Identifying Leaves 1-20
Leaves 1-10

1-4 have opposite branching

5-10 have alternate branching
Leaf 1

Opposite branching

Notice the features
Leaf 2,  
Opposite branching

Leaf 1  
- Simple  
- Lobed  
- Sinuses are V-shaped
Leaf 3,
Opposite branching

Leaf 2
- Simple
- Lobed
- Sinuses are U-shaped
Leaf 4,
Opposite branching

Leaf 3
- Simple
- Entire
- Parallel veins
Leaf 4
- Opposite branching
- Compound
- Even-sized leaflets

Leaf 5,
Alternate branching
Leaf 6,
Alternate branching

Leaf 5
- Alternate branching
- Compound
- Leaflets are pointed
- Leaflets are larger towards the tip
Leaf 6
- Simple
- Lobed
- Lobes are rounded

Leaf 7,
Alternate branching
Leaf 7
- Simple
- Lobed
- Lobes are pointed with bristles
- Sinuses are shallow
Leaf 8
- Simple
- Lobed
- Lobes are pointed with bristles
- Sinuses are deep

Leaf 9,
Alternate branching
Leaf 9
- Simple
- Entire
- Leaf is “oval” (not really!)
- Symmetrical across the petiole
- Has weak veins and teeth
- Has a rounded petiole (spins)
- Long, thin, with tiny teeth

Leaf 10,
Alternate branching
That last one? ...

Leaf 10

- Simple
- Entire
- Leaf is “oval”
- Symmetrical across the petiole
- Has weak veins
- Tiny teeth
- Has a rounded petiole (spins)
- Has a short petiole
Leaves 11-20

11-20 have alternate branching
Leaf 11,
Alternate branching

Notice the features
Leaf 11

- Compound
- There are many evenly-sized leaflets that are small and oval
- Watch out for the thorns!

Leaf 12,
Alternate branching
Leaf 13,
Alternate branching

Leaf 12
- Compound
- Leaflets are pointed
- Leaflets are different sizes
- Leaflets are “oval”
- The tree makes a large, tasty nut
Leaf 13
- Compound
- Leaflets are pointed
- Leaflets are equally-sized and linear (long)
- There’s velvet on the stem
- Red berries = not poisonous

Leaf 14,
Alternate branching
Leaf 14
- Simple
- Entire
- Leaf is linear (long)
- Has strong veins and teeth
- Each tooth ends in a bristle

Leaf 15, Alternate branching
Leaf 15
- Simple
- Entire
- Leaf is oval
- Symmetrical across the petiole
- Has strong veins and teeth
- Has a short petiole (spins)

Leaf 16,
Alternate branching
Leaf 16
- Simple
- Entire
- Leaf is “oval” (not really!)
- Asymmetrical/diagonal across the petiole
- Has weak veins
- Small teeth

Leaf 17,
Alternate branching
Leaf 17
- Simple
- Entire
- Leaf is oval
- Asymmetrical across the petiole
- Strong veins
- Double toothed
- Sandpaper texture

Leaf 18,
Alternate branching
Leaf 18
- Simple
- Entire
- Leaf is “oval” (not really!)
- Symmetrical across the petiole
- Has weak veins and teeth
- Has a flat petiole (won’t spin)
- Round, with tiny teeth
Leaf 19
- Simple
- Entire
- Leaf is “oval” (not really!)
- Symmetrical across the petiole
- Has weak veins and teeth
- Has a flat petiole (won’t spin)
- Has large teeth

Leaf 20,
Alternate branching
That last one?

Leaf 20
- Simple
- Entire
- Leaf is “oval”
- Symmetrical across the petiole
- Has strong veins
- Tiny teeth