Metal Ellipse Drawing: Reflection, Highlight, and Shading

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.

Metal Ellipse Drawing: Reflection, Highlight, and Shading

Worked example / complete source key

Draw a metal ellipse with light from the upper right. Use a bounding box 6 cm wide and 4 cm high as a hypothetical example. Place a small highlight in the upper-right quadrant, three curved reflection bands, and a cast shadow to the lower left.

Answer: The ellipse touches the midpoints of the 6 cm by 4 cm box. The highlight is a small white oval in the upper-right quadrant, surrounded by a slightly darker band. Three curved bands follow the contour: lightest near the highlight, mid-value across the center, darkest in the lower-left. The cast shadow extends to the lower left, darkest at the contact point and fading outward. The overall value order is highlight lightest, cast shadow darkest, bands in between.