How to Draw Eyes to Scale: Proportional Ratios and Measured Lid Spans

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.

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Worked example / complete source key

A front-facing head box has width W = 20 cm. Use the convention E = W/5, lid span = E, eye height = E/2, and a gap of 1E between the eyes. Calculate E, the lid span, the eye height, the total span of two eyes plus the gap, and the combined side margins.

Answer: E = 20/5 = 4 cm. Lid span = 4 cm. Eye height = 4/2 = 2 cm. Two eyes plus gap = 2E + 1E = 3E = 12 cm. Combined side margins = W - 3E = 20 - 12 = 8 cm, so each side margin is 4 cm if divided equally.