



Homework 9/20

1. Trees are Tops! Trees look like they are standing still, but there is \_\_\_\_\_ beneath the bark!
2. All trees are divided into two main classes. They are: \_\_\_\_\_ and \_\_\_\_\_.
3. Conifers are nonflowering trees such as \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
4. Why are conifers called evergreen trees? \_\_\_\_\_
5. Most broadleaved trees in North America are deciduous. What does deciduous mean? \_\_\_\_\_
6. What anchors a tree to the ground? \_\_\_\_\_
7. A system of tubular thick-walled cells, called \_\_\_\_\_ transports the water and minerals into the tree's trunk, branches, and leaves.
8. True or False. The roots of a tree are much smaller than the crown. \_\_\_\_\_
9. Which part of the tree supports all the other parts? \_\_\_\_\_
10. What does phloem do? \_\_\_\_\_
11. The layer of growing tissue that produces new cells that become xylem or phloem is called \_\_\_\_\_.
12. The part of the trunk that is made up of dead xylem cells is called what?  
\_\_\_\_\_



(over)

*Feel free to check you answers after you have completed your homework.*

*answers to homework 9/20*

- 1. activity*
- 2. conifers, broadleaved*
- 3. pines, spruces, firs*
- 4. the leaves stay on the trees all year long*
- 5. drop their leaves in the fall and grow new ones in the spring*
- 6. roots*
- 7. xylem*
- 8. false, the spread of roots underground are as big as the crown.*
- 9. trunk*
- 10. transports food in a liquid called sap throughout the plant*
- 11. cambium*
- 12. heartwood*