Anime Body Proportion Practice: Head-Count and Limb-Length Guides

Original tasks 1, 2 / independent work

Task 1

A 5H figure is drawn with H = 3 cm. The upper arm is 0.8H and the forearm is 0.7H. Calculate the figure height, the upper arm length in centimeters, and the forearm length in centimeters.

Task 2

A 7H figure has its crotch at 3.5H. The thigh is 1.3H and the lower leg is 1.2H. Calculate the knee height and the ankle height in H units. Then state whether the ankle is above or below the 7H total.

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Original tasks 3, 4 / independent work

Task 3

A figure uses H = 2.5 cm and a total of 6H. The drawn ankle is measured at 14 cm from the top of the head. The planned hip line is 3H, thigh is 1.2H, and lower leg is 1.1H. Calculate the planned ankle height in centimeters and state the difference from the drawn ankle.

Task 4

A 6H figure has H = 4 cm. The upper arm is 1.0H and the forearm is 0.9H. The shoulder is placed at 1.5H. Calculate the elbow height and wrist height in H units and in centimeters. Then check whether the wrist is above or below the 3H hip line.