Side-Profile Lips: Contour and Proportion Drawing Guide

Original tasks 1, 2, 3 / complete keys

Task 1

A drawing has lower lip height 1.8 cm. Using the hypothetical ratio 0.7, calculate expected upper lip height and state whether a drawn upper height of 1.0 cm is within 0.3 cm of the estimate.

Answer: Expected upper height = 0.7 × 1.8 = 1.26 cm. Difference from 1.0 cm is 0.26 cm, which is within 0.3 cm.

Reason: Multiply lower height by 0.7, then subtract the drawn value and compare absolute difference to 0.3 cm.

Check: Recompute 1.8 × 0.7 = 1.26; verify $|1.26 - 1.0| = 0.26 \leq 0.3$.

Task 2

Describe a side-profile lip diagram where the corner is 2.5 cm behind the frontmost lip point and the lower lip height is 1.2 cm. Calculate the hypothetical upper lip height using ratio 0.7 and state one placement check.

Answer: Upper lip height = 0.7 × 1.2 = 0.84 cm. Placement check: the corner should be behind the frontmost lip point by 2.5 cm, and the frontmost point should project beyond the corner.

Reason: Use the ratio for height and compare corner-to-front distance to confirm projection.

Check: Verify 1.2 × 0.7 = 0.84 and confirm 2.5 cm is positive and measured horizontally.

Task 3

A student draws upper lip height 1.5 cm and lower lip height 2.0 cm. Calculate the ratio upper/lower and state whether it is within 0.1 of the hypothetical 0.7.

Answer: Ratio = 1.5 / 2.0 = 0.75. Difference from 0.7 is 0.05, which is within 0.1.

Reason: Divide upper by lower, then compare absolute difference to 0.1.

Check: Recompute 1.5 ÷ 2.0 = 0.75; verify $|0.75 - 0.7| = 0.05 \leq 0.1$.

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Original tasks 4 / complete keys

Task 4

In a described diagram, the midline is 1.4 cm above the baseline and the upper peak is 1.0 cm above the midline. Calculate total lip height from baseline to upper peak and state one contour check.

Answer: Total height = 1.4 + 1.0 = 2.4 cm. Contour check: the upper contour should rise from the corner to the peak and descend to the front without crossing the midline except at the seam.

Reason: Add lower and upper heights; contour check confirms the silhouette follows the guide lines.

Check: Verify 1.4 + 1.0 = 2.4 cm and trace the contour to confirm no unintended midline crossing.

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Source rubric / reflection

- [ ] Baseline and midline are clearly distinguished and labelled.
- [ ] Mouth corner is placed behind the frontmost lip point.
- [ ] Upper and lower lip heights are measured in consistent units.
- [ ] Contour is continuous and does not cross the midline except at the seam.
- [ ] Guides are light and erased or darkened appropriately.
- [ ] Valid alternative lip shapes are accepted if proportion checks are internally consistent.

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