Draw Realistic Snake Scales: Overlapping Rows and Tattoo Layout

Original tasks 1, 2 / independent work

Task 1

A straight body section is 80 mm long. Dorsal scales are 5 mm wide and belly scales are 10 mm wide (hypothetical). How many scales fit in one dorsal row and one belly row, and which row has fewer?

Task 2

You draw a row of 12 flank scales, each 7 mm wide (hypothetical), along a curve. What total length does the row cover? If the curve is 90 mm long, how much length remains uncovered?

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Original tasks 3, 4 / independent work

Task 3

A tattoo layout box is 60 mm wide. You plan three bands: dorsal 20 mm, flank 25 mm, belly 15 mm. Do the bands fit inside the box, and how much margin remains if you center them?

Task 4

In a dorsal row you count 18 scales over 72 mm. In a belly row you count 9 scales over the same 72 mm. What are the average scale widths, and does the size progression follow the convention?