Winged Heart Drawing: Symmetric Feather Construction

Original tasks 1, 2 / independent work

Task 1

A heart is 10 cm tall. The upper attachment pair is 3 cm below the top and the lower pair is 5 cm below the top. Mark where the left and right upper attachment points should be if each is 2 cm from the axis.

Task 2

The left inner feather row has four feathers. Their tips are 2 cm, 3 cm, 4 cm, and 5 cm from the axis at heights 3 cm, 4 cm, 5 cm, and 6 cm below the top. List the matching right tip distances and heights.

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Original tasks 3, 4 / independent work

Task 3

A drawing shows five left feathers but only four right feathers. The left tips are at 2, 3, 4, 5, and 6 cm from the axis. What is the simplest correction to restore symmetry?

Task 4

The heart is 12 cm tall and 9 cm wide. The upper attachment pair is 4 cm below the top. A left feather tip is 3 cm from the axis at 4 cm below the top. The right feather tip is drawn 4 cm from the axis at 4 cm below the top. Is the pair symmetric, and what change fixes it?