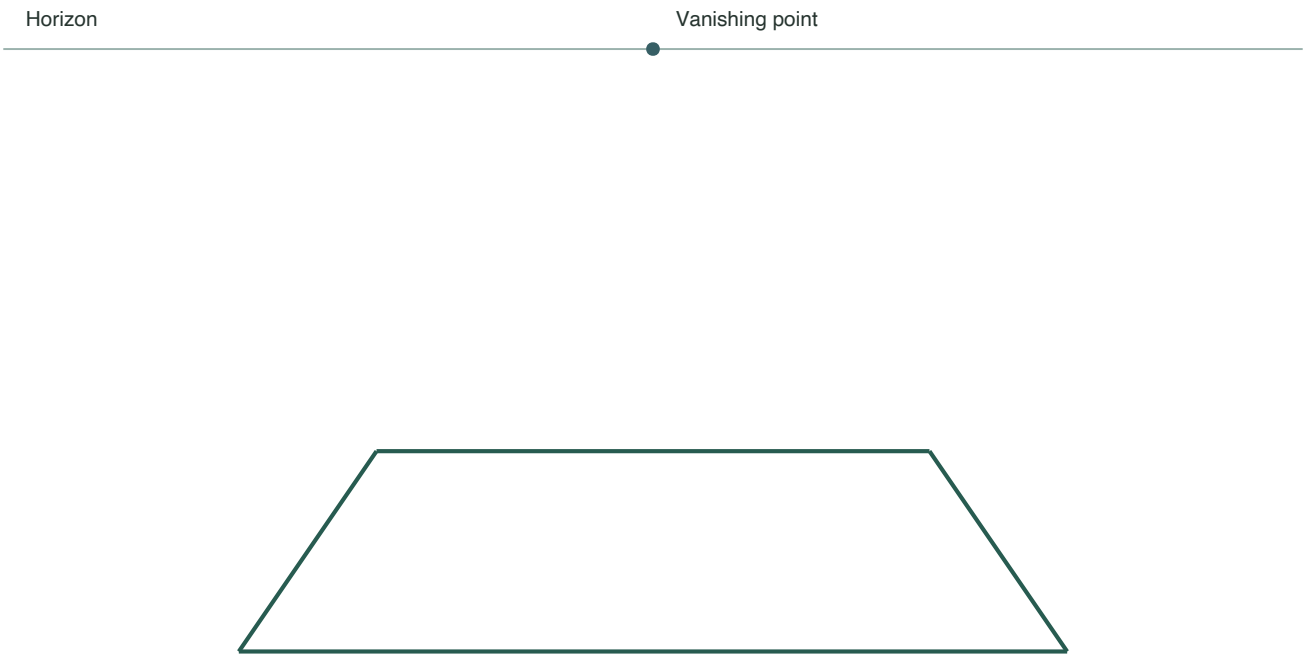
Draw a Rug in One-Point Perspective

Original prompt

Task 1: On a blank page, set a horizon line across the upper middle and mark one vanishing point on it. Draw two recession lines from the lower page toward that point, then close them with a front edge and a back edge parallel to the picture plane to form the rug outline.



Answer

The answer figure shows a horizon line with one vanishing point, two recession lines running from the lower page toward that point, and a front edge and back edge closing the rug outline so it reads as a flat rectangle on the floor.

Reasoning

The rug outline is built from the floor recession: the side edges follow recession lines to the vanishing point, and the front and back edges stay parallel to the picture plane.

Check

Confirm that both side edges meet at the single vanishing point and that the front and back edges are parallel to the picture plane.

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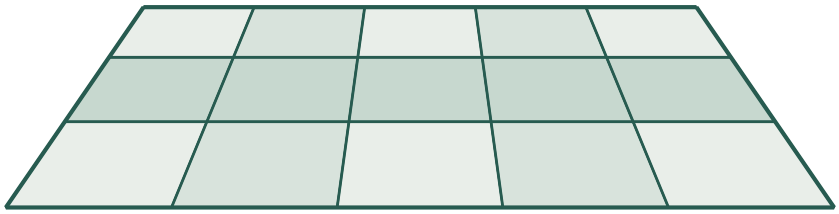
Task 2: On a blank page, first draw a rug outline using the Task 1 method (horizon line, one vanishing point, two recession lines, front and back edges parallel to the picture plane). Then add a simple banded pattern carried across the rug so the depth-running band lines converge to the same vanishing point.





