

Name \_\_\_\_\_

Date \_\_\_\_\_

## Who created the process known as pasteurization?

Louis Pasteur was born in Dole, France. As a child, Louis Pasteur would help his father in his tannery shop after school.

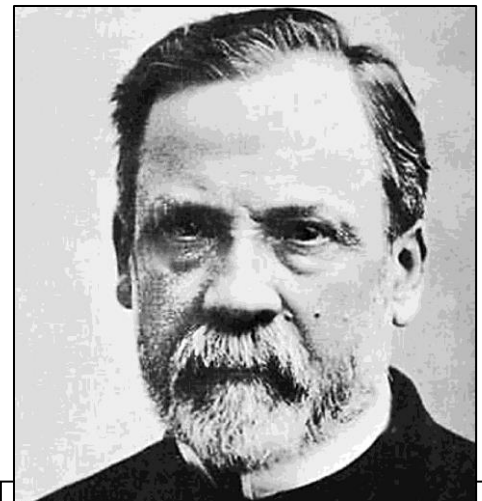
Although an average student in his early years, he earned several college degrees, including both a BA and a BS degree. He later studied at the Ecole Normale Supérieure in Paris. He married and had five children. The death of one of his children from typhoid fever drove Pasteur to find cures for diseases. He found that fermentation, which is the process used in making beer and wine, is the work of tiny, microscopic organisms.

Pasteur's most important discovery was the process known as pasteurization. During this process, bacteria are removed through the application of heat. This process is still used today to ensure the quality of many food products.

Pasteur also discovered that germs are responsible for transmitting infectious diseases. He also created vaccines for cholera, anthrax, and rabies.

### ANSWER THE QUESTIONS.

1. Where was Louis Pasteur born?
  - a. France
  - b. Germany
  - c. Russia
  - d. None of the above

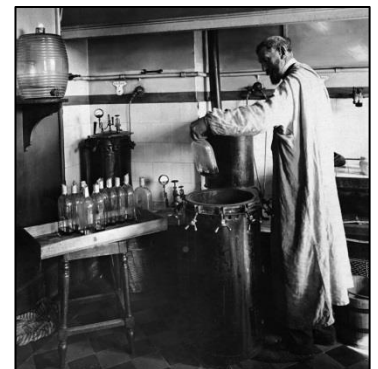


December 1822 – September 1895

2. What motivated Pasteur to look for cures for diseases?
  - a. a trip to Paris
  - b. the fermentation of elements
  - c. the death of one of his children
  - d. his work with his father



3. The removal of bacteria through the application of heat is called \_\_\_\_\_.
  - a. pasteurization
  - b. fermentation
  - c. vaccination
  - d. sterilization



4. Pasteur developed a vaccine for \_\_\_\_\_.
  - a. typhoid fever
  - b. rabies
  - c. measles
  - d. influenza

