Draw a Rich House Facade: Columns, Gates, and Large Windows

Original tasks 1, 2 / independent work

Task 1

A facade is 16 cm wide with four columns creating three equal bays. Calculate each bay width. If the gate is 4 cm wide and centered, how much space remains on each side of the gate within the central bay?

Task 2

A facade has six columns creating five equal bays. The facade width is 20 cm. Calculate bay width. If each window is 3 cm wide and centered in its bay, what is the side margin in each bay?

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Original tasks 3, 4 / independent work

Task 3

A drawing uses a baseline as zero. A window bottom is at 3 cm above baseline and the window top is at 7 cm above baseline. A second window in another bay has its bottom at 3 cm and top at 6.5 cm. Describe the alignment problem and give one fix using a common guide.

Task 4

A facade is 14 cm wide with four columns creating three bays. The gate is centered and 3.5 cm wide. Calculate bay width and the side space beside the gate in the central bay. Then state one check that confirms the gate is centered.