Draw a Family Tree with Branch Layout and Generational Tiers

Original tasks 1, 2 / independent work

Task 1

A page has a usable tier width of 200 mm. You want four name-slot boxes of 35 mm width with 8 mm gaps. Does the tier fit? Show the arithmetic.

Task 2

You have three tiers with row heights of 50 mm, 50 mm, and 50 mm, and two gaps of 12 mm between tiers. The paper height is 297 mm and you reserve 40 mm for a title and 30 mm for notes. Does the layout fit?

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Original tasks 3, 4 / independent work

Task 3

A middle-tier connector must branch to three child boxes. The child boxes are 40 mm wide with 10 mm gaps, centered under the connector. Describe where the horizontal spread line should start and end relative to the child boxes.

Task 4

You are drawing a name slot 40 mm wide and 12 mm tall. A name written in print has lowercase letters that rise 5 mm above the baseline. Where should the midline be, and does the name fit below it?