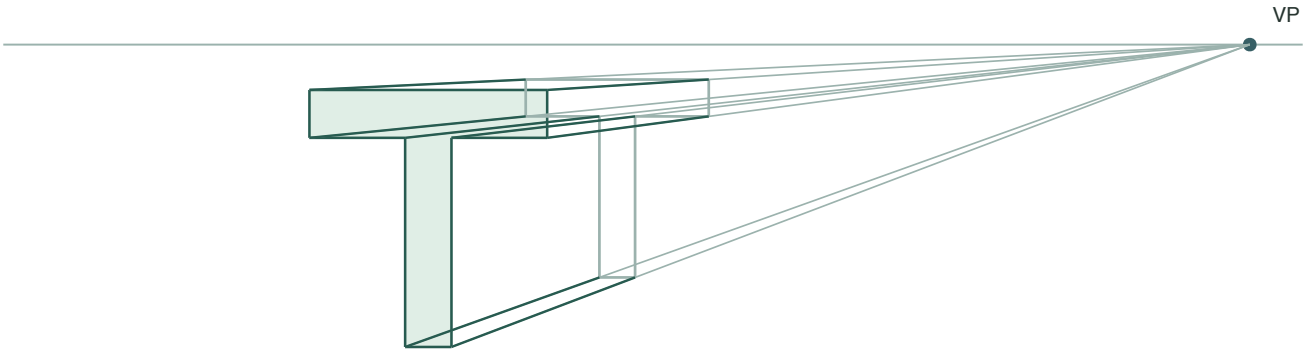
Draw Text in One-Point Perspective

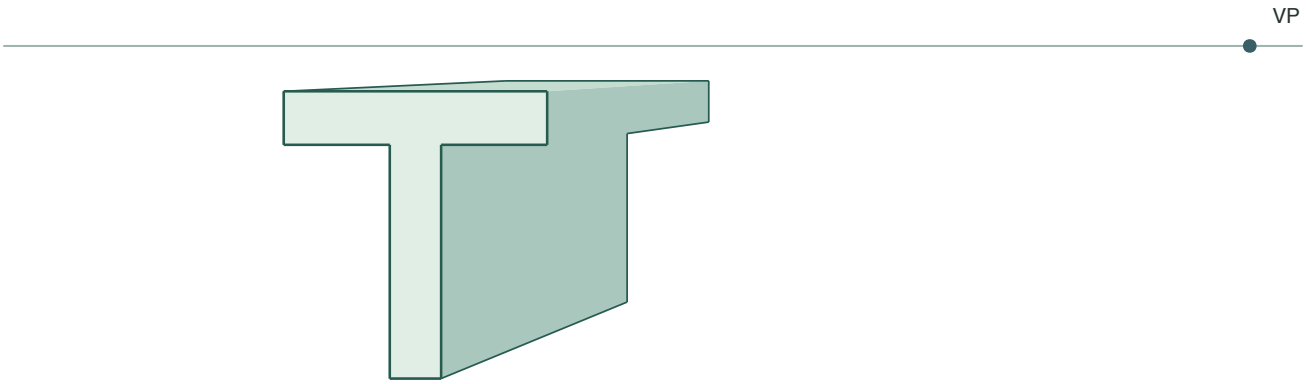
Answer | Task 1 of 4 | LETTER

Original prompt

Task 1: Draw a single block letter T in one-point perspective. Mark the horizon and vanishing point, draw the front T, project its corners to the vanishing point, and complete the back face.



Construction and smaller rear



Clean visible surfaces

Answer

Use a flat block T front, a horizon and one vanishing point. Mark the same fraction on all corner rays to close a smaller parallel T, then darken the visible edges in the clean view.

Reasoning

Using one fraction on the rays makes a smaller matching T. The resulting rear plane remains parallel to the front plane.

Check

Straight-edge check: every depth edge passes through the vanishing point, and the back T is parallel to the front T.

