Draw Realistic Overlapping Scales with a Skin Transition

Original task 1 / independent drawing and calculation

Task 1

On a blank strip, draw one row of five scales. Use an x-height of 6 mm for every scale and an overlap depth of 2 mm. Describe where the shadow line goes for each scale.

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 transition band has scales with x-heights of 3 mm, 4 mm, 5 mm, and 6 mm. The shadows fade within 1 mm, 1.5 mm, 2 mm, and 2.5 mm respectively. Is the transition gradual? Explain using the numbers.

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.

Draw Realistic Overlapping Scales with a Skin Transition

Original task 3 / independent drawing and calculation

Task 3

You draw a full-row strip with three rows. Each scale is 9 mm x-height. You want an overlap depth of about one-third. What overlap depth should you aim for, and how would you check it on the middle row?

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.

Draw Realistic Overlapping Scales with a Skin Transition

Original task 4 / independent drawing and calculation

Task 4

A learner's transition band shows a hard line between bare skin and the first scale. The first scale is 7 mm x-height with a 3 mm shadow fade. Suggest two changes that would soften the transition, using numbers.

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.