Cross-Contour Shoe Drawing: Surface Lines Practice

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

A simplified shoe side view is 12 cm long from heel to toe. You draw five cross-contour lines, creating four gaps. The gaps near the toe measure 2.0 cm, 2.2 cm, 2.4 cm, and 2.6 cm. Calculate the average gap and state whether the spacing is consistent within a hypothetical tolerance of plus or minus 0.5 cm.

Answer: Sum the gaps: 2.0 + 2.2 + 2.4 + 2.6 = 9.2 cm. Average gap = 9.2 divided by 4 = 2.3 cm. Tolerance range: 2.3 minus 0.5 = 1.8 cm to 2.3 plus 0.5 = 2.8 cm. All gaps (2.0, 2.2, 2.4, 2.6) fall within 1.8 to 2.8 cm, so the spacing is consistent within the stated tolerance.