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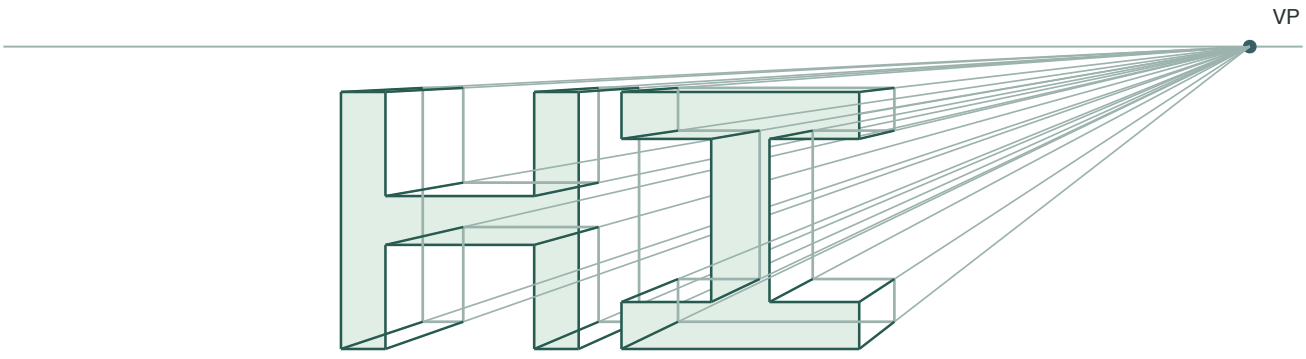
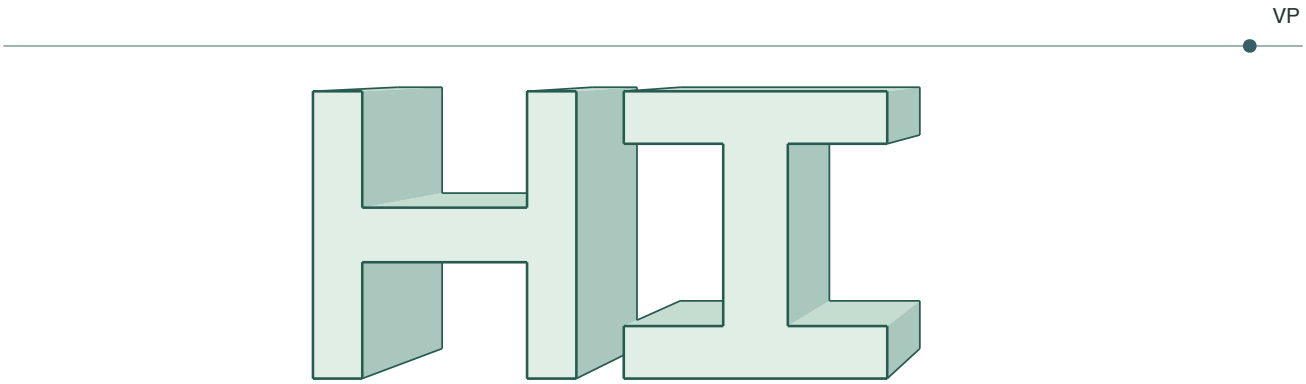
Original prompt

Task 2: Draw two letters, H and I, side by side on the same front plane, both receding to the same vanishing point. Keep their depth distances equal and check that all depth edges aim at the one point.



Construction and smaller rear



Clean visible surfaces

Answer

Show H and I fronts on one plane, one horizon and one vanishing point. Use the same fraction on every guide for both letters and close the parallel rear outlines.

Reasoning

Equal physical depth for two letters starting from the same plane calls for the same scale for their rear faces. It does not call for equal ruler lengths on the printed rays.

