Shoe and Foot Drawing Practice: Fit, Outline, and Proportion

Original tasks 1, 2 / independent work

Task 1

A foot outline is 10 cm long and 3 cm wide at the ball. The heel-to-ball distance is 6 cm, and the baseline-to-midline distance at the ball is 3 cm. Using a hypothetical margin of 0.5 cm, calculate the shoe length and width, and state the x-height.

Task 2

A foot outline is 14 cm long. The heel-to-ball distance is 9 cm. What is the ratio of heel-to-ball to heel-to-toe, and is it close to two-thirds?

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Original tasks 3, 4 / independent work

Task 3

A shoe overlay is 13 cm long and 5 cm wide. The foot outline is 11 cm long and 3 cm wide. What is the margin at each end and each side if the margin is consistent?

Task 4

A foot outline has foot width 4 cm at the ball and heel-to-toe length 12 cm. The baseline-to-midline distance at the ball is 3 cm. If the shoe margin is 1 cm, what is the shoe width at the ball, what is the shoe length, and what is the x-height?