Isometric Building Drawing: Walls, Roof Planes, and Window Openings

Original task 1 / independent drawing and calculation

Task 1

Draw an isometric building with a base 3 units along L and 2 units along R, wall height 2 units, and no roof. Place one window on the front-left wall starting 0.5 units from O along L, 0.5 units above the base, width 1 unit along L, height 1 unit vertically.

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 an isometric building with a base 5 units along L and 4 units along R, wall height 3 units, and a flat roof plane covering the whole footprint at height 3 units. Place a window on the front-right wall 1 unit from O along R, 1 unit above the base, width 1 unit along R, height 1 unit vertically.

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 an isometric building with a base 4 units along L and 4 units along R, wall height 2 units, and a ridge at 2 units along R and 3 units high parallel to L. Place two windows on the front-left wall: one at 0.5 units from O along L and 0.5 units above the base, and one at 2 units from O along L and 0.5 units above the base. Each window is 1 unit wide and 1 unit high.

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 an isometric building with a base 6 units along L and 3 units along R, wall height 4 units, and a ridge at 1.5 units along R and 5 units high parallel to L. Place one window on the front-left wall at 1 unit from O along L and 2 units above the base, width 2 units along L, height 1 unit vertically. Place one window on the front-right wall at 1 unit from O along R and 2 units above the base, width 1 unit along R, height 1 unit vertically.

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.