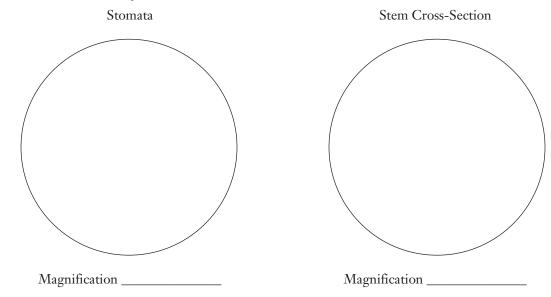


Name

## Plant Morphology Worksheet

## **Observations and Analysis**



## Questions

- 1. Were most of the stomata open or closed in your preparation? Propose a likely reason why the stomata are either open or closed.
- 2. What is the function of the guard cells? How does the function of the guard cells differ from that of epidermis cells?
- 3. How does the structure of each type of cell relate to its function?
- 4. Describe the appearance of the vascular tissue. Does it have a pattern?
- 5. Where within the stem is the vascular tissue located? How might this location be beneficial to the plant?

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