

FORESTRY

TEST

Division B

School: _____ Team # _____

Identify the trees below with the Family Name, Scientific Name, and Common Name:



FAMILY: _____

SCIENTIFIC NAME: _____

COMMON NAME: _____



FAMILY: _____

SCIENTIFIC NAME: _____

COMMON NAME: _____



FAMILY: _____

SCIENTIFIC NAME: _____

COMMON NAME: _____

The “Random Questions” Section

1. After a tree has been cut down, its wood is dried out, or “seasoned,” before it is used for building and construction. Name the two main benefits of doing this.
2. Finish this famous quote by Ralph Waldo Emerson:
"The creation of a thousand forests is in one _____."
3. How many seeds can one sweetgum fruit hold?
4. Which is the only state whose state tree is not native to that state?
5. Extract from witch hazel leaves and bark is used in many products that you can buy at the store. What are the two most common uses for which people buy witch hazel?
6. About how much of the United States of America is covered by forests?
7. _____ is the science of calculating a tree's age by its rings.
8. What is amber?
9. Why should you not move firewood from one location to another?
(Yes, this is related to trees! 😊)

Give the common name of the tree on which each of these berries and flowers grow.



The chart below on the right shows the growth statistics of six different species of trees. From the column on the left, write in the letter of the correct tree next to each of its proper statistics.

<u>TREE SPECIES:</u>
a. American Holly
b. Eastern Redbud
c. Flowering Dogwood
d. Red Maple
e. Sycamore
f. White Oak

<u>ANSWER:</u>	<u>Size</u>	<u>Spread</u>	<u>Growth Rate</u>
_____	40' – 60'	40'	medium/fast
_____	50' – 80'	50' – 80'	slow/medium
_____	15'	10'	slow
_____	40' – 100'	40' – 70'	fast
_____	40' – 50'	18' – 40'	slow/medium
_____	20' – 30'	25' – 35'	medium

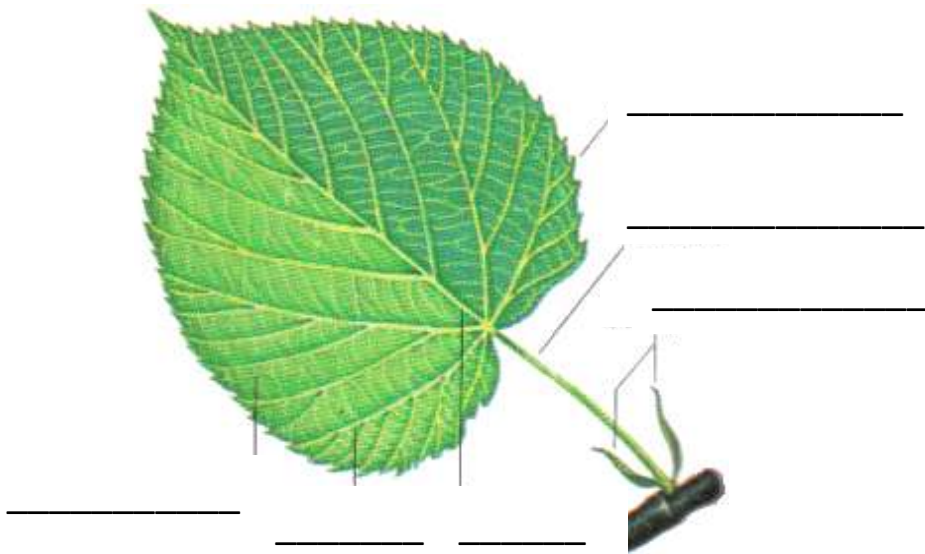
Name three differences between buckeyes nuts and horse chestnuts:

1. _____

2. _____

3. _____

Identify the six parts of the leaf shown in the diagram below. Choose the six correct terms from the word bank provided.



WORD BANK

- Blade
- Internode
- Midrib
- Node
- Petiole
- Pistil
- Stigma
- Small Netted Vein
- Stipule
- Vein

Identify the three different types of tree roots shown in the diagram below:



All of the trees seen below are the state trees of two, three, or four states. Give the common name for each tree, and the correct state names below each tree.



Common Name: _____

State Tree of these two states:

1. _____

2. _____



Common Name: _____

State Tree of these two states:

1. _____

2. _____



Common Name: _____

State Tree of these four states:

1. _____

2. _____

3. _____

4. _____



Common Name: _____

State Tree of these three states:

1. _____

2. _____

3. _____

Give the common name of the tree on which each of these leaves grow.



What is the common name of this tree? →

What is it called when its needles turn this color?



TIE-BREAKER QUESTION:

Studies are currently underway to determine whether or not the planting of large trees in urban areas may help to reduce crime. Do you think this will help to reduce crime? If so, how? If not, why not? (There is no "correct answer." Your answer will be scored based on the logic of your argument, and how well you support it.)

(Continue on the back if necessary)