Draw an Upside-Down Person: Inverted Proportion and Balance Checks

Original tasks 1, 2 / independent work

Task 1

A drawing zone is 12 cm tall. Using the eight-part convention, calculate the part length and the head, torso, and leg section heights. State whether the sum matches the total height.

Task 2

An upside-down figure has shoulder distances of 2.8 cm left and 3.1 cm right from the center line. The chosen tolerance is 0.5 cm. Does the shoulder balance check pass, and what is the difference?

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Original tasks 3, 4 / independent work

Task 3

A student labels the top edge 'head zone' and the bottom edge 'feet zone', then draws the head near the top. Using the lesson convention, identify the orientation error and state the correction.

Task 4

A figure is drawn in a 9 cm tall zone. The student marks head as 2 parts, torso as 3 parts, and legs as 2 parts. Find the part length, the section heights, and the missing part count needed to reach eight parts.