Draw Side View Orthographic Projection

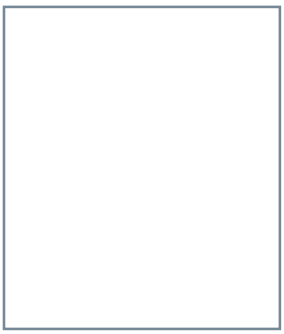
Student | Task 1 of 4 | LETTER

Original prompt

Task 1: Given the front-view reference of a plain rectangular block (a rectangle showing height and width), draw the side-view outline aligned to it with horizontal guides, and state which dimension the side view adds.



Given front view



Right side to draw

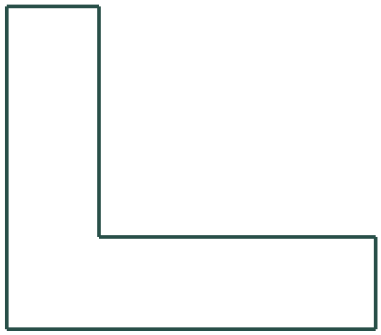
Your drawing and alignment check

Draw Side View Orthographic Projection

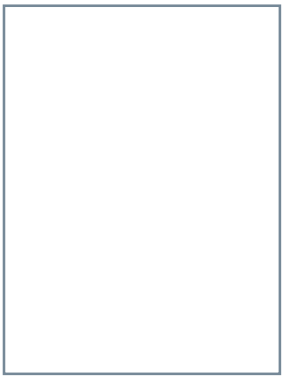
Student | Task 2 of 4 | LETTER

Original prompt

Task 2: Given the front-view reference of an L-shaped bracket (a tall rectangle with a rectangular notch removed from one upper corner, showing full height, step height and width), draw the side view with correct heights carried across by guides, and mark the step height on the side view.



Given front view



Right side to draw

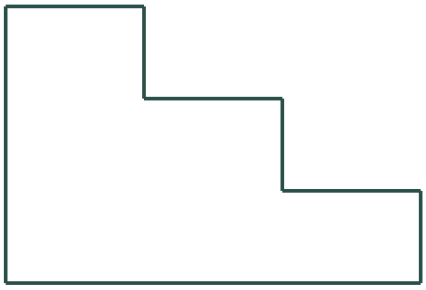
Your drawing and alignment check

Draw Side View Orthographic Projection

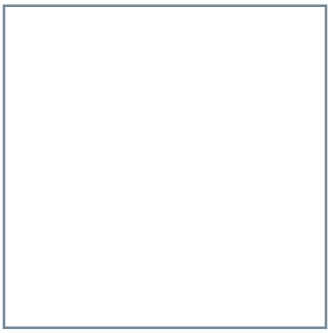
Student | Task 3 of 4 | LETTER

Original prompt

Task 3: Given the front view of a block with two height changes (a rectangle whose top edge has two steps at different levels, showing top height, first change, second change and bottom), construct the side view and add a checking pass that lists each height and confirms it matches the front view.



Given front view



Right side to draw

Your drawing and alignment check

Draw Side View Orthographic Projection

Student | Task 4 of 4 | LETTER

Original prompt

Task 4: Given the front-view reference of a stepped block and a completed side view in which one height is deliberately misaligned, find and correct the misalignment, explaining how the guides reveal the error.



Given front view

Given right view

Your drawing and alignment check