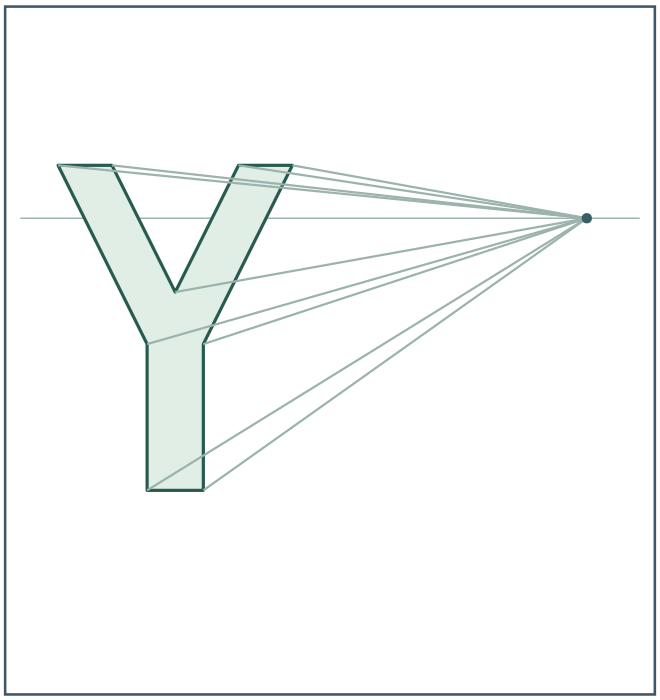
Draw Letter Y in One-Point Perspective

Original prompt

Task 1: Draw a horizon line, mark one vanishing point, draw a thick Y front face, and aim every depth edge at the vanishing point.



Front outline and guides

Answer

A front face of a thick Y with depth lines from its corners all meeting at the marked vanishing point.

Reasoning

Aiming depth edges at one point is the defining rule of one-point perspective.

Check

Lay a straight edge along each depth line; all should pass through the vanishing point.

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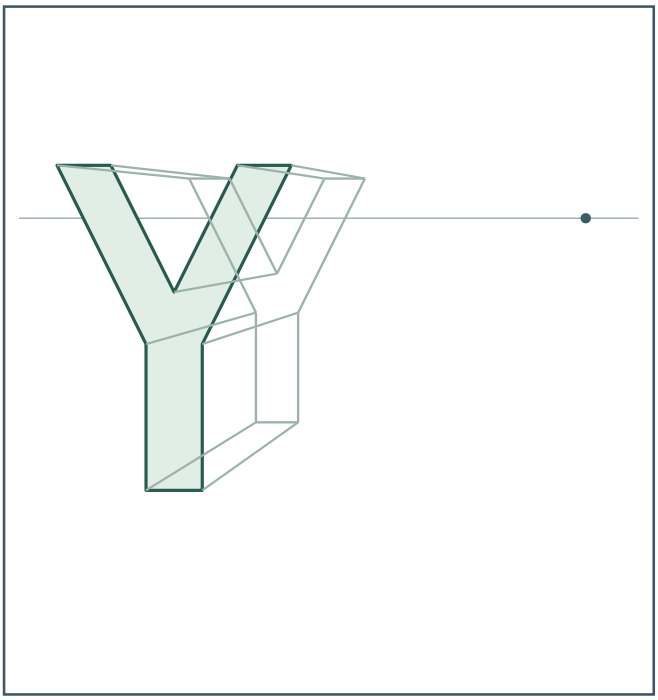
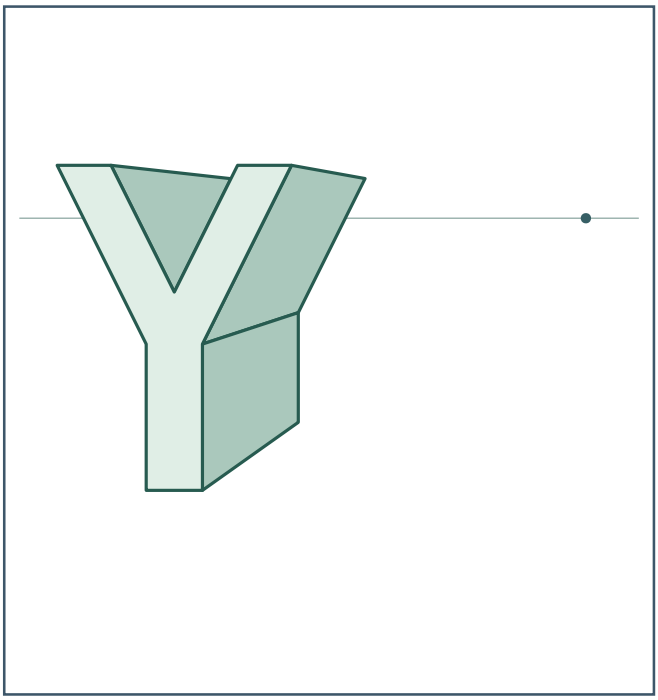
Task 2: Draw a Y front face, then add a back face by marking back corners along the depth lines and connecting them.



