Goat Horns Drawing: Ridged Taper and Backward Curve

Original tasks 1, 2 / independent work

Task 1

A horn has a 3 cm base width and a 9 cm centerline divided into three equal segments. The planned widths are 3.0, 2.0, 1.0, and 0.5 cm. State the width at each division and tip, and explain how to check taper.

Task 2

A centerline is 8 cm long and you plan six ridges. Where do you place the ridge marks, and how do you check spacing?

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Original tasks 3, 4 / independent work

Task 3

A horn base is 2.4 cm wide and the tip is 0.6 cm wide. At a point where the horn width is 1.2 cm, how long should the ridge be, and why?

Task 4

A drawing shows a centerline that shifts 4 cm backward over 10 cm of length, with widths 2.5, 1.8, 1.2, 0.8, and 0.4 cm. List two checks that confirm the backward curve and taper are consistent.