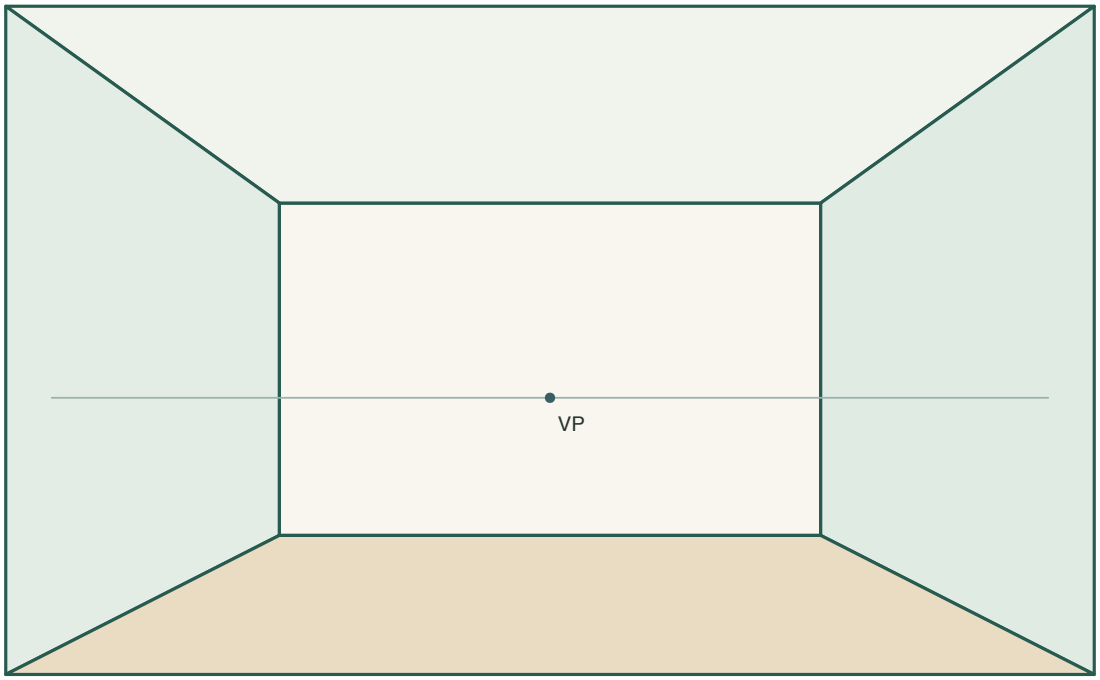
Draw a One-Point Perspective Art Gallery

Answer | Task 1 of 4 | LETTER

Original prompt

Task 1: Draw the eye level, one vanishing point, and the near and far rectangles of a gallery corridor, with the converging wall and floor lines joining them.



Answer

A plate with a horizontal eye level, one vanishing point on it, a large near rectangle with edges parallel to the picture edges, a smaller far rectangle with edges parallel to the picture edges inside it, and four converging lines from the near corners to the vanishing point. Check: all four depth lines meet the single vanishing point and the far rectangle's edges are parallel to the picture edges and sit inside the near opening. These are drawing choices, not measured standards.

Reasoning

The eye level and vanishing point set the depth direction; the near rectangle is the corridor opening; the far rectangle is the corridor end; the four converging lines connect the near corners to the vanishing point and carry the far rectangle's corners.

Check

Trace each depth line to the vanishing point and confirm the far rectangle's edges are parallel to the picture edges and it sits inside the near opening.

