Drawing Fingers: Knuckle Landmarks and Proportion Guides

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: An artist measures an x-height of 5 mm. They choose the hypothetical ratio 1.2 : 1.0 : 0.8. Calculate the three segment lengths and the total finger length, then state where each knuckle cross goes.

Answer: Base segment: 1.2 × 5 mm = 6 mm. Middle segment: 1.0 × 5 mm = 5 mm. Tip segment: 0.8 × 5 mm = 4 mm. Total finger length: 6 + 5 + 4 = 15 mm. Place the base knuckle cross at the start, the middle knuckle cross 6 mm along the finger direction, and the tip knuckle cross 6 + 5 = 11 mm along. The fingertip is at 15 mm. Check by measuring each segment with a ruler and confirming the sum equals 15 mm.