Draw 3D Block Letters: Depth Lines and Shading Guide

Original task 1 / independent drawing and calculation

Task 1

Draw a 3D block letter H with depth offset right 10 mm and up 5 mm. State the light direction and shade the visible faces.

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

Draw a 3D block letter T with depth offset left 7 mm and up 4 mm. Use light from the upper right. State which side faces are visible and shade them.

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

Draw a 3D block letter E with depth offset right 6 mm and down 3 mm. Describe how you avoid drawing hidden faces.

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 3D block letter A with a flat top and depth offset right 9 mm and up 5 mm. Use light from upper left. Check parallelism and shading.

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.