Approximate Symmetry Drawing: Compare Near-Mirror Shapes

Original tasks 1, 2 / independent work

Task 1

A simple face is compared about a vertical axis. Eye distance from axis: left 14 mm, right 17 mm. Mouth corner distance: left 9 mm, right 9 mm. Nose tip distance: left 2 mm, right 5 mm. Calculate the absolute difference for each pair and identify the most nearly mirror-equal feature.

Task 2

A shell is compared about a horizontal axis. Spiral width above axis: left 20 mm, right 24 mm. Opening height below axis: left 11 mm, right 8 mm. Ridge distance: left 6 mm, right 6 mm. Which feature has the largest absolute difference, and what should the redraw show?

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Original tasks 3, 4 / independent work

Task 3

A leaf is compared about a vertical axis. Edge point A: left 12 mm, right 15 mm. Edge point B: left 9 mm, right 9 mm. Edge point C: left 7 mm, right 10 mm. If the redraw tolerance is 1 mm, which feature pairs are acceptable when redrawn exactly as logged?

Task 4

A face is compared about a vertical axis. Ear distance: left 16 mm, right 19 mm. Chin width: left 13 mm, right 13 mm. Eyebrow height from baseline to midline: left 22 mm, right 25 mm. List the absolute differences and state one valid alternative drawing choice that still satisfies the rubric.