Mermaid Drawing Base: Torso and Tail Guides

Original tasks 1, 2 / independent work

Task 1

On paper, mark a shoulder line and a waist line 8 cm apart. Divide the x-height into three equal parts. State the chest and waist positions in centimeters measured downward from the shoulder line.

Task 2

A base has an x-height of 5 cm and a tail length of 3 times the x-height. The hip line is one part below the waist. Calculate the tail length and the hip line distance below the waist.

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Original tasks 3, 4 / independent work

Task 3

Describe how to check that the left and right transition curves are mirror images at the hip line. Use a hypothetical tolerance of 0.2 cm.

Task 4

A learner draws a tail with a sharp bend halfway along its length. Suggest a fix and a check method using short ruler segments.