Draw Mermaid Scale Rows on a Face: Fan Bands from Cheek to Temple

Original task 1 / independent drawing and calculation

Task 1

On a face oval 10 cm tall and 7 cm wide, place a fan origin one-third up and one-third in from the edge. Draw three guide rays toward the temple. Plan one band with eight scales at the temple end, each about 1 cm wide, overlapping by one-third. The temple arc of the band is 6 cm, and the jaw arc is two-thirds the temple arc length. State how many scales you would plan for the jaw end if each row narrows by 20 percent.

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 learner draws a band with color A on the left half and color B on the right half with no blended zone. Describe the palette-strip test and the drawing change needed to fix the band.

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 band at the temple has an arc length of 6 cm and holds eight scales. The same band at the jaw has an arc length of 4 cm. Using the one-third overlap rule and a 20 percent narrowing per row, explain whether the jaw band should hold more or fewer scales than the temple band and give a checkable count range.

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 learner's fan bands cross one another near the temple, and the gaps between band edges vary by more than 0.5 cm. Describe two adjustments that restore consistent spacing without redrawing the whole face oval.

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.