Easy Ball Drawing: Sphere Shading with Highlight and Cast Shadow

Original tasks 1, 2 / independent work

Task 1

A circle is 10 cm across. The light arrow points from the upper right. State where the highlight, core shadow, reflected light, and cast shadow should go, and give one size example for the highlight.

Task 2

A ball drawing has its highlight in the center, a dark band on the upper left, and a cast shadow on the upper left. The light arrow points from the upper left. List two corrections and explain the value order you want after correction.

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Original tasks 3, 4 / independent work

Task 3

You are shading a 6 cm circle with light from the upper left. You want a reflected-light strip about 0.5 cm wide near the lower-right rim and a core-shadow band about 1 cm wide inside it. Describe the order of these zones from the lower-right rim inward and state which zone is darkest.

Task 4

A cast shadow is drawn as a hard rectangle on the lower right of a ball lit from the upper left. The rectangle does not touch the ball. Describe two changes to make the cast shadow more convincing and give one value check.