Draw a Cabin: Roof Pitch, Wall Logs, and Openings

Original task 1 / independent drawing and calculation

Task 1

Draw a front view of a cabin 16 units wide and 10 units tall. Use a roof rise of 4 units above the wall top with a run of 8 units from ridge to wall edge. Use 5 wall logs. Place a door 2 units wide and 6 units tall, starting 1 unit from the left wall edge. Place a window 3 units wide and 2 units tall, centered on the right half of the wall.

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 front view of a cabin 24 units wide and 12 units tall. Use a roof rise of 6 units above the wall top with a run of 12 units from ridge to wall edge. Use 4 wall logs. Place a door 4 units wide and 8 units tall, centered on the wall. Place a window 5 units wide and 3 units tall, starting 2 units from the right wall 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.

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Original task 3 / independent drawing and calculation

Task 3

Draw a front view of a cabin 18 units wide and 9 units tall. Use a roof rise of 3 units above the wall top with a run of 9 units from ridge to wall edge. Use 3 wall logs. Place a door 3 units wide and 6 units tall, starting 3 units from the left wall edge. Place a window 3 units wide and 3 units tall, centered on the right half of the wall.

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 front view of a cabin 20 units wide and 10 units tall. Use a roof rise of 5 units above the wall top with a run of 10 units from ridge to wall edge. Use 5 wall logs. Place a door 3 units wide and 7 units tall, starting 2 units from the left wall edge. Place a window 4 units wide and 2 units tall, starting 2 units from the right wall 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.