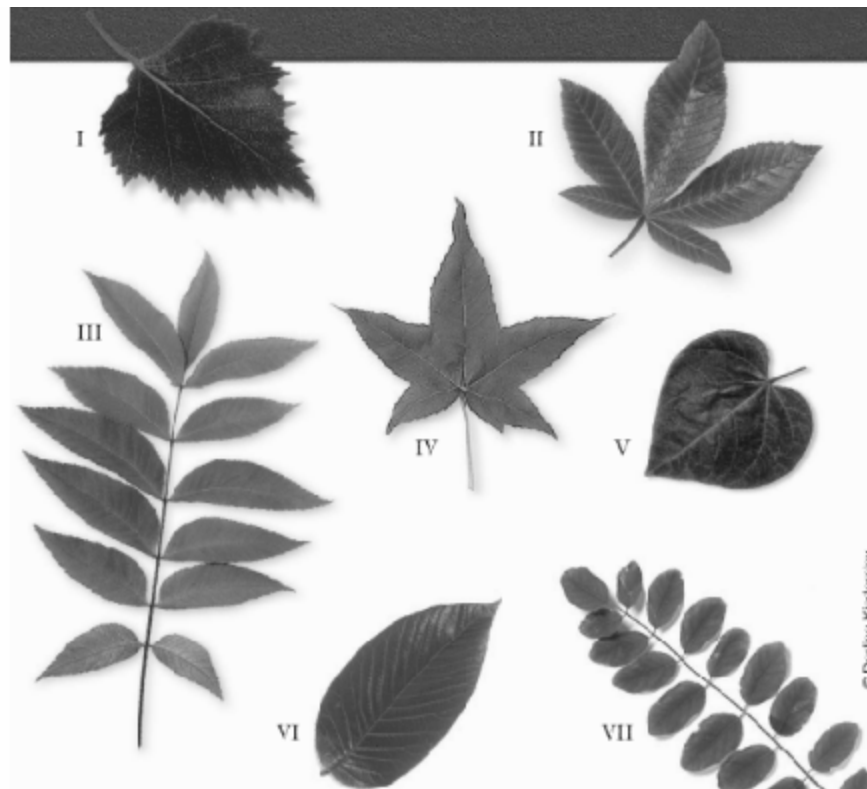


Name:
 Date:
 Class:
 Period:

Dichotomous Key for Leaves

1. Compound or simple leaf
 - 1a) Compound leaf (leaf divided into leaflets)go to step 2
 - 1b) Simple leaf (leaf not divided into leaflets)go to step 4
2. Arrangement of leaflets
 - 2a) Palmate arrangement of leaflets (leaflets all attached at one central point)*Aesculus* (buckeye)
 - 2b) Pinnate arrangement of leaflets (leaflets attached at several points)go to step 3
3. Leaflet shape
 - 3a) Leaflets taper to pointed tips *Carya* (pecan)
 - 3b) Oval leaflets with rounded tips*Robinia* (locust)
4. Arrangement of leaf veins
 - 4a) Veins branch out from one central pointgo to step 5
 - 4b) Veins branch off main vein in the middle of the leafgo to step 6
5. Overall shape of leaf
 - 5a) Leaf is heart shaped*Cercis* (redbud)
 - 5b) Leaf is star shaped*Liquidambar* (sweet gum)
6. Appearance of leaf edge
 - 6a) Leaf has toothed (jagged) edge *Betula* (birch)
 - 6b) Leaf has untoothed (smooth) edge*Magnolia* (magnolia)



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I = _____
 II = _____
 III = _____

IV = _____
 V = _____
 VI = _____
 VII = _____