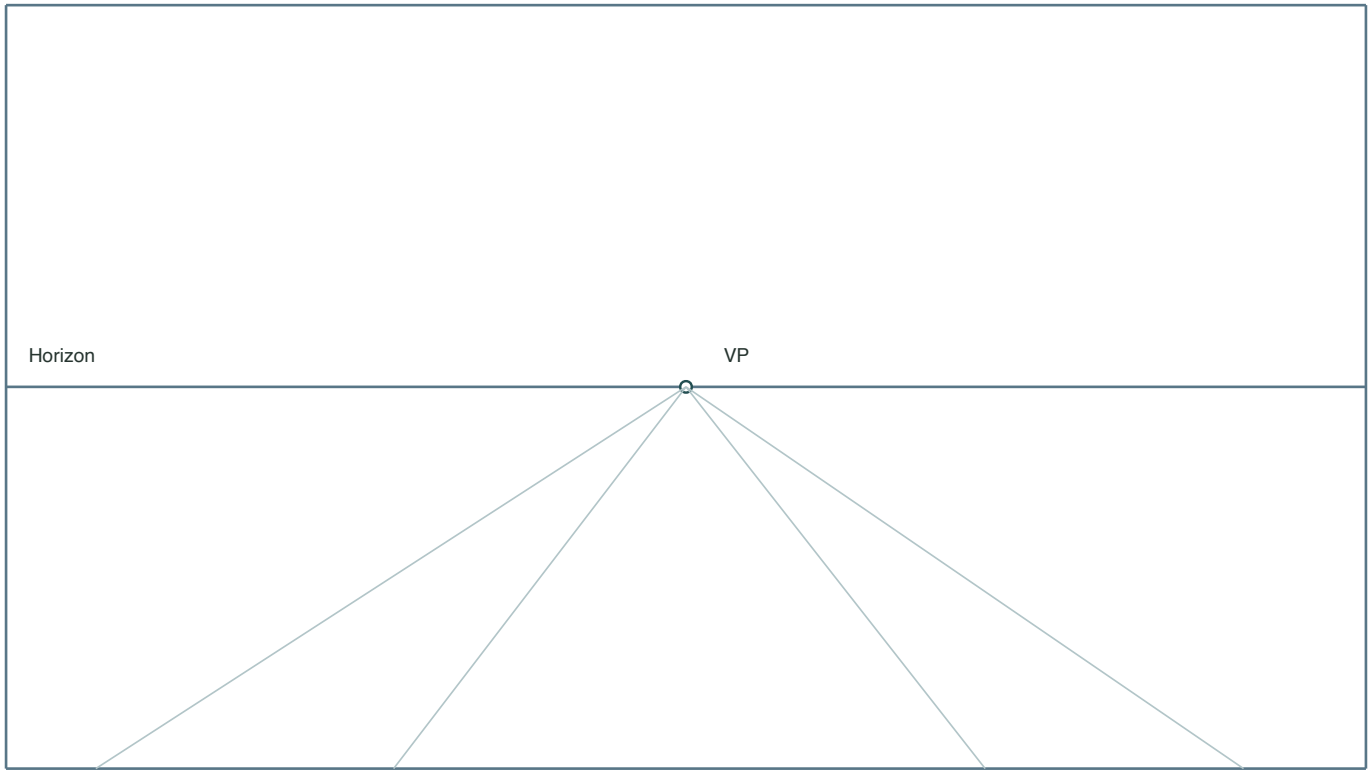
Draw a Market in Perspective

Answer | Task 1 of 4 | LETTER

Original prompt

Task 1: Set up the frame. Draw a horizon line and mark one vanishing point. Then draw four ground lines from the bottom edge that all pass through the vanishing point.



Answer

A horizon line across the page with one marked vanishing point on it, and four straight ground lines from the bottom edge, each passing through the vanishing point, spreading wider at the bottom and narrowing toward the point.

Reasoning

The horizon and vanishing point establish the direction of recession; the ground lines are the tracks the stalls will follow.

Check

Lay a straight edge along each ground line: it should pass through the vanishing point. The lines should be wider apart at the bottom than near the point.

