Draw the Philadelphia Skyline: Landmark Shapes and Layering

Original tasks 1, 2 / independent work

Task 1

Plan a three-layer skyline on a 24 cm by 18 cm frame. The tallest landmark has a width of 3 cm and a height-to-width ratio of 4:1. Calculate its height and state whether it fits with a 2 cm top margin and a 3 cm ground margin.

Task 2

A drawing has a far band at light tone, a middle band at medium tone, and a near band at firm tone. The near band overlaps the middle band, but the middle band does not overlap the far band. Describe one change that would improve the layering and explain why.

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Original tasks 3, 4 / independent work

Task 3

You are labeling three landmarks. Using the convention that x-height is baseline to midline, describe how to keep labels consistent when letter styles vary. Then state one check you would use.

Task 4

A skyline frame is 30 cm wide. The far band occupies 10 cm of width, the middle band occupies 12 cm, and the near band occupies 8 cm. These bands overlap, so the total drawn width is not simply the sum. Explain why the sum is not the drawn width and give a simple check for whether the skyline fills the frame.