Drawing Ellipses on Human Form: Cross-Sections for Limbs and Torso

Original tasks 1, 2 / independent work

Task 1

A hypothetical leg section is 10 cm wide and 6 cm deep. State the long and short axes and their ratio.

Task 2

An arm points toward the viewer. Its midpoint section is 7 cm wide and 3 cm deep. A drawn ellipse measures 7 cm by 5 cm. Is the depth correct?

Drawing Ellipses on Human Form: Cross-Sections for Limbs and Torso

Original tasks 3, 4 / independent work

Task 3

A torso leans so its visible width line tilts 20 degrees from horizontal. Describe how to orient the waist ellipse.

Task 4

A hypothetical knee section is 9 cm wide and 9 cm deep. What shape is the ellipse, and what is the ratio?