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**MASTER GARDENER HOMEWORK DUE AUGUST 9, 2010**

Topics: *"Introduction into the World of Plants,"*  
Laura Miller, and *'Water-Wise E-K Landscape Color,'*  
Judy Fender, (LC)

Reading Assignment: **Texas Master Gardener Handbook,**  
Chapter 1: Pgs. 1-1 to 1-12; Pgs. 1-21 to 1-23; and pgs. 1-32 to 1-44

1. The two major divisions of angiosperms are:  
\_\_\_\_\_ and \_\_\_\_\_
  
2. The cambium is a meristem in which cells \_\_\_\_\_ and \_\_\_\_\_.
  
3. A node is the point of the stem at which buds develop into \_\_\_\_\_ or \_\_\_\_\_.
  
4. Strawberries and spider plants have:  
(check one)  
  
 Stolons  
 Rhizomes
  
5. You might have more problems weeding Bermuda grass out of a flowerbed than St. Augustine grass because Bermuda grass has:  
(check one)  
  
 Stolons  
 Rhizomes
  
6. Plant taxonomy is based on:  
(check one)  
  
 Leaf shape  
 Plant size  
 Environmental changes  
 Flowers and reproductive parts
  
7. Binomial nomenclature is double naming each plant to have a first name, or \_\_\_\_\_, followed by a descriptive name, or \_\_\_\_\_.

**(Over)**

8. Early in the growing season a caller tells you she has flowers on her squash plant but no squash have developed. What is the likely reason?

\_\_\_\_\_

9. One of the major differences between plants and animals is the plant's ability to

\_\_\_\_\_

10. Plants require 16 elements for normal growth. Six of these elements are used in relatively large amounts and are called \_\_\_\_\_, while the remaining seven elements are used in much smaller amounts and are called \_\_\_\_\_.