**Backyard Botany Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Plant Biology Review Period\_\_\_\_\_**

1. What is the primary function of plant leaves?

2. What is the function of the meristematic regions of a plant?

3. What is the function of the epidermis and cuticle on the leaves and stems of young plants?

4. What is the purpose of petals on flowers?

5. What is the *spongy mesophyll in a plant?*

6. How does the root of a flowering plant absorb water and mineral ions?

7. The force responsible for water traveling up a tree is generated mainly by?

8. In a germinated seed, the *hypocotyl is the?*

9. Name 4 ways seeds are dispersed.

10. In order to geminate most seeds need what three things?

11. Name the parts of the *stamen.*

12. Name the parts of the *pistil.*

13. What is the function of the *palisades mesophyll?*

14. Name two differences between *monocots* and *dicots.*

15. What is the function of *guard cells* on a leaf?

16. Label the following diagrams.



 

