

Name : _____

Class : Bestari

B. Read the passage below.

René Laennec



The stethoscope is a common instrument to all doctors. This instrument may even be **considered** as the symbol of medicine. The inventor of the stethoscope is René Theophile Hyacinthe Laennec (1781–1826). He was a French doctor who **invented** the stethoscope in 1816. Here is the story of how this remarkable medical invention **came** to be. In September 1816, during a cool morning, while walking in Paris, Dr. René, **observed** two children sending signals to each other using a long piece of solid wood and a pin. With an ear to one end, the child **received** an **amplified** sound of his friend scratching the opposite end of the wood with the pin. It was this observation that inspired his invention of the stethoscope. He **tested** this idea by rolling up a piece of paper and then used it to listen to his patient's chest. He was **surprised** that he was able to hear his patient's heart beat more clearly. He later made his first stethoscope using wooden cylinders. He **called** this instrument "the cylinder".

Adapted : Roguin, A. (2006). René Theophile Hyacinthe Laennec (1781–1826): The Man Behind the Stethoscope. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1570491/>

C. Complete the text using the words or phrases below.

- doctors
- listen to the heart beats
- invented the stethoscope in 1816
- he saw children playing with a long wood that transmitted sounds
- rolling up a piece of paper and then using it to listen to his patient's chest

A stethoscope is used by _____.

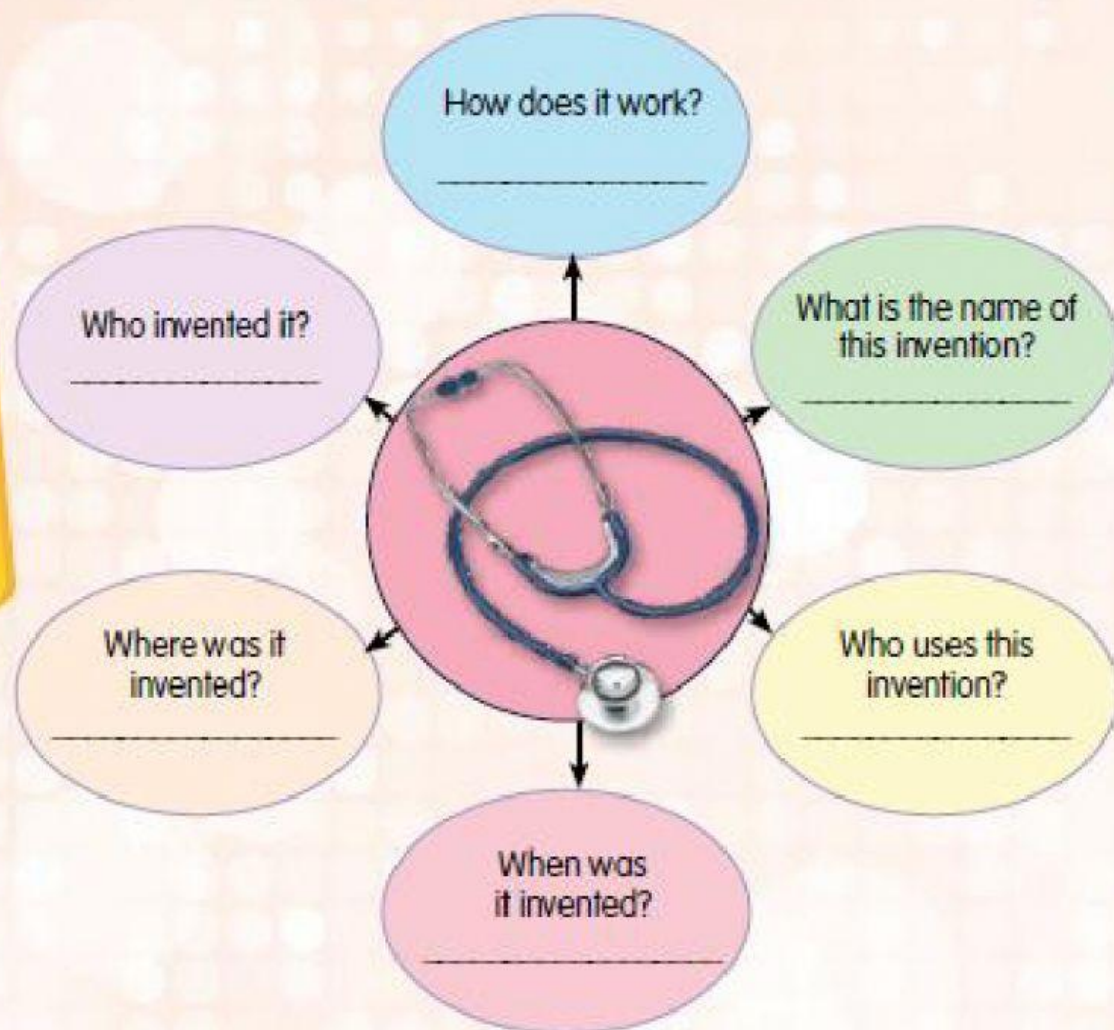
A stethoscope is used to _____

René Laennec _____

The idea of creating a stethoscope came to him when _____

_____ He tested this idea by

D. Complete the diagram below.



France

1816

René Theophile Hyacinthe Laennec

Doctors

Stethoscope

Amplifies the sound of heart beats



Glossary

- **amplifies:** increase the volume of sound by using an amplifier