Scaled Drawing of a Child: Head-Count Proportion Guide

Original task 1 / blank independent work

Task 1

Draw a child figure at a stated height of 12 cm using a four-head-unit guide. Calculate the head height and state where the shoulders and waist fall.

Independent work / draw, calculate and label your response below.

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Original task 2 / blank independent work

Task 2

A child figure is drawn at 18 cm total height with a head height of 3.6 cm. How many head units does the guide use? Show the arithmetic.

Independent work / draw, calculate and label your response below.

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Original task 3 / blank independent work

Task 3

You want to draw a child at 15 cm using a five-head-unit guide. The grid has squares of 1.5 cm. How many grid squares tall is the figure, and how many squares per head unit?

Independent work / draw, calculate and label your response below.

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Original task 4 / blank independent work

Task 4

A drawing measures 14 cm total height but was intended to be 15 cm with five head units. What head height should have been used, and what is the actual head height if the drawing used 2.8 cm per head unit?

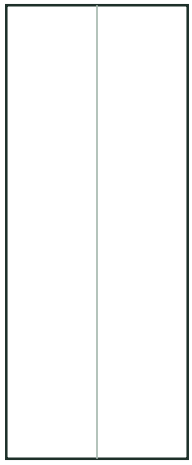
Independent work / draw, calculate and label your response below.

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Task 1 / given measured construction

Task 1 / Given total-height guide / leave the figure and head-unit calculation blank

Measured construction guide. Only labelled dimensions are fixed; use the original task for all other instructions.



height: 12 cm

Printed physical lengths = source-labelled lengths x 1/2.