Realistic Owl Face Drawing: Facial Disk, Eye Rings, and Beak Placement

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.

Realistic Owl Face Drawing: Facial Disk, Eye Rings, and Beak Placement

Worked example / complete source key

A face width is 10 cm. Using the convention, find the face height, eye line position from the top, outer eye ring diameter, iris diameter, pupil diameter, beak base width, and beak length. Show the arithmetic.

Answer: Face height = 1.2 × 10 = 12 cm. Eye line from top = 0.45 × 12 = 5.4 cm. Outer eye ring diameter = 0.30 × 10 = 3 cm. Iris diameter = 0.60 × 3 = 1.8 cm. Pupil diameter = 0.35 × 1.8 = 0.63 cm. Beak base width = 0.15 × 10 = 1.5 cm. Beak length = 0.20 × 12 = 2.4 cm. Check: the gap between each eye ring and the beak is about 0.05 × 10 = 0.5 cm, so the two eye rings plus beak base plus gaps should fit within the face width: 3 + 3 + 1.5 + 0.5 + 0.5 = 8.5 cm, leaving 1.5 cm for outer margins, which is consistent.