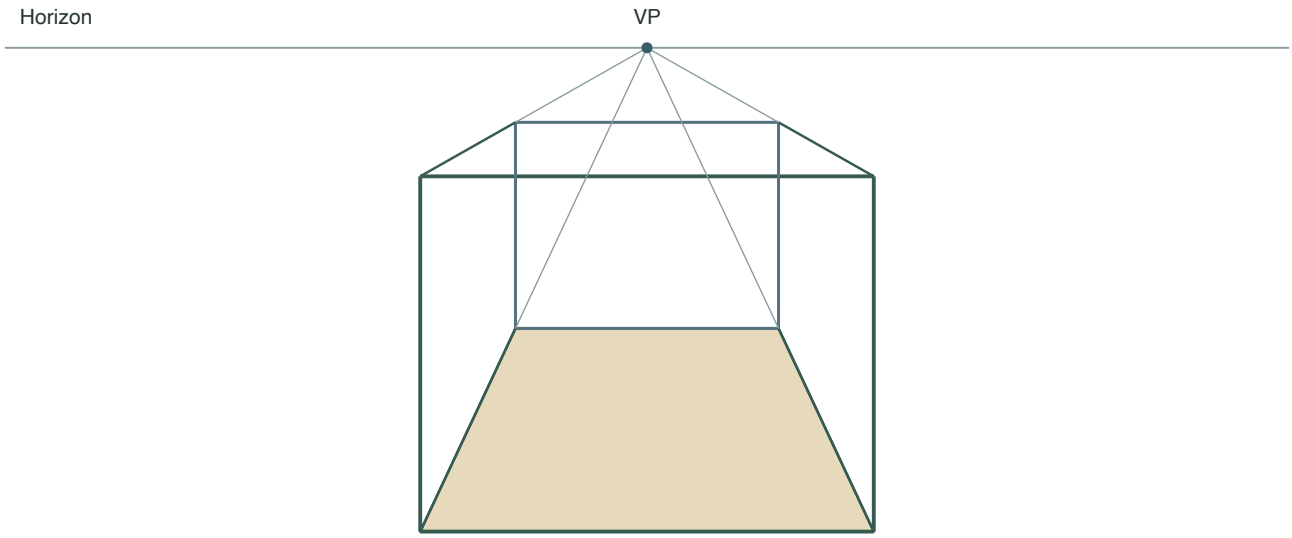
Draw a One-Point Perspective Section

Original prompt

Task 1: Draw a one-point perspective section plate of a single wall with the vanishing point centered on the horizon. Show the cut face, the receding depth edges, the far face, and the floor strip.



Tan floor strip beneath the centered opening

Dark cut outline · blue far outline · light depth guides

Answer

Horizon line with vanishing point at center. Cut face as a rectangle with horizontal and vertical edges. Four receding lines from its corners meeting at the centered vanishing point. Far face smaller, connecting the depth marks. Floor strip shaded between the two faces.

Reasoning

In this centered exercise the cut opening is horizontally centered under the vanishing point. The far outline stays centered left to right. It becomes smaller and shifts upward toward eye level.