Check

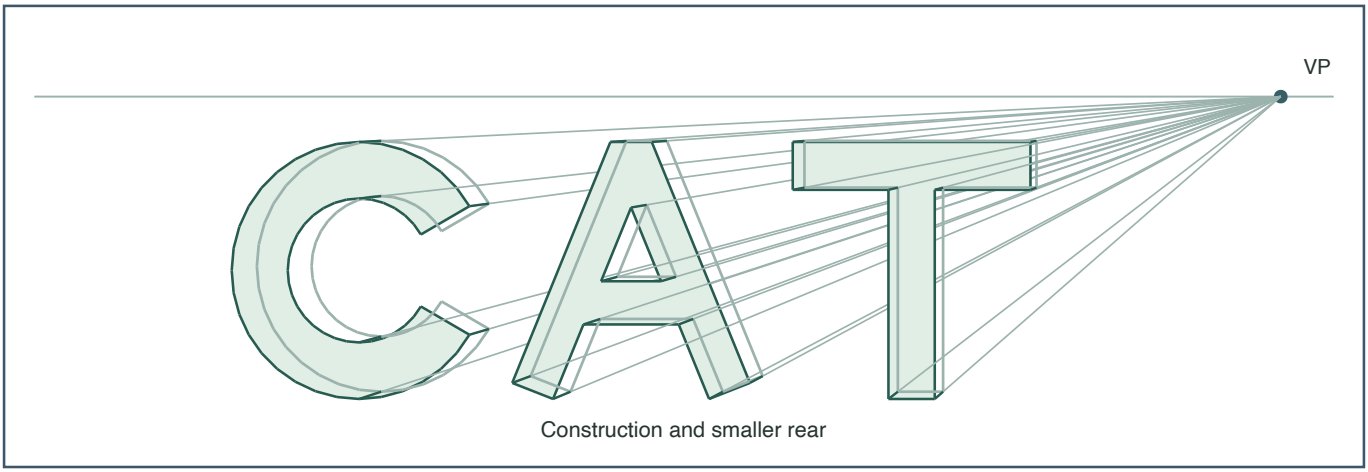
Extend each lengthwise edge to the one point. Compare the rear-to-front width ratios of H and I, and confirm that each back outline is parallel to its front.

Draw Text in One-Point Perspective

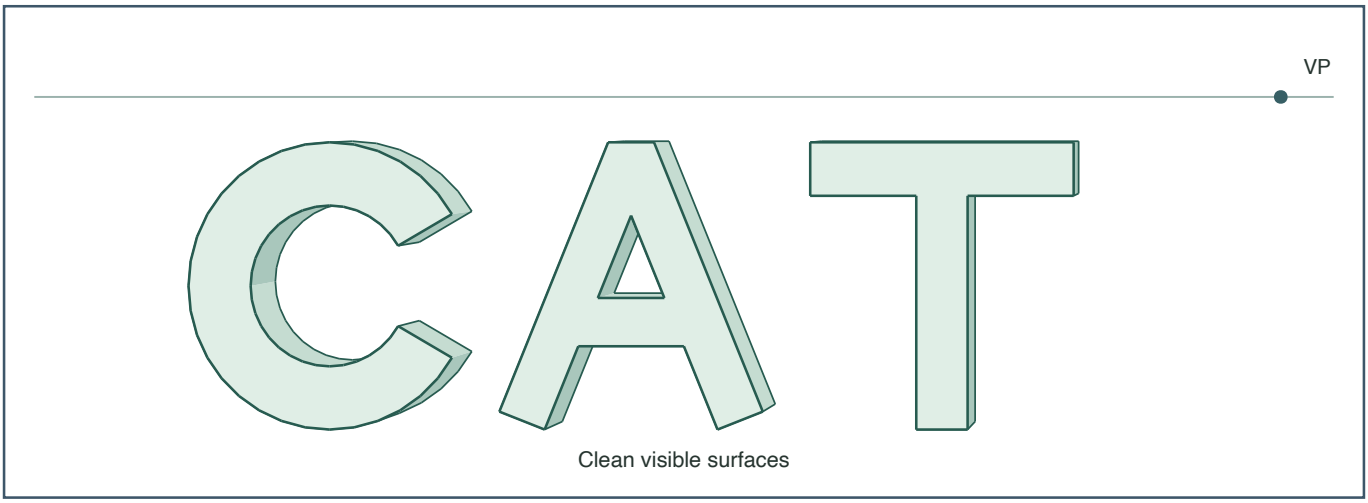
Answer | Task 3 of 4 | LETTER

Original prompt

Task 3: The flat front-plane word CAT is supplied in the task figure. Redraw it as a one-point perspective lettering plate, using that flat word as your front-plane reference.



