Draw a Classical Museum Facade: Portico, Columns, and Steps

Original task 1 / independent drawing and calculation

Task 1

Draw a museum facade 16 cm wide with four columns. Use equal gaps between column centers and 2 cm margins at each end. State the gap 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 2 / independent drawing and calculation

Task 2

A facade has a portico roof 10 cm above the baseline and four step tiers each 1.2 cm high. What is the total step height, and how far below the baseline does the lowest step sit?

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

You want six columns across an 18 cm facade with 1.5 cm margins. What gap width keeps the columns evenly spaced?

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

A student draws a pediment 8 cm wide centered on a 20 cm facade. How far is each pediment edge from the nearest facade edge?

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.