Draw a Brick Wall: Courses, Mortar Joints, and Edge Shading

Original task 1 / independent drawing and calculation

Task 1

A panel is 90 mm tall. You want 6 courses. What is the course height?

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 brick is 20 mm long and the joint is 4 mm wide. How many full bricks plus joints fit across a 96 mm panel, and what remains?

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

In a stretcher pattern, course 1 starts with a full brick. Course 2 is offset by half a brick plus half a joint. If the brick is 30 mm and the joint is 6 mm, what is the offset?

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

You shade the right and bottom edges of each brick with light from the upper left. A classmate shades the left and top edges instead. Is that acceptable under the rubric?

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.