Contour Line Chrysanthemum: Petal Steps and Layering

Original tasks 1, 2 / independent work

Task 1

A page is 180 mm wide and 240 mm tall. You center a bloom with a 90 mm diameter. Calculate the left and right margins and the top and bottom margins.

Task 2

You plan 12 outer petals and 9 middle petals. Each middle petal overlaps exactly two outer petals. How many overlap steps are needed for the middle layer?

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Original tasks 3, 4 / independent work

Task 3

A drawn bloom measures 118 mm at its widest span. The planned diameter was 120 mm and the chosen tolerance is plus or minus 5 mm. Is the span within tolerance? Show the difference.

Task 4

You draw a front petal edge that crosses a back petal edge. Describe the step in words and state one check that confirms the step is clean.