Answer

The answer figure shows a rug outline with a banded pattern carried across it; the band lines that run away from the viewer converge to the same vanishing point, and the bands that run across the rug stay parallel to the picture plane.

Reasoning

Carrying the pattern across the rug outline with the same vanishing point keeps the pattern lying flat on the receding floor instead of looking like a flat stripe pattern.

Check

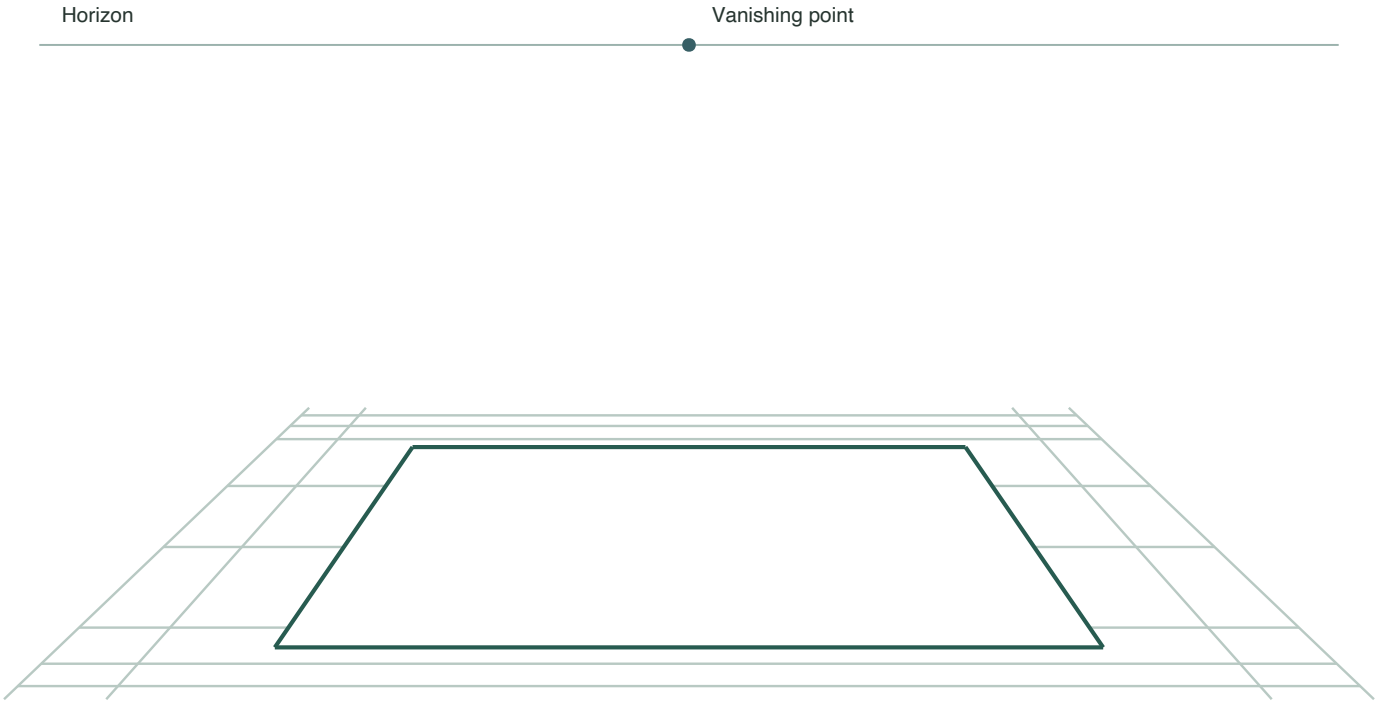
Extend each depth-running band line with a straight edge and confirm it meets the vanishing point; confirm the cross bands stay parallel to the picture plane.

Draw a Rug in One-Point Perspective

Answer | Task 3 of 4 | LETTER

Original prompt

Task 3: On a blank page, first draw a rug outline using the Task 1 method. Then add floor recession lines around the rug so the floor visibly recedes, and check that the rug sits convincingly on that floor.



Answer

The answer figure shows floor recession lines around the rug, all converging to the same vanishing point, with the rug outline sitting on that receding floor.

