Draw a Parakeet: Body Oval, Wing Shape, and Tail Length

Original tasks 1, 2 / independent work

Task 1

A body oval has a long axis of 9 cm and a short axis of 5 cm. The learner chooses a tail ratio of 1.4. Calculate the tail length and state one check that confirms the tail is proportional.

Task 2

A wing has maximum width 2.4 cm and the body short axis is 6 cm. Does the wing width pass the check that maximum width is about half the body short axis? Show the arithmetic.

Draw a Parakeet: Body Oval, Wing Shape, and Tail Length

Original tasks 3, 4 / independent work

Task 3

A learner draws a body oval with long axis 8 cm and a wing centerline of 9 cm starting at the shoulder. Explain why the wing tip may pass the body tail end and give one fix using the stated values.

Task 4

A drawing uses a body long axis of 7 cm, a tail length of 8.4 cm, and a tail centerline angled 8 degrees from the body axis. Check the tail ratio and the angle limit, showing both calculations or comparisons.