A hanging fall-leaf mobile with a balanced branch

Mobile balance and spacing guide • Free, no signup or purchase.

Hang a few artificial maple leaves from a light branch on a single suspension cord, balancing the two sides before it goes up. The free guide records each leaf's side, distance from the suspension point and cord length, with a quarter-scale grid for sketching the layout.

What you need

• A dry, clean, light branch without sharp projections
• Artificial maple leaves you already own, or leaves from an optional set; measure the actual pieces
• Thin cord or strong thread, scissors and a tape measure
• One ceiling or wall fixing rated for the load, out of reach and away from beds and fans
• Free mobile balance and spacing guide (PDF)

Steps

1. Choose a sound support

Use a dry, clean, light branch without sharp projections. Tie one suspension cord around the bare branch and slide it until the branch hangs level; mark that point as the single suspension point. This is decorative, not a toy or crib mobile.

2. Plan both sides

Lay out your leaves beside the branch. Measure them and sketch the branch on the guide’s quarter-scale grid, where one small square represents 1 inch. Plan a few leaves on each side on cords of different lengths. Record each leaf’s distance from the suspension point and its cord length in the table.

3. Balance the leaves

Tie the leaves securely while the branch hangs from its cord at a height you can reach. If one side dips, slide a leaf on that side toward the suspension point, or move the suspension cord slightly toward the lower side, then record the final positions.

4. Hang out of reach

Use a fixing rated for the actual load. Keep all cords and small pieces out of reach of children and pets, away from beds, fans and heat. Do not add pumpkins unless their weight is safely supported. Check the selected option and current total before buying anything.

Tips

• Artificial foliage is decorative. Use separate suitable supports and fixings where needed, rated for the actual surface and load. Keep small parts, cords and vines away from children and pets, and keep access, ventilation and heat clear. Never use an open flame near foliage.
• The free printable is available without signup or purchase. Optional Amazon links are affiliate links.
• Pairs of leaves at similar distances on each side are easier to balance than single leaves far from the center.

FigureNook design and planning guide. Visuals are original AI-generated concept illustrations; review manufacturer specifications, dimensions, and product instructions for final suitability.

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Branch length and suspension point (distance from the left end)

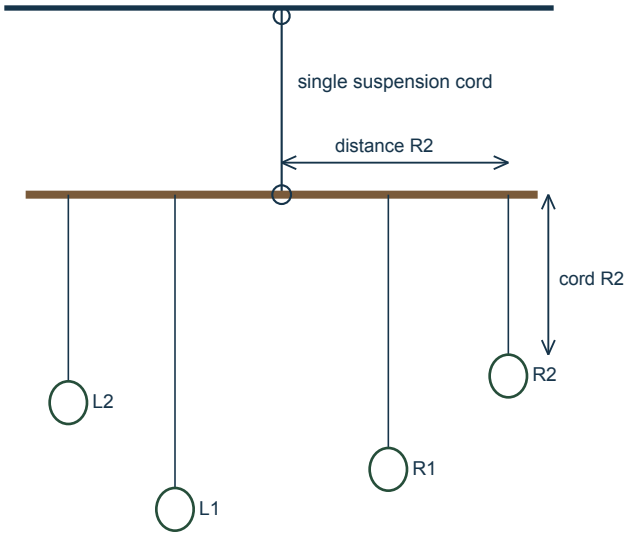
Suspension cord length and ceiling or wall fixing (rated load)

Leaves on the left side (count)

Leaves on the right side (count)

Lowest leaf height above the floor or furniture

One suspension point (not to scale)



If the right side dips: slide a right leaf inward, or move the suspension cord slightly to the right. Record final values.

