Hand Drawing Guidelines: Palm Block, Finger Segments, and Proportion Overlay

Original tasks 1, 2 / independent work

Task 1

A palm block is 40 mm tall. The middle finger is 36 mm, the index finger is 34 mm, and the little finger is 26 mm. Compute the palm-to-middle-finger ratio and the middle-to-little-finger ratio.

Task 2

A student places knuckle dots at 10 mm, 20 mm, 30 mm, and 40 mm along a 50 mm knuckle edge. Are the dots evenly spaced, and what is the gap between the last dot and the edge?

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Original tasks 3, 4 / independent work

Task 3

A thumb base segment is 18 mm and the distal thumb segment is 14 mm. The palm height is 45 mm. Compute thumb total length and the thumb-to-palm ratio.

Task 4

A finger cylinder is 8 mm wide at the knuckle and 5 mm wide at the tip. The palm width is 50 mm. Compute the taper amount and the knuckle-width-to-palm-width ratio.