Draw Hands and Feet: A Proportion Comparison Method

Original task 1 / independent drawing and calculation

Task 1

A hand has wrist width U = 2.5 cm, total length 10 cm, and palm width 6 cm. A foot has length 15 cm and ball width 8 cm. Compute each measure in U and the hand-to-foot length ratio.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

A foot is 5.5 U long and a hand is 4.0 U long. The palm length is 2.5 U. Describe a side-by-side layout on one page and state one ratio note to write beside the drawings.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

A student draws a hand 3.8 U long and a foot 4.5 U long, but the reference table says hand 4.0 U and foot 5.5 U. Identify the error and give a correction step.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Draw Hands and Feet: A Proportion Comparison Method

Original task 4 / independent drawing and calculation

Task 4

Using U = 3 cm, a hand palm length is 2.7 U and a foot ankle height is 2.0 U. Convert both to centimeters and state which is larger in centimeters.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.