Draw Feathers with Layered Vane and Pencil-Stroke Construction

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A practice feather is 12 cm long with a shaft tapered from 2 mm at the base to 1 mm at the tip. The vane is built in four overlapping bands, each about 3 cm long along the shaft. If the first band overlaps the second by 1 cm, how much of the second band remains uncovered?

Answer: 2 cm of the second band remains uncovered.

Reason: Each band is 3 cm long. An overlap of 1 cm means 3 minus 1 equals 2 cm of the second band is not covered by the first band. This is simple arithmetic using the hypothetical band length; measure your own drawing to check actual overlaps.