Mystery Cells**

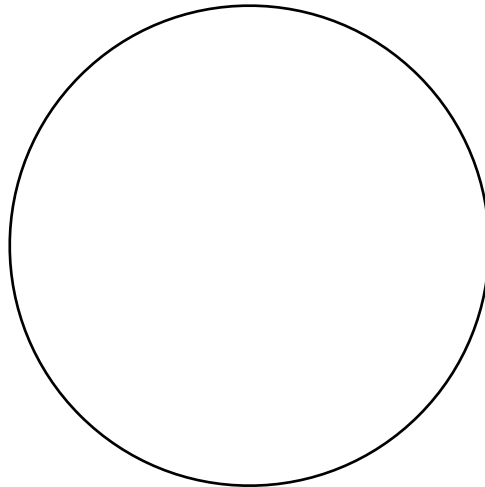
Name:

Period:

Use the slide strip #11 and a plastic microscope for this. Use colored pencils to make a drawing in the circle of what you see. Then, answer the questions using what you observed and information from the paragraph below.

Circle #2 shows a magnified view of an organism. The letter "N" is pointing to a nucleus.

When you draw, do NOT draw the letters and lines you see on the photo!



1. What level of organization are you observing? [hint: Chapter 4, Section 3] \_\_\_\_\_
2. Is this a unicellular or multicellular organism? \_\_\_\_\_
3. How can you tell? \_\_\_\_\_  
\_\_\_\_\_
4. Is this a prokaryotic or a eukaryotic organism? \_\_\_\_\_
5. How can you tell? \_\_\_\_\_  
\_\_\_\_\_
6. Look at the shape of the cells. Are you looking at a plant or an animal? \_\_\_\_\_
7. How can you tell? \_\_\_\_\_  
\_\_\_\_\_
8. The letter D labels a particular organelle. What is this organelle? \_\_\_\_\_
9. What is the job of this organelle? \_\_\_\_\_  
\_\_\_\_\_
10. What is the job of the nucleus? \_\_\_\_\_  
\_\_\_\_\_