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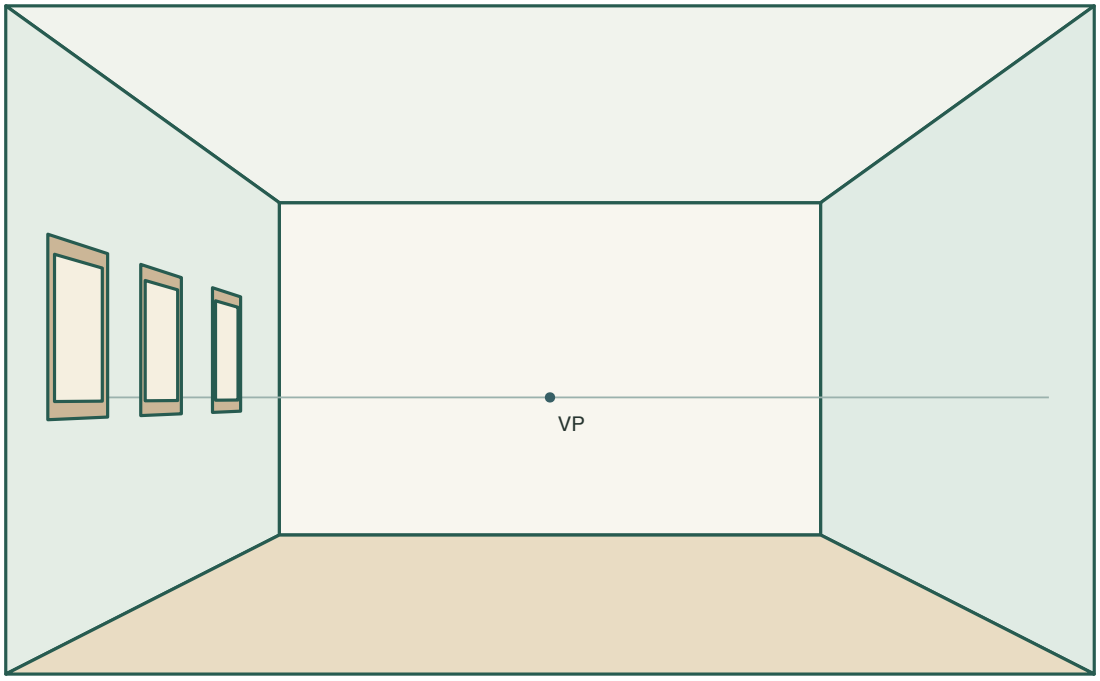
Answer | Task 2 of 4 | LETTER

Original prompt

Task 2: On a corridor plate that already has an eye level, one vanishing point, a near rectangle and a far rectangle with four converging lines, hang three frames on the left wall so each is smaller and closer to the vanishing point than the one in front.



Answer

Three frames on the left wall whose top and bottom edges follow lines to the vanishing point, decreasing in size toward the far end, with the nearest frame largest and the farthest smallest and nearest the vanishing point. Check: all frame depth lines meet the vanishing point and the size order matches the depth order. These are drawing choices, not measured standards.

Reasoning

Frames on a side wall recede along the same convergence as the wall, so their size shrinks with distance and their edges point to the vanishing point.

Check

Trace each frame's top and bottom edges to the vanishing point and confirm the size order matches the depth order.

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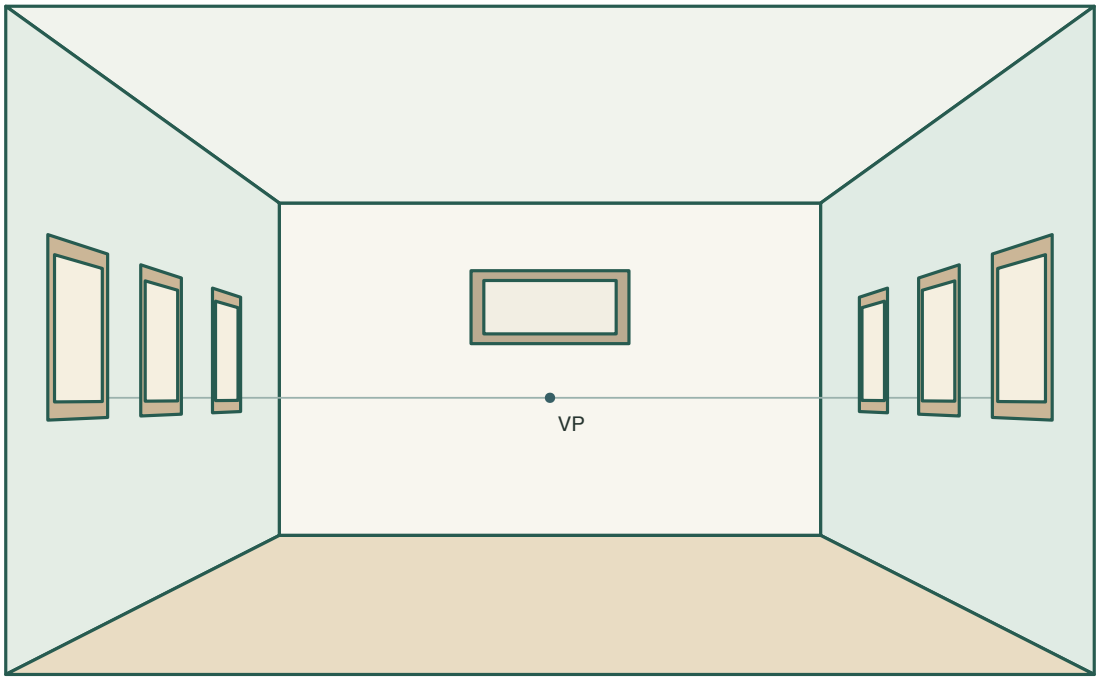
Answer | Task 3 of 4 | LETTER

