Lizard Scale Patterns: Banding and Spotting Drawing Guide

Original task 1 / independent drawing and calculation

Task 1

On a 16 cm lizard drawing, the dorsal zone is 24 mm wide and you choose a hypothetical dorsal scale width of 4 mm. How many full scales fit across one dorsal row, and what remains at the edge?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

A flank zone is 42 mm wide with hypothetical 7 mm scales. You plan bands every four scale rows and want three spot clusters in the gaps. State the number of scales per flank row and whether three spot clusters can fit in two gaps between three bands.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

A limb is 27 mm wide with hypothetical 3 mm scales. You draw nine scales in the first row and offset the second row by half a scale width. What offset distance do you use, and how many scales fit in the second row if the edge half-scales count as one full scale each?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

You have drawn four bands across a torso with five scale rows between each band. A spot cluster is placed on the third scale row after the second band. Does it sit in a gap, and how many full gaps exist between four bands?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.