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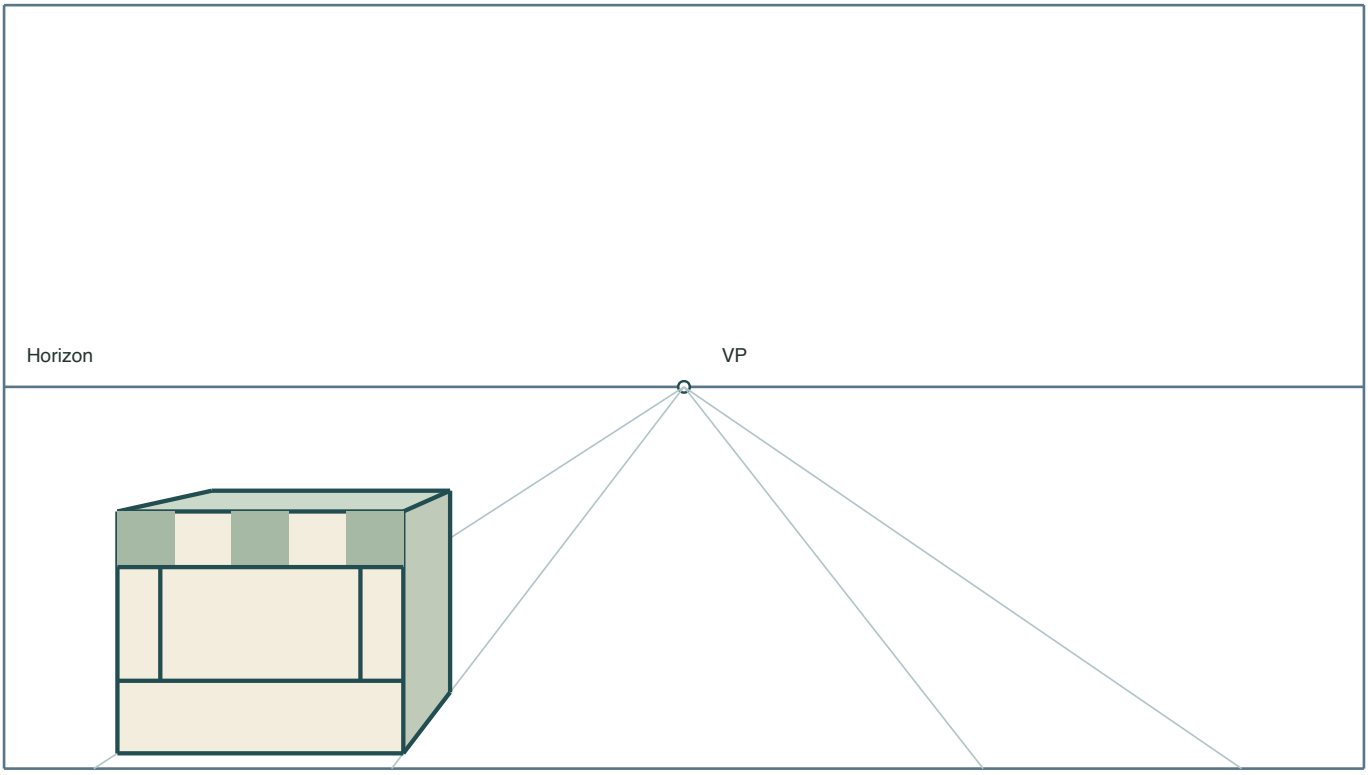
Task 2: Draw one stall front as a rectangle sitting on the widest ground line, low on the page. Then draw its two side edges back toward the vanishing point.



Answer

A wide rectangle low on the page with horizontal top and bottom edges and vertical sides, sitting on the widest ground line, with two side edges from its top and bottom corners running back toward the vanishing point.

Reasoning

The lower depth edge at a ground corner lies on its guide. Both the lower and upper scene edges aim at the shared vanishing point on separate screen lines. The front faces the viewer and stays rectangular.

Check

Check that the front's top and bottom edges are horizontal and its sides vertical. Sight along each side edge: both should pass through the vanishing point.

