Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Biology Test – Module # 14

Matching: Match each term with the correct definition

|  |  |
| --- | --- |
| 1. \_\_\_ Botany | 1. Nonliving vascular tissue that carries water and dissolved minerals from the roots up to its leaves |
| 1. \_\_\_ Perennial plants | 1. A fine dust that contains the sperm of seed-producing plants |
| 1. \_\_\_ Annual plants | 1. The characteristics of the leaf edge |
| 1. \_\_\_ Biennial plants | 1. The study of plants |
| 1. \_\_\_Xylem | 1. Plants that live for only one year |
| 1. \_\_\_ Phloem | 1. The parts of a plant (such as stems, roots, and leaves) that are not involved in reproduction |
| 1. \_\_\_ Leaf margin | 1. Living vascular tissue that carries sugar and organic substances down the plant |
| 1. \_\_\_ Deciduous plant | 1. Plants that grow year after year |
| 1. \_\_\_ Pollen | 1. A plant that loses its leaves for winter |
| 1. \_\_\_ Vegetative organs | 1. Plants that live for two years |

True or false: Determine whether each statement is true or false.

1. \_\_\_ A person that studies plants is called a botanist.
2. \_\_\_ Leaves are green because they contain chlorophyll.
3. \_\_\_ Usually the underside of a leaf is darker green that the top.
4. \_\_\_ Leaves fall off of trees in the Fall because of an abscission layer.
5. \_\_\_ Leaves that turn brown have citric acid in them.
6. \_\_\_ Two functions of roots are absorb water and anchor the plant.
7. \_\_\_ A dicot is able to produce new xylem and phloem.
8. \_\_\_ Moss is composed of one big plant.
9. \_\_\_ Mosses reproduce by a method called alternation of generations.
10. \_\_\_ A small fern is called a fiddlehead.

List/fill in the blank

1. List the two types of roots.
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. List a function of stems
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What kind of root system does a carrot have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What type of venation does this leaf have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. You see a plant that is five feet tall. Can it by a Bryophyte? \_\_\_\_\_\_\_\_\_\_\_\_\_

Label: Labe the following diagrams.

