Monstera Leaf Contour Drawing: Split Silhouette and Fenestration

Original tasks 1, 2, 3 / complete keys

Task 1

A reference leaf is 16 cm long and 12 cm wide. You draw it 8 cm long. Find the scale and the drawn width.

Answer: Scale is 8 divided by 16, or 0.5. Drawn width is 12 times 0.5, or 6 cm.

Reason: Scale equals drawing length divided by reference length. Multiply reference width by the same scale.

Check: Verify that 8 divided by 16 equals 0.5 and that 12 times 0.5 equals 6.

Task 2

On a 24 cm reference leaf, a marginal split is 6 cm deep. On your drawing the same split is 2 cm deep. Find both depth ratios and state whether they match.

Answer: Reference ratio is 6 divided by 24, or 0.25. Drawing ratio is 2 divided by the drawn leaf length; if the drawn leaf is 8 cm, the ratio is 2 divided by 8, or 0.25. They match.

Reason: Depth ratio compares split depth to leaf length. Use the same units for both measurements.

Check: Confirm both divisions give 0.25 and that units are centimetres throughout.

Task 3

A leaf has three fenestrations. In a 4 by 4 grid, the largest sits in row 2, column 2. Your drawing places it in row 3, column 2. Describe one proportional adjustment and one check.

Answer: Move the largest fenestration up one row toward row 2. Check that the distance from the leaf tip to the hole is about half the leaf length, matching the reference cell position.

Reason: Grid cells give checkable positions. Adjusting one row corrects vertical placement without changing the contour convention.

Check: Count grid cells from tip to hole on both reference and drawing; they should match or differ by no more than half a cell.

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Original tasks 4 / complete keys

Task 4

You draw a blind contour for 75 seconds without looking at the paper. The result is distorted. State the next step and one rule to keep in the normal contour.

Answer: Draw a normal contour using the four landmarks and scale. Keep the rule that fenestrations are closed interior loops separate from edge splits.

Reason: Blind contour trains edge attention but is not the final drawing. The normal contour applies measured landmarks and the defined convention.

Check: Confirm the normal drawing has four landmarks, one continuous outer edge, and separate closed fenestration loops.

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Source rubric / reflection

- [ ] Outer silhouette is drawn as one continuous line with splits as notches.
- [ ] Each fenestration is a closed interior contour separate from the edge.
- [ ] Four landmarks are placed using a recorded scale.
- [ ] Split depths and hole positions are checked with simple ratios or grid cells.
- [ ] No interior vein construction is added.
- [ ] Valid alternatives are accepted when contour logic and proportional checks are consistent.

Reflection: What did you check, what did you change, and what will you try next?