

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

View the video on the "Wacky History of the Cell Theory." <http://ed.ted.com/lessons/the-wacky-history-of-cell-theory#watch> and answer the following questions.

1. List the three parts of the cell theory:
  1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
2. Name of the spectacle maker from Netherlands – lived in the early 1600's \_\_\_\_\_
3. What was this scientist famous for?
4. Name of the Dutch scientist who made his own microscope \_\_\_\_\_
5. What famous discovery did this scientist make with his home-made microscope? How did he make this discovery?
6. What did he call his discovery? \_\_\_\_\_
7. Name of the English scientist who is credited for coming up with the term "cell" \_\_\_\_\_
8. What was this scientist looking at when he came up with the name "cell?" \_\_\_\_\_
9. Why did he call them cells?
10. What did Robert Hooke do to make Sir Isaac Newton Mad?
11. Why does no one know what Robert Hook looked like?

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12. Name of the German botanist (one who studies plants) from the 1800's \_\_\_\_\_

13. What discovery was this German botanist famous for?

14. Name of another German scientist from the 1800's that studied animals \_\_\_\_\_

15. What was this German scientist famous for?

16. What part of the cell theory did Shleiden and Schwann disagree on?

17. What did Schleiden believe?

18. What did Schwann believe?

19. Who was right? \_\_\_\_\_

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