Contour Line Chameleon: Observation Drawing Guide

Original tasks 1, 2 / independent work

Task 1

A reference chameleon body length is 150 mm and its casque height above the back is 20 mm. You draw at a scale ratio of 0.6. What casque height should you aim for in your drawing?

Task 2

On a reference, the distance from eye turret centre to tail base is 90 mm. Your drawing uses a scale ratio of 0.75. What distance should you check for on your drawing?

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Original tasks 3, 4 / independent work

Task 3

A reference tail spiral has 2.5 visible turns and a width of 40 mm. Your panel allows a tail spiral width of 28 mm. How many turns should you aim to show, and what is the scale ratio?

Task 4

You measure three distances on your drawing: 50 mm, 35 mm, and 22 mm. Your scale ratio is 0.5. What are the corresponding reference distances?