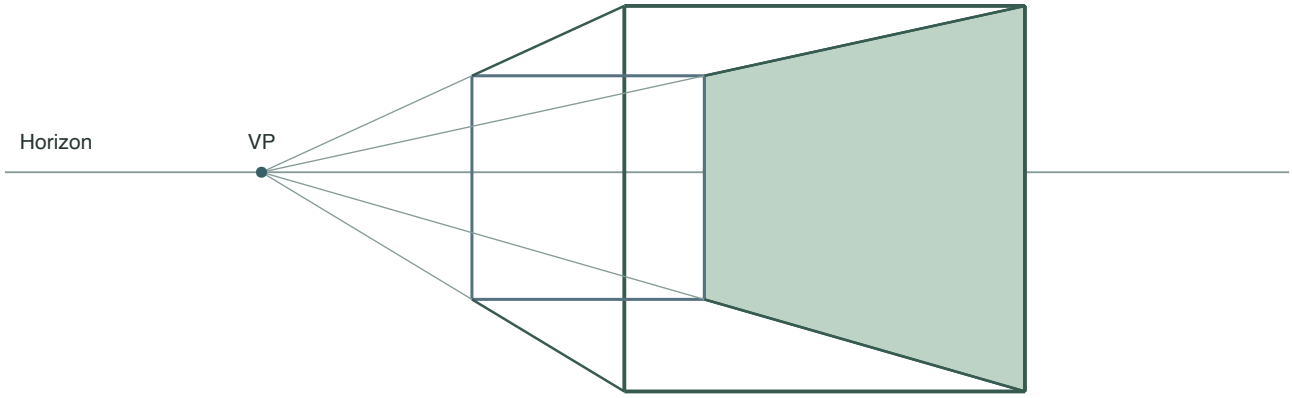
Check

Confirm all four receding edges meet at the centered vanishing point, the far face is smaller than the cut face, and the floor strip closes the bottom of the wall.

Draw a One-Point Perspective Section

Original prompt

Task 2: Draw a one-point perspective section plate of a wall with the vanishing point placed to the left of the cut face. Show the cut face, receding edges, far face, and side strip.



Green right return inside the cut opening

Dark cut outline · blue far outline · light depth guides

Answer

Horizon line with vanishing point to the left. Cut face as a rectangle. Receding lines from its corners converging leftward to the vanishing point. Far face smaller, shifted toward the vanishing point. Side strip shaded between the two faces.

Reasoning

The far rectangle shifts toward the left-hand vanishing point. Connecting its right edge to the matching right cut edge shows the drawn side return.

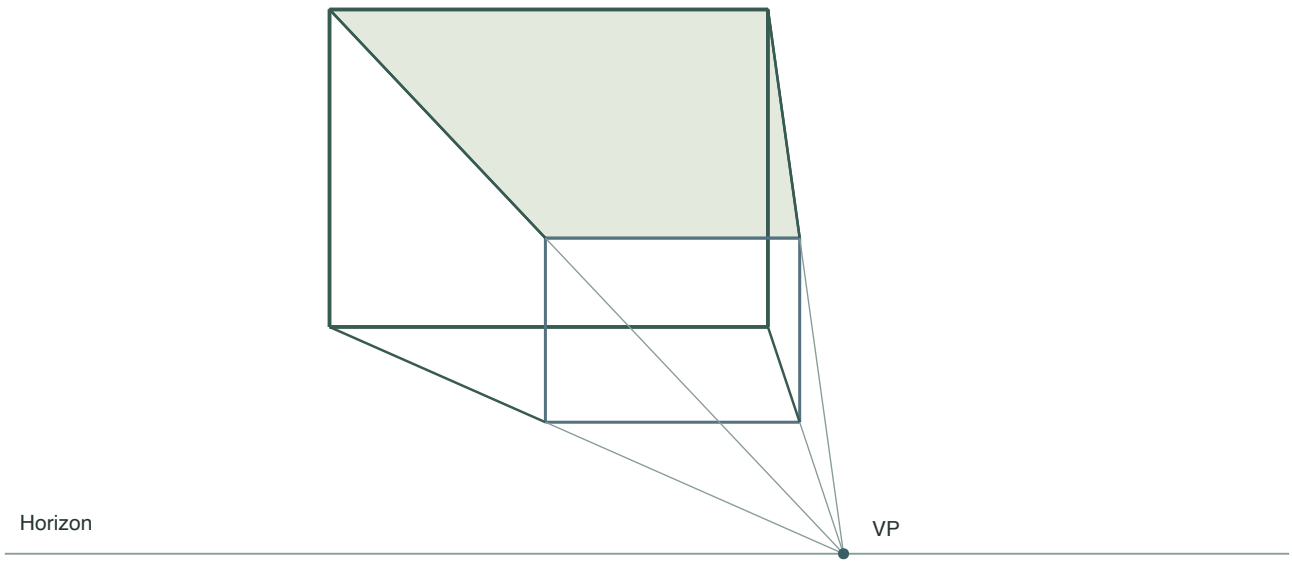
Check

Check that all receding edges point left to the single vanishing point, the far face is smaller and shifted left, and the side strip closes the wall on the right.

