Realistic Phoenix Drawing: Feather Anatomy and Shading

Original tasks 1, 2 / independent work

Task 1

A wing has 3 covert feathers, 5 secondaries, and 4 primaries. How many wing feathers are drawn in total?

Task 2

On 20 cm paper, a 2 mm overlap band is used. If 6 overlap edges are shaded, what total band length is shaded along those edges?

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Original tasks 3, 4 / independent work

Task 3

A tail fan has a longest plume of 9 cm. What is the maximum allowed length of a shorter plume if variation stays within one third of the longest?

Task 4

You draw 7 tail plumes with overlap order: center on top, then alternating left and right beneath. If the center plume is number 1, how many plumes are beneath it?