

# Parts of a Plant

Read the passage about transpiration in plants, observe the picture, and answer the questions that follow.

Hannah took a potted plant with several leaves. She looked for a section of a branch where the sunlight fell.

Then she covered a few of the leaves

with  
secu  
plan  
abo

root  
ope  
whic



## Preview

**Become a member to unlock  
unrestricted access to both printable  
and online worksheets.**



[www.tutoringhour.com](http://www.tutoringhour.com)

The water vapor excreted from the plant leaves was trapped and then condensed in the bag, forming water droplets instead of going into the air as usual. Transpiration helps the plant cool down when the weather is hot. It creates a suction pressure that pulls up water from the xylem of the roots to the stem and then to the leaves. When a plant loses excess water, the absorption rate increases, and wilting occurs.

# Parts of a Plant

---

1) What is transpiration?

---


---

2) Check the correct answer.

a) Which process caused the water vapor to become water droplets?

# Preview

Become a member to unlock  
unrestricted access to both printable  
and online worksheets.



[www.tutoringhour.com](http://www.tutoringhour.com)

- The rate of absorption increases, leading to wilting.
- The more water it loses, the further it dries up.
- Nothing significant happens to the plant.

3) What role do stomata play in the process of transpiration?

---

---

# Parts of a Plant

---

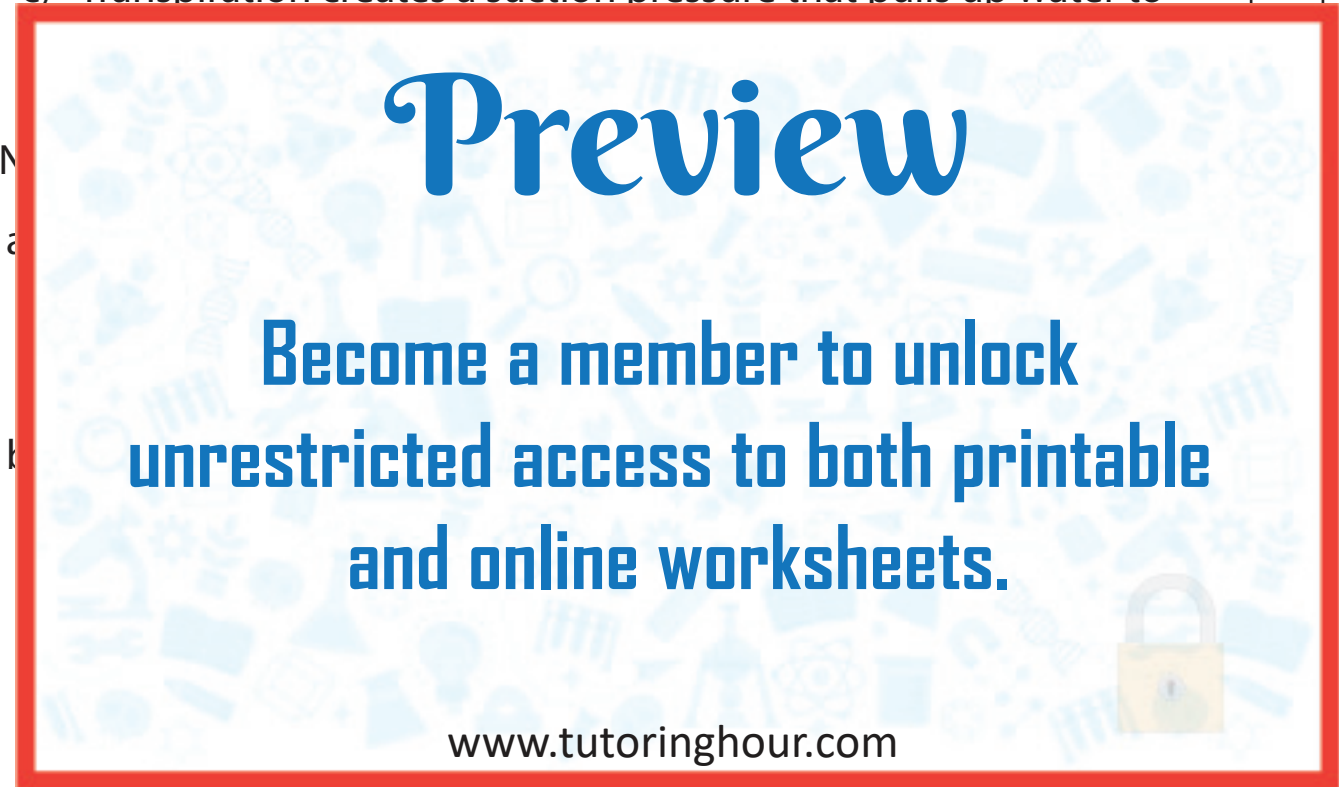
4) Write T if the statements are true and F if they're false.

a) Transpiration helps the plant stay warm when the weather is hot.

b) In Hannah's experiment, the water vapor condensed because it was trapped by the bag.

c) Transpiration creates a suction pressure that pulls up water to

5) M



**Preview**

**Become a member to unlock  
unrestricted access to both printable  
and online worksheets.**

[www.tutoringhour.com](http://www.tutoringhour.com)