Draw an Elevator Cab with Open Doors and Floor Lines

Original task 1 / independent drawing and calculation

Task 1

Draw a front-view elevator cab with a cab frame 10 cm wide and 8 cm tall. The door opening is 5 cm wide and centered. Use four parallel floor lines spaced 1.5 cm apart. State your convention and label the threshold.

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 cab with converging floor lines. Place the vanishing point on the midline 3 cm behind the back wall. Draw three floor lines from the threshold to the back wall. The cab frame is 12 cm wide and 9 cm tall; the door opening is 6 cm wide and centered.

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 cab with a door opening 7 cm wide in a 14 cm wide frame. Use five parallel floor lines spaced 1 cm apart. Add two open door panels angled outward. State your convention and check that the door panels do not cross the opening.

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.

Draw an Elevator Cab with Open Doors and Floor Lines

Original task 4 / independent drawing and calculation

Task 4

Draw a cab with a cab frame 9 cm wide and 7 cm tall. The door opening is 4 cm wide and centered. Use three converging floor lines with the vanishing point on the midline 2 cm behind the back wall. Label the threshold and state your convention.

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.