

Name answer key Date \_\_\_\_\_

# History of Cells

Answer the questions and complete the sentences below!

- 1) Histologists are scientists who study cells.
- 2) Cell Theory:
  - \* All organisms are made up of one or more cells.
  - \* Cells are the basic units of structure and function in all organisms.
  - \* All cells come from other cells that already exist.
- 3) Robert Hooke was the first person to see cells.
- 4) cell are the building blocks of life.
- 5) Anton Van Leeuwenhoek was the first person to observe living cells in a drop of pond water.
- 6) The Cell Theory is one of the major theories in science.
- 7) The first cells observed were dead cells in thin slices of cork.
- 8) The work of Schleiden, Schwaan, and Virchow led to the development of the Cell Theory.

Pioneers in the study of cells:

Anton Van Leeuwenhoek  
Robert Hooke  
Theodor Schwann  
Matthias Schleiden  
Randolph Virchow

Do you believe the cork that Hooke observed could produce new cells? Explain.

No, the cork was no longer living. Only living cells can make new cells.