Cross-Contour Vase Drawing: Curved vs Straight Lines

Original tasks 1, 2 / independent work

Task 1

A vase is 10 cm tall with its widest point at 4 cm from the base (width 6 cm) and a rim width of 3 cm at 10 cm. Plan four cross-contour heights and state where the line should be most bowed.

Task 2

A student draws straight horizontal lines on both vase versions. Explain what information is lost and what remains clear.

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Original tasks 3, 4 / independent work

Task 3

A vase has widths of 4 cm at 1 cm height, 7 cm at 5 cm, and 3 cm at 9 cm. If you draw three cross-contour lines at those heights, which line is shortest and which is longest?

Task 4

You draw a vase with four cross-contour lines at 2 cm, 5 cm, 8 cm, and 11 cm. The lines at 2 cm and 11 cm are nearly flat, while the line at 5 cm bows strongly. Describe the vase's likely shape and one check to confirm your lines are consistent.