Draw a Realistic Spherical Ornament with Cap and Highlight

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A student draws a sphere with an 8 cm diameter and a cap 3 cm wide. The light comes from the upper left. Describe where to place the main highlight and one check to confirm the cap is centered.

Answer: Place the main highlight on the upper-left area of the sphere, inside the silhouette and away from the cap. To check centering, draw a vertical line through the sphere's center and confirm the cap's left and right edges are equal distances from that line.