Draw a Realistic Spherical Ornament with Cap and Highlight

Original task 1 / independent drawing and calculation

Task 1

Draw a sphere with a 6 cm diameter and a cap 2 cm wide. Light comes from the upper right. Mark the main highlight and the reflected highlight.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

A drawing has a sphere diameter of 10 cm and a cap width of 5 cm. Is the cap proportion reasonable? Give a hypothetical adjusted width.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Describe how to shade a glossy ornament so the highlight remains visible and the sphere reads as round.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

Draw a cap with a metallic value pattern. List the three value bands and where each goes.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.