Draw a Large Family Group: Spacing, Overlap, and Relative Heights

Original tasks 1, 2 / independent work

Task 1

A learner plans four figures with heights 9, 8, 6, and 3 grid squares. The tallest and shortest differ by 6 squares. Is this range more than half the tallest height? Show the arithmetic and state whether the range is moderate.

Task 2

Two adjacent figures are planned with widths 4 and 6 grid squares. They overlap by 2 squares. Is the overlap no more than one-third of the narrower figure's width? Show the arithmetic.

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Original tasks 3, 4 / independent work

Task 3

A group has five figures. Planned overlaps are: pair 1 overlaps by 1 square, pair 2 overlaps by 2 squares, and the remaining adjacent pairs have clear gaps of 1 square each. Count the overlapping pairs and the clear gaps. Does the plan meet the mix of at least two overlaps and at least one clear gap?

Task 4

A foreground figure overlaps a background figure by 3 squares at the torso. The background figure's head is fully visible, but its left shoulder is covered. Does the background figure keep at least one clear identifying edge? Name the edge and state whether the overlap placement is acceptable.