Libra Scale Tattoo Drawing: Balance Beam, Pans, and Symbol

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: Draw a Libra scale tattoo design on 150 mm by 150 mm paper using the convention: 1 unit = 10 mm. Support height 8 units, beam width 12 units, hang lines 3 units, pan width 4 units, symbol height 2 units. Check beam level and pan symmetry.

Answer: Support: 80 mm tall at center. Beam: 120 mm wide, centered on the support with its midpoint at the support top (80 mm above the base). Hang lines: 30 mm down from each beam endpoint. Pans: 40 mm wide, centered under the hang lines. Symbol: 20 mm tall, centered horizontally, with its bottom edge 10 mm above the beam midpoint (so its center is 10 + 10 = 20 mm above the beam midpoint). Check: beam endpoints at the same height within 2 mm; pan widths equal within 2 mm; symbol centered within 2 mm; gap from symbol bottom to beam midpoint is 10 mm.