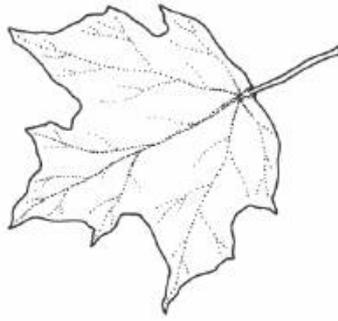


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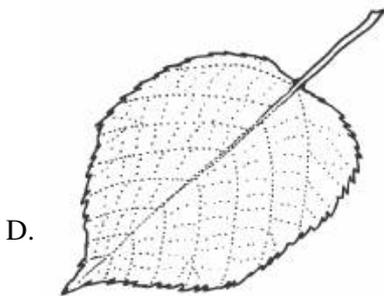
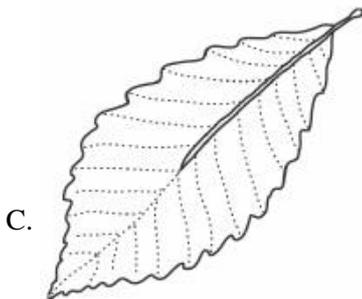
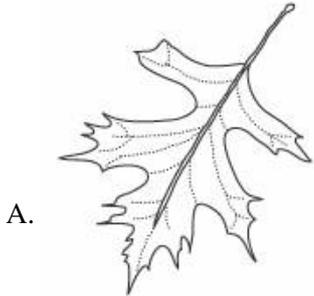
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1. The picture below shows a leaf from a sugar maple tree.



Which of the following tree leaves is **most likely** from a tree that is closely related to the sugar maple?



2. Would it be good for your health to kill all of the bacteria in your body?

- A. Yes. Most bacteria in your body are harmful. Killing all of the bacteria would get rid of these bacteria.
- B. No. Many bacteria in your body are beneficial. These beneficial bacteria help your body perform physiological functions, such as digestion.
- C. Yes. Getting rid of all bacteria in the body would prevent most diseases. This is why doctors use antibiotics.
- D. No. The harmful bacteria in your body are important for stimulating the immune system.

3. Which structure is found in a plant cell but not in an animal cell?

- A. nucleus
- B. cell membrane
- C. cell wall
- D. chromosomes

4. Several scientists observe an animal with hair and wings. This animal is a

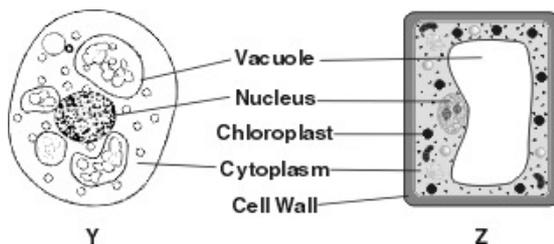
- A. bat.
- B. bird.
- C. butterfly.
- D. flying squirrel.

5. Which pair of kingdoms has members that can make their own food?

- A. Plants and Animals
- B. Fungi and Protists
- C. Protists and Plants
- D. Monerans and Fungi

6.

Use the pictures below to answer this question.



Which statement is true about Cell Z and Cell Y?

- A. Cell Z makes its own food; Cell Y does not.
- B. Cell Y uses oxygen; Cell Z does not.
- C. Cell Y is rigid; Cell Z is not.
- D. Cell Z needs water; Cell Y does not.

7. Racedogs would MOST LIKELY be crossbred for which characteristic?

- A. long hair
  - B. highly developed sense of smell
  - C. companionship
  - D. speed
- 

8. All vertebrate animals have

- A. scales.
  - B. warm blood.
  - C. backbones.
  - D. hair.
- 

9. Which of the following is NOT a mammal?

- A. a cow
  - B. a dog
  - C. a duck
  - D. a zebra
- 

10. Which can bacteria do?

- A. spoil food
- B. heal cuts
- C. purify water
- D. cause cancer

**Answer Key**



1. B)

2. B) No. Many bacteria in your body are beneficial. These beneficial bacteria help your body perform physiological functions, such as digestion.

3. C) cell wall

4. A) bat.

5. C) Protists and Plants

6. A) Cell Z makes its own food; Cell Y does not.

7. D) speed

8. C) backbones.

9. C) a duck

10. A) spoil food