Cello Drawing: Body Outline, F-Holes, and Bow Geometry

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

Cello Drawing: Body Outline, F-Holes, and Bow Geometry

Worked example / complete source key

A student draws a cello body 24 cm long on the midline. They plan upper-eye level at three-eighths of body length and lower-eye level at five-eighths. Calculate both levels measured from the top of the body.

Answer: Upper-eye level = 3/8 × 24 = 9 cm from the top. Lower-eye level = 5/8 × 24 = 15 cm from the top. The f-hole spans 15 − 9 = 6 cm vertically.