Easy Ball Drawing: Sphere Shading with Highlight and Cast Shadow

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 circle is 8 cm across. The light arrow points from the upper left. Describe where to place the highlight, core shadow, reflected light, and cast shadow, and give one value check.

Answer: Place the highlight as a small oval on the upper-left area, about 1.6 cm across as a hypothetical example. Put the core shadow as a curved band on the lower-right side, leaving a thin reflected-light strip near the lower-right rim. Draw the cast shadow as a soft oval on the ground plane at the lower right, touching the ball at its base. Value check: the highlight should be the lightest area, the core shadow the darkest on the ball, and the reflected-light strip between them in value.