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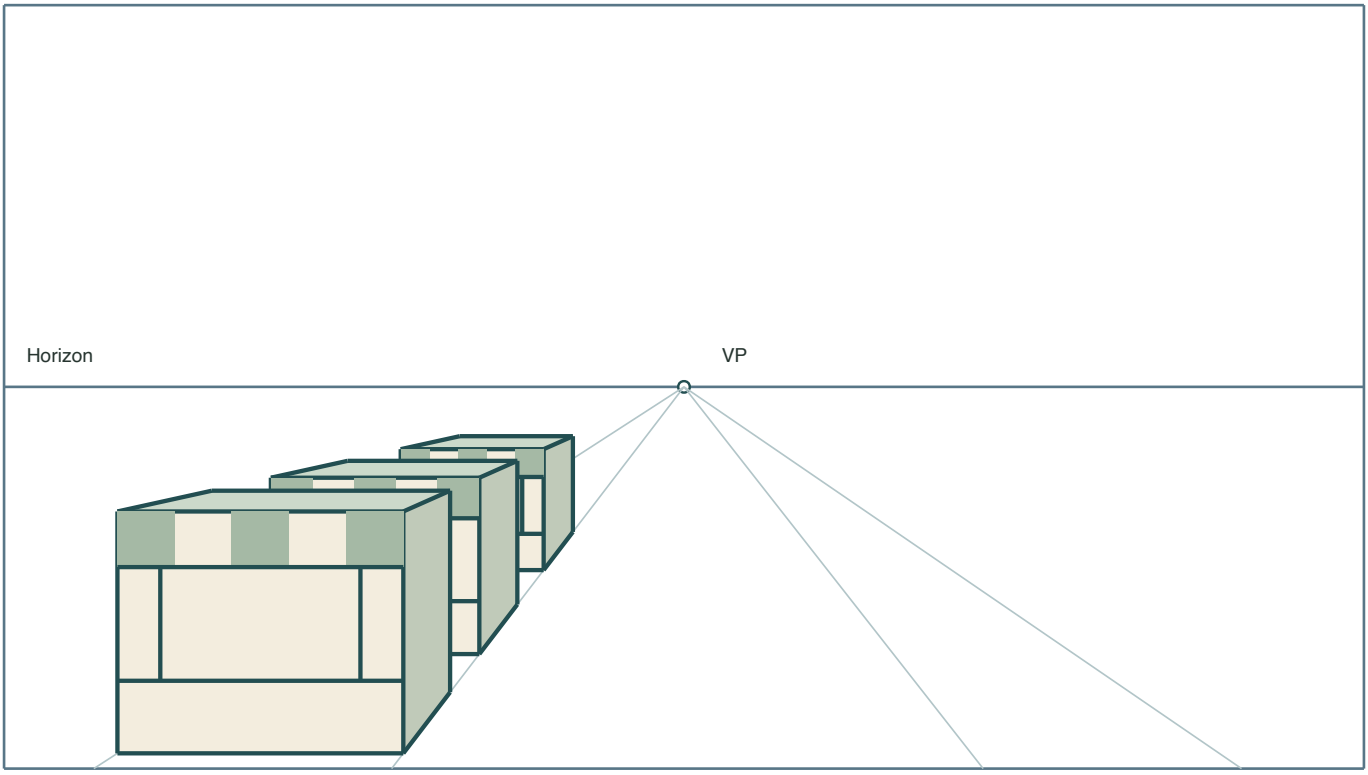
Task 3: Add two more stall fronts farther up the same ground line, each smaller than the one in front, and draw their side edges back toward the vanishing point.



Answer

Add two successively smaller rectangular stall fronts farther up the same guide. Give each a near top and bottom depth edge aimed at the vanishing point. End those edges at their own stall backs and keep a small gap between adjacent stalls.

Reasoning

Recession is shown by making each farther stall front smaller and its side edges shorter, while keeping the fronts rectangular.