Rear outline



Visible surfaces

Answer

A front face, a smaller back face set along the depth lines, and side surfaces joining them, with all depth edges aimed at the vanishing point.

Reasoning

The back face is placed along the depth lines so the solid form recedes consistently.

Check

The back face should be smaller than the front face and lie between the front face and the vanishing point.

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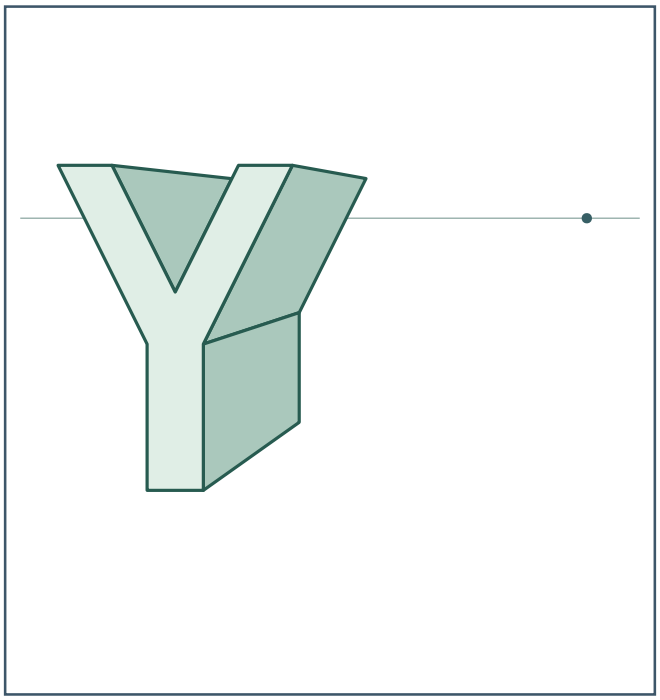
Task 3: Redraw the Y front face from the reference plate, project it to the vanishing point, and complete the solid form.



Completed form

Answer

A completed solid Y matching the reference orientation, with all depth edges converging on the vanishing point.

Reasoning

Redrawing from a reference builds observation, and projecting to the vanishing point builds the depth.

Check

Every depth edge, when extended, should pass through the vanishing point.

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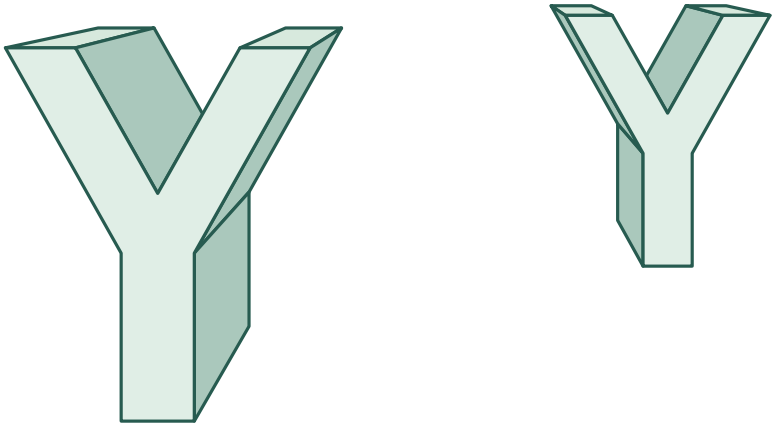
Task 4: Draw two Y forms at different distances from the vanishing point on the same horizon line.



Answer

A nearer Y with a larger front face and longer depth edges, and a farther Y that is smaller with shorter depth edges, both aiming at the same vanishing point.

Reasoning

Use the same physical height, width and thickness for both Ys in this comparison. The second one is farther from the viewer, so it looks smaller while both sets of depth edges still aim at one point.

Check

Both sets of depth edges should converge on the one marked vanishing point.