Draw Anime Eyes in Perspective: Foreshortened Iris and Lash Guide

Original tasks 1, 2 / independent work

Task 1

A head tilts 15 degrees. The iris diameter is 10 mm. Use a compression ratio of 0.8. The near lash is 8 mm. Calculate the iris short axis and the far lash length. Describe where to place the ellipse.

Task 2

A head turns strongly. The iris diameter is 14 mm. Choose a compression ratio of 0.5. The near lash is 12 mm. Calculate the iris short axis and far lash length. Explain how the upper eyelid curve changes on the far side.

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Original tasks 3, 4 / independent work

Task 3

A head tilts 25 degrees. The iris diameter is 9 mm. You want the iris short axis to be 6.3 mm. What compression ratio should you use? The near lash is 7 mm. What is the far lash length?

Task 4

A head tilts 10 degrees. The iris diameter is 11 mm. Use a compression ratio of 0.9. The near lash is 9 mm. Calculate the iris short axis and far lash length. Then describe a trace-paper check to verify the foreshortening.