Poinsettia Contour Drawing: Compare Bract and Leaf Edges

Original tasks 1, 2 / independent work

Task 1

A poinsettia has a bract span of 16 cm and a leaf span of 8 cm. Your drawing shows a bract span of 14 cm and a leaf span of 8 cm. Compute both ratios and decide whether the drawing is within a tolerance of 0.15.

Task 2

Describe how you would draw a leaf edge that has five shallow teeth on one side, using the convention that leaf teeth are short direction changes. Include how you would check that the bracts remain distinct.

Poinsettia Contour Drawing: Compare Bract and Leaf Edges

Original tasks 3, 4 / independent work

Task 3

A drawing has a bract span of 11 cm and a leaf span of 7 cm. The subject has a bract span of 13 cm and a leaf span of 8 cm. Compute both ratios and state one specific adjustment that would bring the drawing closer to the subject ratio.

Task 4

You are drawing a poinsettia with three bracts and four leaves. State a drawing order that keeps the stem as an anchor, and explain how you would use the smooth-versus-toothed convention for each part.