Fish Scales vs Feathers: Side-by-Side Overlap Drawing

Original task 1 / independent drawing and calculation

Task 1

Draw two rows of fish scales on a baseline. Use arcs about 2 cm wide. The second row must overlap the first row correctly. State the overlap direction.

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

Draw three feathers stacked vertically. Each feather is about 4 cm long. The base of each upper feather must overlap the tip of the feather below. State the overlap direction.

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 student draws scales with upward overlap and feathers with downward overlap. Identify both errors and state the correct overlap direction for each texture.

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

On a 12 cm by 8 cm panel, plan a scale texture with arcs about 1.5 cm wide. How many arcs fit in one row across the 12 cm width? Show your arithmetic.

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.