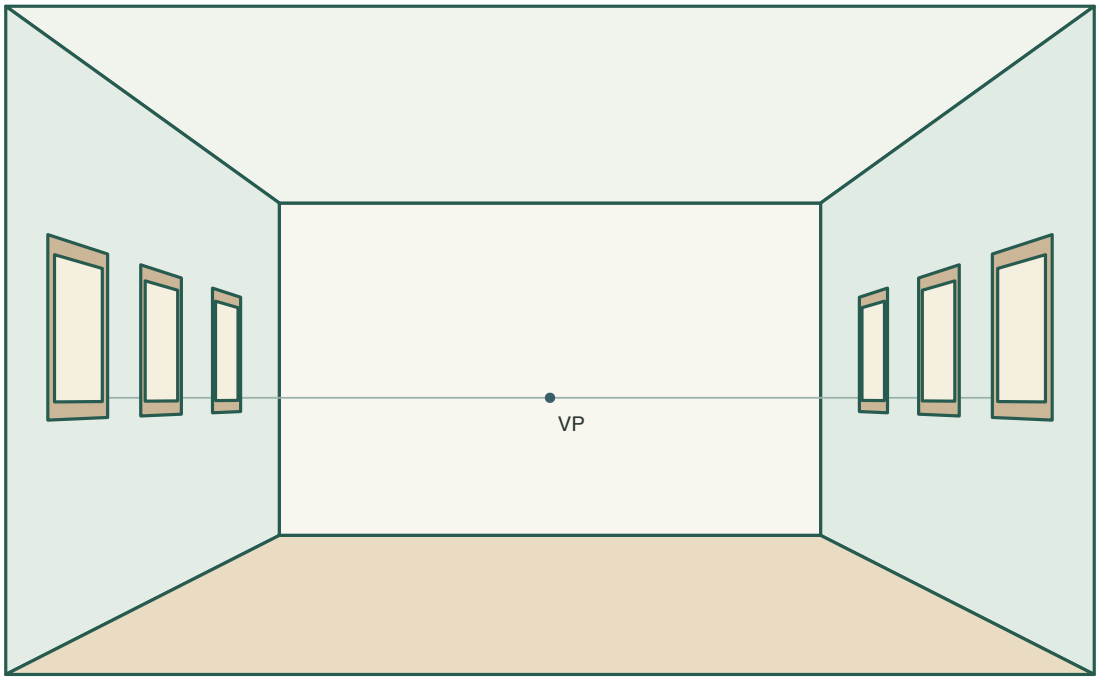
Draw a One-Point Perspective Art Gallery

Reference | Worked gallery | LETTER

Original prompt

Draw a one-point perspective gallery corridor plate with eye level, one vanishing point, near and far rectangles, converging wall and floor lines, and frames on both side walls that shrink toward the vanishing point.



Answer

A plate with a horizontal eye level, one vanishing point on it, a large near rectangle with edges parallel to the picture edges, four converging lines from the near corners to the vanishing point, a smaller far rectangle with edges parallel to the picture edges inside the near opening, and three frames on each side wall, each smaller and nearer the vanishing point than the one in front. Check: all depth lines meet the single vanishing point, the far rectangle's edges are parallel to the picture edges and it sits inside the near opening, and frame size decreases with depth. These are drawing choices, not measured standards.

Reasoning

The eye level and single vanishing point fix the direction of depth; the near and far rectangles set the corridor's opening and end; the four converging lines connect the near corners to the vanishing point and carry the far rectangle's corners; the frames follow the same convergence so their size shrinks with distance. The visual check confirms the construction is consistent.

Check

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