

Baseboard Miter Calculator — Quick Guide

What This Is

A web app for calculating baseboard and trim miter angles. It runs entirely in your browser — no install, no account, and no internet connection required once the page is loaded. All calculations happen on-device, and your entries are saved locally on your phone or computer so they're there the next time you open it.

What It's For

Cutting baseboard at a corner means finding the right miter angle — and for a radius (bullnose) corner built from several pieces, it also means finding the correct length of each interior piece so the joints close cleanly all the way around the curve. Doing that trigonometry by hand, on site, for every corner and every radius on a job is slow and easy to get wrong.

Why You'd Want to Use It

This app does that math for you, instantly, in the terms you actually measure in on site — corner angle, wall corner radius, trim thickness — rather than abstract geometry terms. For a simple square or out-of-square corner, it gives you the miter angle the moment you type in the wall angle. For a radius corner split into several pieces, it gives you the one miter angle shared by every joint and the exact length to cut the interior piece(s) to, measured from either the back (wall) face or the front face — whichever is easier to check with a tape on site. Beyond a single quick calculation, the Cut List mode lets you build out a full room-by-room list as you go: every piece's joint types, angles, and length in one place, with pieces you can check off as you cut them, so you're not re-deriving a number you already worked out an hour ago or losing track of what's left.

What It Does

- Calculates the miter angle for any corner. Enter the actual measured corner angle — not just a square 90° — and get the miter instantly.
- Handles multi-piece radius (bullnose) corners. Splits the total turn evenly across however many pieces make up the corner, giving one equal miter angle for every joint.
- Computes interior piece length for radius corners. Shows both the back length (at the wall radius) and the front length (accounting for trim thickness), so you can measure and cut from whichever face is more convenient.
- Builds a full room-by-room cut list. Add pieces with independent left- and right-end joint types — Inside, Outside, Radius, Coped, Return, Butt, or Splice — plus a length and an optional note for each.

- Flags mismatches between adjacent pieces. Highlights a piece whose end doesn't match the corner type or angle of the piece next to it, so a wrong entry gets caught before you cut.
- Tracks progress at the saw. Tap either end's joint symbol on a piece to check it off as cut.
- Remembers your settings. Corner radius, trim thickness, wall angle, and piece count are saved and carried forward automatically between entries and between sessions.
- Exports and prints the cut list. Export every room to a single CSV file, or print a paper copy formatted for the job site.
- Includes a feet-inches-fraction converter. Enter a stick measurement straight off the tape (feet, inches, and a sixteenth fraction) and drop the converted decimal value directly into any field.

How to Use It

1. Open the app and choose Calculator or Cut List mode using the toggle at the top.
2. In Calculator mode, enter the corner angle (90° for a square corner) and set the number of pieces that make up the corner.
3. For a corner built from more than two pieces, enter the wall corner radius and trim thickness when the radius fields appear, and read the interior piece's back and front lengths.
4. (Optional) If your measurement is in feet, inches, and a fraction, open the converter at the bottom of the page, enter the values, and tap Use this value to drop the decimal result into the field you were working in.
5. Switch to Cut List mode to build a full list for a job.
6. Add a room label, or use the default room, so pieces are grouped correctly.
7. For each piece, set the Left End Joint Type and Right End Joint Type chips, and fill in the angle or radius fields that appear for that joint type.
8. Enter the piece's length as a decimal (or tap a suggested length button for a radius piece), add an optional note, then tap Add piece to list.
9. Tap any piece in the list to edit it, or use the reorder, duplicate, and delete controls next to it.
10. Tap a joint symbol on a piece to check that end off once it's cut.
11. (Optional) Tap Export CSV to save the full cut list across all rooms, or use Print for a paper copy.

A Note on Scope

This app assumes flat baseboard on plumb, straight walls — it does not calculate a bevel, and out-of-plumb walls are outside what it solves for. For a simple two-piece corner on an out-of-plumb wall, shim the workpiece off the saw fence by the measured gap instead. The miter shown for a Coped joint is the reference cut used before coping the profile by hand, not a finished cut on its own.