Original prompt

Task 3: On the supplied empty corridor plate, hang three frames on each side wall. Add one separate framed picture to the flat back wall, then check that the side-wall depth edges still meet the marked point.



Answer

Draw three progressively smaller side frames on each wall and one distinct frontal frame inside the existing back wall. Side-frame top and bottom edges aim at the point; the new frontal frame has level top and bottom edges and upright sides.

Reasoning

The two side walls share one vanishing point. The extra picture lies flat against the back wall, so its edges follow that wall's level and upright directions.

Check

Count three frames on each side and one on the back wall. Extend side depth edges to the marked point and check that the back picture lies inside the existing back-wall frame.

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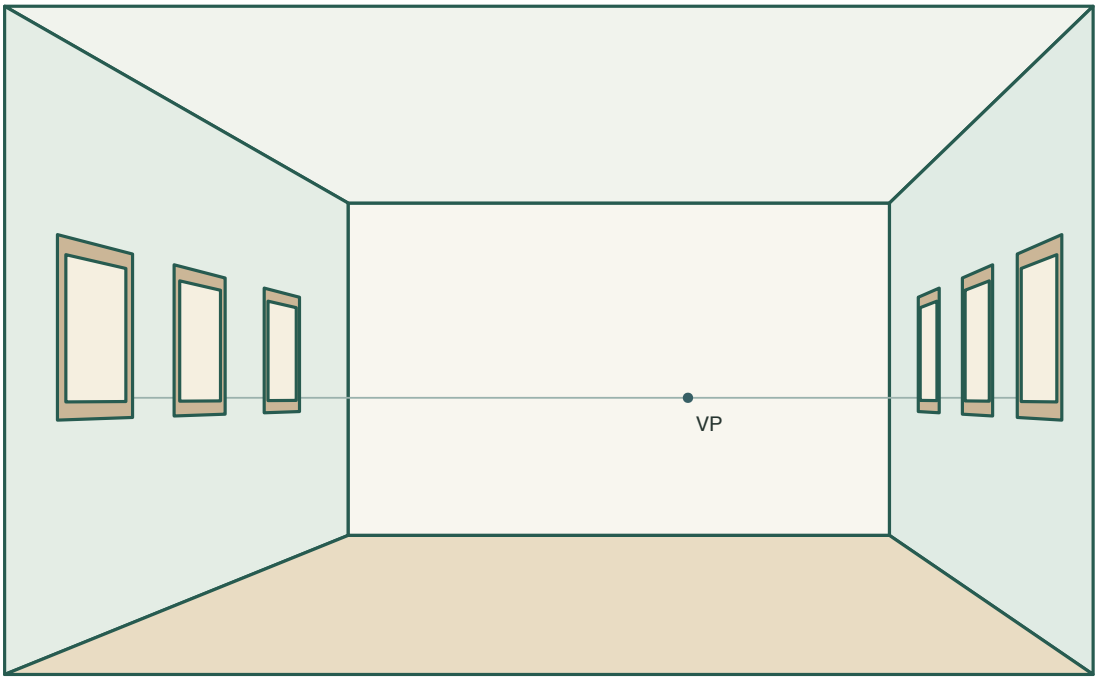
Original prompt

Task 4: Redraw the worked plate from this pack with the point shifted right on the same eye-level line. Rebuild the two corridor rectangles and three frames on each side so the corresponding depth lines meet the new point.



Answer

Keep the eye-level line at the original height and move the point right along it. Rebuild the near and far rectangles along that point's four corner rays. Hang the same three frames on each wall and keep the farther ones smaller.

Reasoning

An offset straight-ahead view keeps the plane of the back wall upright. It changes the widths you see on the left and right, and every depth direction follows the shifted point.

Check

Compare the point positions on the same eye-level line. Trace the new depth lines to the shifted point, check the two upright corridor rectangles and compare frame sizes.