Draw a One-Point Perspective Section

Original prompt

Task 3: Draw a one-point perspective section plate with the opening above the horizon, as seen from a low eye. Show the cut face, receding depth edges, smaller far face, and ceiling strip.



Pale ceiling strip above the cut opening

Dark cut outline · blue far outline · light depth guides

Answer

Set the cut opening above the eye-level horizon. Its four depth guides slope or run toward the one lower point. At the common far depth, connect the marks to make a smaller rectangle. Shade the ceiling strip between the two top edges.

Reasoning

The wall opening is above your eye. In the level view the near opening projects above the horizon. As depth increases, the smaller far outline shifts down toward that horizon, revealing the strip between the top edges.

Check

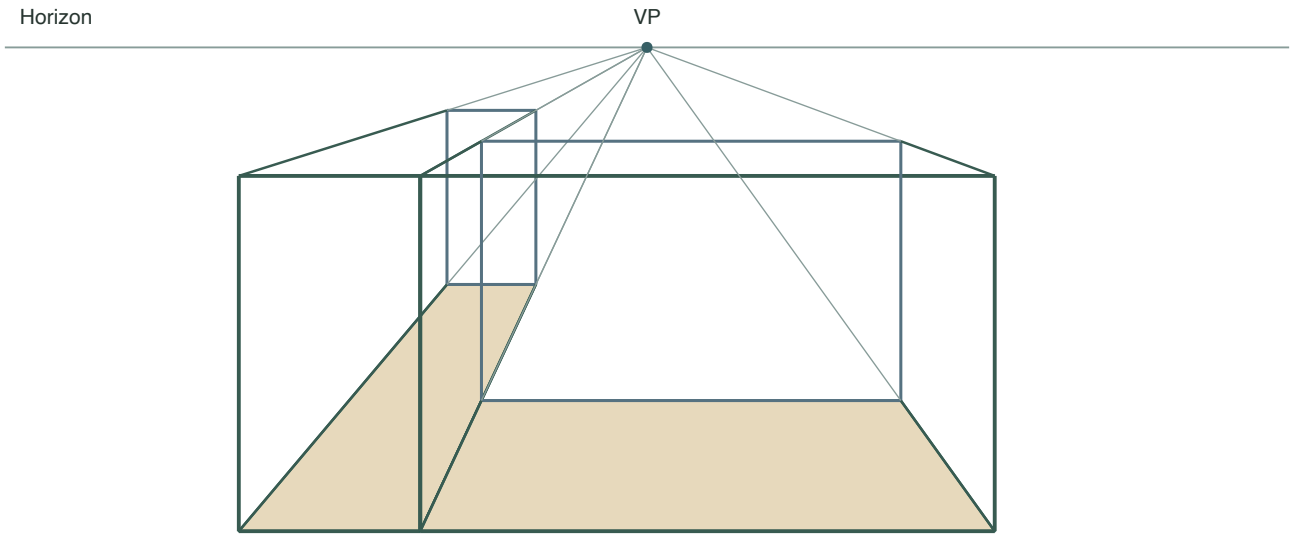
Check that the lower horizon passes through the point, and that all four depth guides descend to it. Confirm that the far outline is smaller and that the shaded strip connects the two top edges.

Draw a One-Point Perspective Section

Answer | Task 4 of 4 | LETTER

Original prompt

Task 4: Draw a one-point section of two walls joined at a corner. Put both cut outlines in one picture-parallel cutting plane. Extend the longer wall return and shorter cross-wall thickness in the same depth direction. Show the two far outlines and both floor strips.



Longer return at left · shallower thickness at right

Dark cut outline · blue far outline · light depth guides

Answer

Draw two neighboring cut rectangles along a shared vertical line. Both are in the same cutting plane. The left return reaches farther back. The shorter cross-wall thickness also recedes toward the marked point. Connect each corner to its own far outline and connect both floor strips.

Reasoning

The narrow left wall runs away from the cutting plane. The adjacent cross-wall spans across the view, so only its thickness runs along that same depth direction. The example uses its shorter thickness for the second far outline. Widths along the cutting plane remain horizontal.

Check

Check the joined upright near edges and the two different far depths. Extend each depth line to the marked point. Check each floor connection and keep the wall-facing horizontal edges level.