Drawing Arms: Joint Landmarks and Muscle Masses

Original tasks 1, 2 / independent work

Task 1

A straight arm has upper arm length 8 cm. Using the convention, forearm is 0.8 units and widths are 0.5, 0.35, and 0.2 units. Calculate forearm length and the three widths, then describe where each width mark goes.

Task 2

A bent arm has upper arm 7 cm and forearm 0.9 units. The elbow angle is 90 degrees. Describe how to place the forearm line and how the muscle masses differ from a straight-arm drawing.

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Original tasks 3, 4 / independent work

Task 3

An arm drawing shows shoulder width 3.5 cm, elbow width 3.0 cm, and wrist width 2.5 cm with upper arm 7 cm. Identify the proportion error and state corrected widths using the convention.

Task 4

A bent arm has upper arm 5 cm and forearm 0.8 units, with the forearm rotated 45 degrees from the upper arm. Calculate forearm length, state the angle, and list two checks that confirm the muscle masses are correctly adapted.