Shaded Solid Drawing: Cube, Sphere, and Cylinder

Original task 1 / independent drawing and calculation

Task 1

Draw a cube with the light arrow pointing from the upper left, using a front square plus top and right side faces. Shade the top face lightest, the right side face middle, and the front face darkest. Add a cast shadow to the lower right. Describe your tone choices in one sentence.

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.

Shaded Solid Drawing: Cube, Sphere, and Cylinder

Original task 2 / independent drawing and calculation

Task 2

Draw a sphere with the light arrow pointing from the upper right. Mark a small highlight near the upper right, shade a middle tone around it, darken the lower left, and add a narrow reflected light near the bottom edge. Add a cast shadow to the lower left.

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.

Shaded Solid Drawing: Cube, Sphere, and Cylinder

Original task 3 / independent drawing and calculation

Task 3

Draw a cylinder with the light arrow pointing from the left. Keep the top ellipse light, shade the curved side with a vertical band that darkens toward the right, and darken the bottom ellipse where it meets the ground. Add a cast shadow to the right.

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.

Shaded Solid Drawing: Cube, Sphere, and Cylinder

Original task 4 / independent drawing and calculation

Task 4

Draw all three solids on one page with a single light arrow pointing from the upper left. Use a five-step value scale you make yourself. Shade each solid consistently and add cast shadows. Then write one sentence explaining how you checked consistency.

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.