

# 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

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## 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 \_\_\_\_\_.