Half-Face Mirror Symmetry Drawing: Complete the Missing Side

Original task 1 / independent drawing and calculation

Task 1

A half-face is drawn on the left. The drawn eyebrow peak is 14 mm left of the axis and 12 mm above the eye midline. The drawn ear top is 22 mm left of the axis and 40 mm above the chin line. State the mirrored positions on the right side.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

A drawn mouth corner is 10 mm left of the axis and 5 mm below the eye midline. The mouth center is on the axis. Where is the missing mouth corner, and what is the horizontal distance between the two corners?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

A drawn jaw point is 16 mm left of the axis and 25 mm below the eye midline. A second drawn jaw point is 12 mm left of the axis and 35 mm below the eye midline. Plot the mirrored points and describe how you would check them with a fold.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

A drawn inner eye corner is 9 mm left of the axis and 27 mm above the eye midline. Your first attempt places the mirrored corner 11 mm right of the axis and 27 mm above the eye midline. Is this acceptable under the 2 mm example tolerance? If not, what should it be?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.