

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Biology Warm-up 2<sup>nd</sup> 9 weeks 2-5.1

*Directions: Answer the following questions using your notebooks, and provide a justification for each question.*

1. Vascular tissue within plants has allowed them to grow to very large sizes. Which of the following correctly identifies the function of vascular tissue that allowed this to occur?

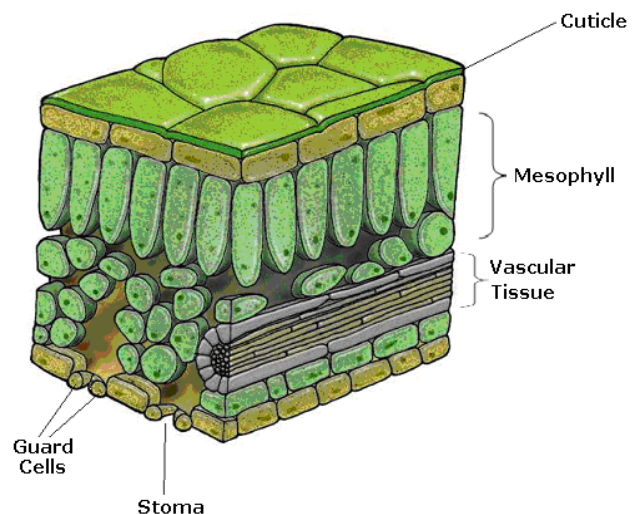
- a. Xylem transports water upward from the roots.
- b. Phloem carries out photosynthesis.
- c. Mesophyll transports sugars from the leaves.
- d. Cuticle regulates gas exchange.

Justification:

2. Where in the leaf to the right does the majority of photosynthesis occur?

- a. Mesophyll
- b. Cuticle
- c. Vascular Tissue
- d. Guard Cells

Justification:



3. Photosynthesis produced carbohydrates and oxygen gas. These carbohydrates are useful for cells because they-

- a. Speed up chemical reactions.
- b. Store genetic material.
- c. Are forms of chemical energy.
- d. Make up the majority of the cell membrane.

Justification:

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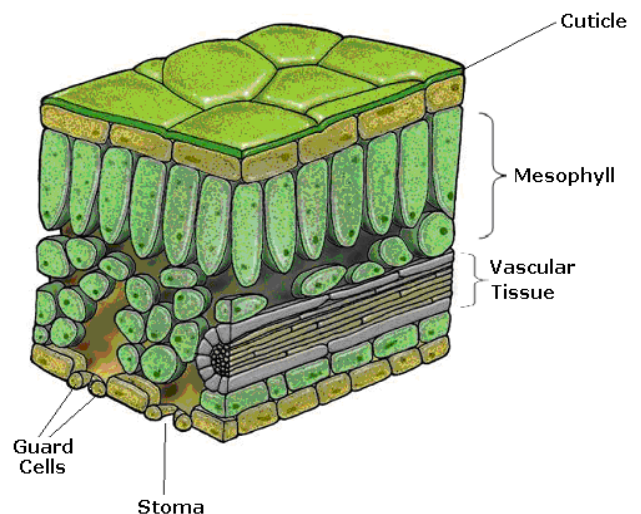
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