# Decorative Motif Drawing: Repeating Patterns and Border Variations

Original tasks 1, 2 / independent work

## Task 1

A 12 cm by 8 cm panel uses a 2 cm grid. How many motif cells fit across the width and height, and what is the total motif count?

## Task 2

A border strip is planned at 1.5 cm. On a 10 cm side, where are the two parallel border lines measured from the edge?

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Original tasks 3, 4 / independent work

## Task 3

A dotted border uses dots at half-motif spacing. If the motif width is 2 cm and the side is 12 cm, how many dot intervals and how many dots along that side if dots are placed at each interval boundary including both ends?

## Task 4

A scalloped border uses half-circles with diameter equal to motif width. For a 2 cm motif on an 8 cm side, how many full scallops fit, and what is the radius?