

It's also important to look at how the leaves and leaflets are attached to the stem. Compound leaves can be attached **palmately**, with leaflets growing from the end of the stalk, forming "fingers." Leaflets can also be attached pinnately, with leaflets arranged directly across from one another (**opposite**), or **alternately** spaced.

Step #4-

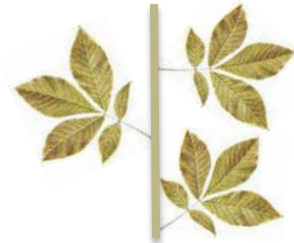
Compound
Palmate Arrangement:



Compound
Pinnate, Opposite:



Compound
Pinnate, Alternate:



For the following list of native tree species, identify its leaf characteristics (simple, compound, lobed, unlobed, etc). Then, using a guidebook or the Internet, check your work to see if you were correct!

1.) American Sycamore (*Planatus occidentalis*)



2.) Green Ash (*Fraxinus pennsylvanica*)



3.) Yellow Buckeye (*Aesculus octandra*)



4.) Hackberry (*Celtis occidentalis*)

