**Environmental Science Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Forestry Period\_\_\_\_**

**1. Tree Species Vocabulary**Define these words associated with the study of trees.

arborist
broadleaf
conifer
crown
increment borer
deciduous
cambium
evergreen
petiole
gall
Hardiness Zone
spread
tree rings
lobes
windbreak
dendrochronology

**2. Leaf Shapes**
Identify these leaf shapes

|  |  |
| --- | --- |
|              SciLeafShapes.bmp (239766 bytes) |           1. Cross          2. Fan          3. Scale-like          4. Heart          5. Needle-like          6. Oval          7. Lance          8. Round          9. Triangular |

**3. Tree Anatomy**
Label this tree diagram and explain the purpose of the tree parts

|  |  |
| --- | --- |
| SciTreeInnerDiagram.bmp (360150 bytes) | **Label the parts of this tree  Explain the purpose of each part** * Heartwood
* New Wood (Xylem)
* Inner Bark (phloem)
* Outer Bark
* Cambium
 |

**A.** **B.** 

4. After studying the two diagrams above, write a paragraph describing the choices the owners made concerning tree selection and tree location on their property.