

Name: _____

Date: _____

Period: _____

Cell History and Theory Notes

1. What is the smallest, functional unit of life? _____
2. The discovery of the cell was possible due to the invention of the _____.
3. Who was the first person to identify cells? _____
 - a. Why did he call them cells? _____
4. What was Anton van Leeuwenhoek the first to see in the 1600s?

5. What did the German botanist Matthias Schleiden conclude?

6. What did the German scientist Theodor Schwann conclude?

7. How did Rudolph Virchow summarize his years of work?

8. What are the three concepts that make up the cell theory?
 - a. _____
 - b. _____
 - c. _____
9. Using a t-chart, compare and contrast prokaryotic and eukaryotic cells. Be sure to include the 3 similarities and at least 1 difference. Also include an example.

10. Using the Visual Vocab on *page 72* of the textbook, draw and label a prokaryotic and an eukaryotic cell.