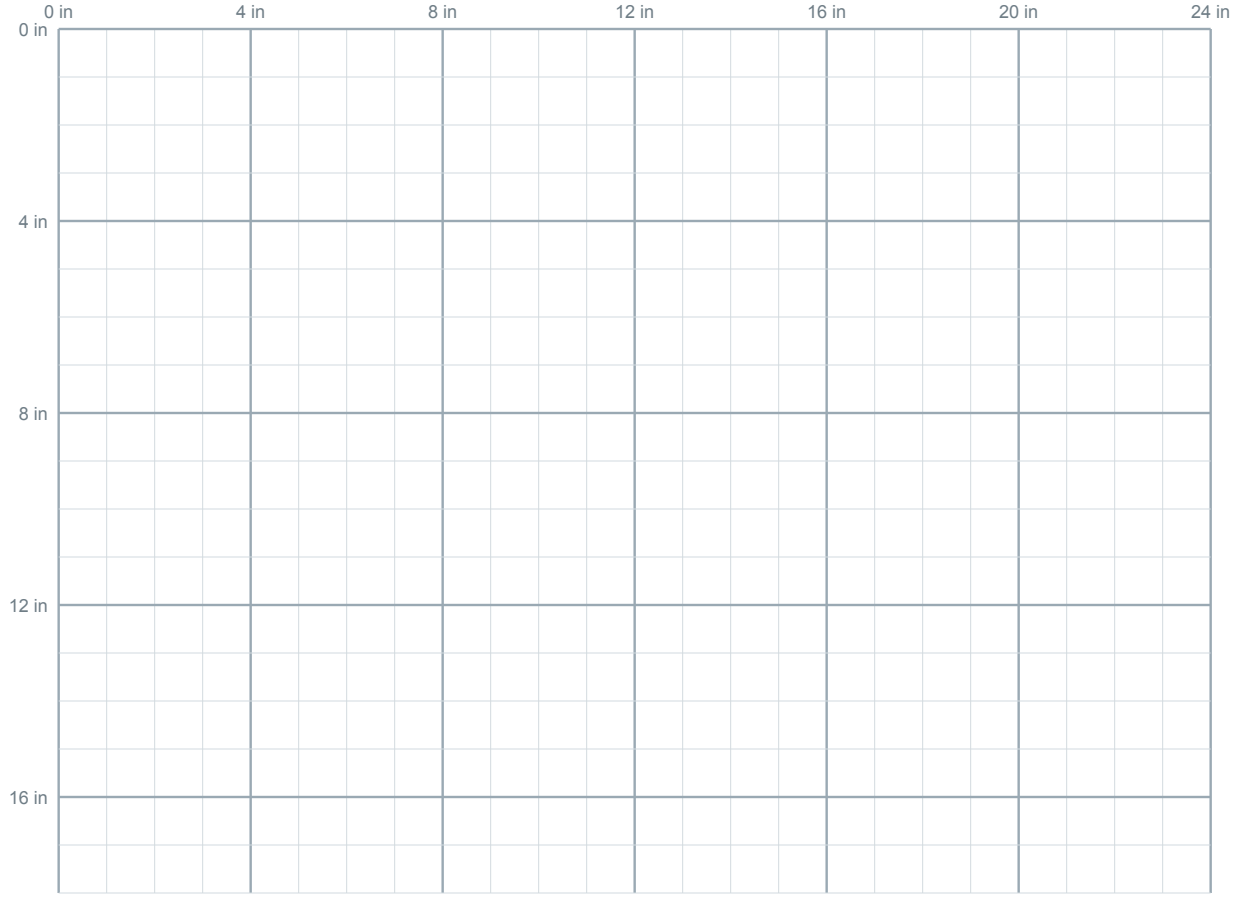
Before you finish

- [ ] The branch hangs level from one suspension cord
- [ ] Every cord is tied securely and trimmed
- [ ] The lowest leaf is out of reach of children and pets
- [ ] Nothing hangs over a bed or near a fan or heat source

Quarter-scale mobile layout grid and leaf table

Print at actual size (100%, not “fit to page”) on US Letter. Check the 1-inch box before using.

1 inch / 25.4 mm



Scale 1:4: each small square = 1 in, each large square = 4 in. Grid = 24 in wide × 18 in drop. Draw the branch along the top, the suspension point, and each leaf on its cord. Measure your own leaves and sketch them to scale.

Leaf table

Leaf	Side (L or R)	Distance from suspension point	Cord length
1			
2			
3			
4			
5			
6			
7			
8			

Distance is measured along the branch from the suspension point. Record final values after balancing.