Reasoning

The floor recession lines share the rug's vanishing point, so the rug and floor read as one continuous receding surface.

Check

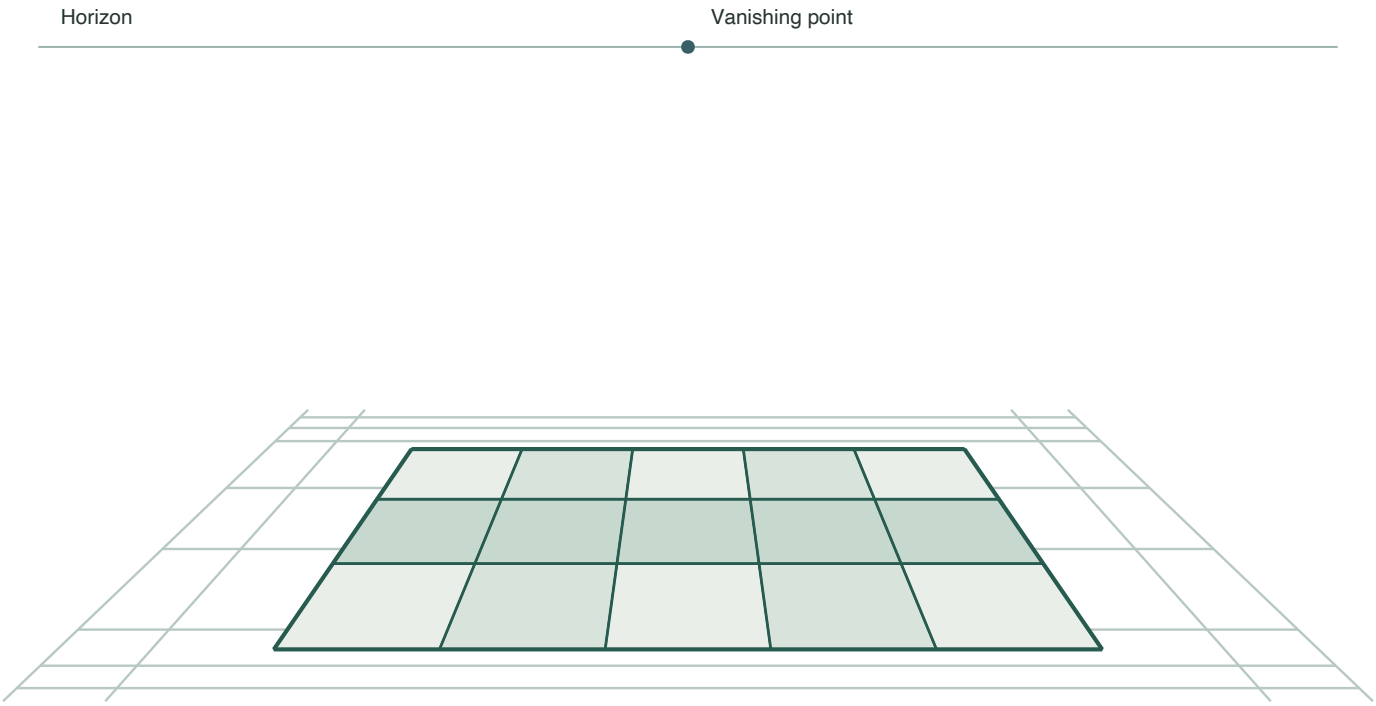
Confirm that the floor recession lines and the rug's side edges all meet at the same vanishing point and that the rug does not appear to float or stand upright.

Draw a Rug in One-Point Perspective

Answer | Task 4 of 4 | LETTER

Original prompt

Task 4: On a blank page, combine the rug outline, floor recession, and rug pattern into one complete drawing using the Task 1 method for the outline, then add floor recession lines and a banded pattern, and perform the visual check.



Answer

The answer figure shows a complete one-point rug: horizon line with one vanishing point, floor recession lines, rug outline, and a rug pattern whose depth lines converge to the same vanishing point, with front and back edges parallel to the picture plane.

Reasoning

Combining the three parts with one shared vanishing point produces a rug that lies flat on a receding floor, which is the required output of the task.

Check

Use a straight edge to confirm that all depth lines in the rug and floor meet at the single vanishing point and that the front and back edges stay parallel to the picture plane.