Practice Drawing Trans Structure: Proportion and Contour Guide

Original tasks 1, 2 / independent work

Task 1

A figure is 12 cm tall on your paper. Using a hypothetical 7.5 head-unit proportion, calculate one head unit and the height of the chin landmark from the top. Then state the shoulder landmark height if it sits at 1.4 units.

Task 2

On a drawn figure, shoulder width measures 4.2 cm and hip width measures 5.8 cm. The drawn head unit is 1.5 cm. Are the widths within the trans-structure guideline of one head unit difference? If not, by how much do they exceed it, and what adjustment do you make?

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Original tasks 3, 4 / independent work

Task 3

A figure uses a hypothetical landmark set: chin at 1.0, shoulder at 1.4, waist at 3.0, hip at 3.6, crotch at 4.0, knee at 5.6, ankle at 7.3. The total height is 14.6 cm. Calculate the waist height from the top and the knee height from the top. Then check whether the upper leg from crotch to knee and the lower leg from knee to ankle are equal in units.

Task 4

You are drawing a trans-structure figure with a softened waist. The waist landmark is at 3.0 units and the hip landmark is at 3.6 units. Describe where the contour should begin to change direction at the waist and how far the gradual transition should span, using the head unit as your measure. Then state one checkable measurement to confirm the transition is gradual.