Check

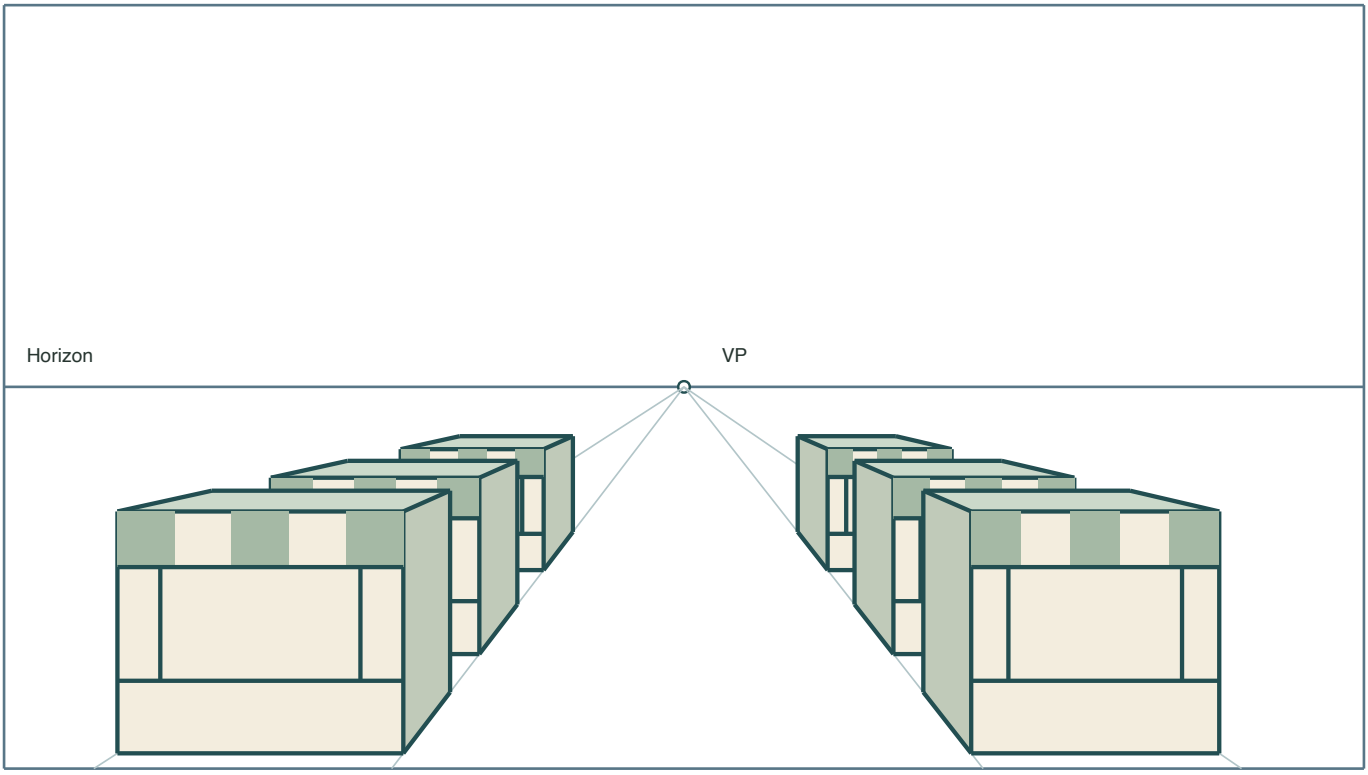
Compare the three fronts: each farther one should be smaller. Sight along every side edge: all should pass through the vanishing point.

Draw a Market in Perspective

Answer | Task 4 of 4 | LETTER

Original prompt

Task 4: Complete the plate by adding a second row of stalls on another ground line, then check the whole plate for converging lines and consistent recession.



Answer

A second row of stall fronts on another ground line, each front rectangular and smaller as it recedes, with side edges running back to the vanishing point. The finished plate shows two rows of stalls receding to one vanishing point, with nearer stalls larger and farther stalls smaller.

Reasoning

A second row tests whether the same construction works on a different ground line and whether the recession stays consistent across the plate.

Check

Sight along every side edge in both rows: all should pass through the vanishing point. Check that stalls farther back are smaller in both rows and that the two rows do not cross.