

***How Aspirin Was Discovered* (TED-Ed) - Multiple Choice Worksheet**

Video: *How aspirin was discovered* - Krishna Sudhir (TED-Ed)

Length: 5:45

Match the words to their definitions.

1. Willow bark
2. Painkiller
3. Fever
4. Compound
5. Inflammation
6. Blood clot
7. Side effect
8. Synthetic
9. Prescription
10. Stroke

- a. A medicine ordered by a doctor
- b. Swelling and irritation in the body
- c. A medicine used to reduce pain
- d. Made artificially in a laboratory
- e. The outer covering of a willow tree
- f. An unwanted effect of a medicine
- g. A blockage of blood in a vessel
- h. A medical emergency caused by interrupted blood flow to the brain
- i. A substance made from two or more elements
- j. An abnormally high body temperature

While Watching: Multiple Choice Quiz

Choose the correct answer.

1. What did the ancient Sumerians discover about willow bark?

- A. It could cure infections.
- B. It could reduce pain.
- C. It could help people sleep.
- D. It could improve eyesight.

2. Approximately how long ago did the Sumerians use willow bark?

- A. 1,000 years ago
 - B. 2,000 years ago
 - C. 4,000 years ago
 - D. 6,000 years ago
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3. Which famous Greek physician recommended willow bark?

- A. Aristotle
 - B. Hippocrates
 - C. Socrates
 - D. Galen
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4. What symptom was willow bark traditionally used to treat?

- A. Tooth decay
 - B. Kidney disease
 - C. Fever and pain
 - D. Blindness
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5. What substance was isolated from willow bark in the 19th century?

- A. Penicillin
 - B. Morphine
 - C. Salicin
 - D. Insulin
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6. What problem did early forms of salicylic acid cause?

- A. Drowsiness
 - B. Stomach irritation
 - C. Hair loss
 - D. Skin discoloration
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7. Which company developed acetylsalicylic acid into aspirin?

- A. Pfizer
 - B. Roche
 - C. Bayer
 - D. Novartis
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8. In what year was aspirin first marketed?

- A. 1799
 - B. 1899
 - C. 1929
 - D. 1999
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9. Besides relieving pain, aspirin can help prevent:

- A. Broken bones
 - B. Deafness
 - C. Blood clots
 - D. Influenza
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10. Why is aspirin considered an important medicine?

- A. It was the first antibiotic.
 - B. It has many medical uses and has saved millions of lives.
 - C. It completely cures cancer.
 - D. It has no side effects.
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Complete the Sentences

Use the words below.

aspirin - willow bark - pain - salicin - fever - blood clots

1. Ancient people used _____ to relieve symptoms.
2. One common symptom treated was _____.
3. Scientists later isolated a compound called _____.
4. Modern _____ was developed from this discovery.

5. Aspirin is widely used to reduce _____.
6. It can also help prevent _____.