Construction and smaller rear



Clean visible surfaces

Answer

Copy the flat C, A and T from the supplied reference onto one front plane. Keep the A opening. Use one horizon, one vanishing point and one common fraction on the guides, then close the smaller parallel back outlines.

Reasoning

The supplied flat word fixes the front shapes. A common fraction of each ray gives every letter a rear outline at the same physical depth.

Check

Straight-edge check on every depth edge; confirm all back faces are parallel to their front faces and the word reads as one scene.

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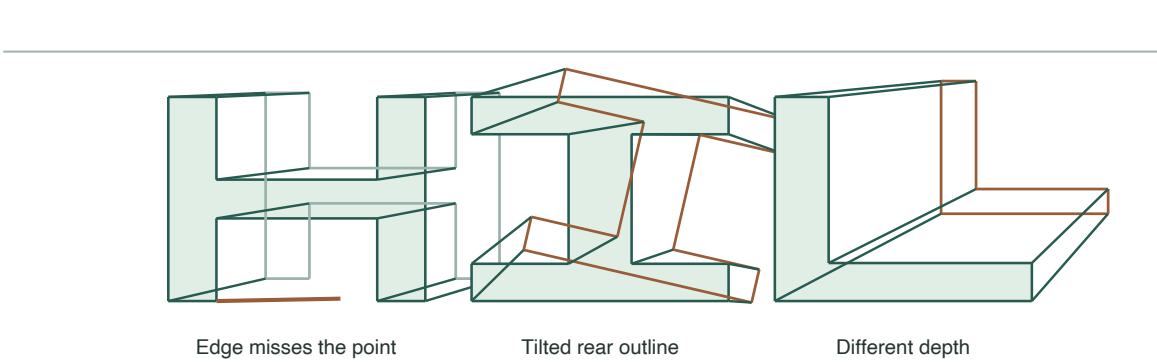
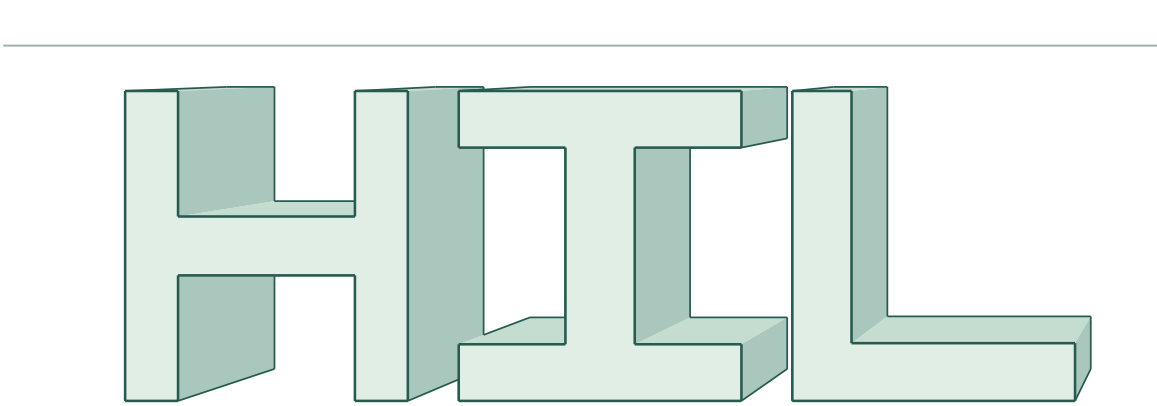
Answer | Task 4 of 4 | LETTER

Original prompt

Task 4: The task figure supplies a finished perspective lettering plate that contains three alignment errors. Mark the three errors, then correct them so every depth edge meets the vanishing point and the back faces stay parallel.



Faults marked on the given plate



Corrected solid drawing

Answer

Correct the edge that misses the vanishing point, rebuild the tilted rear outline as a smaller parallel copy, and put the mismatched rear face at the same depth as the others. The key labels the three faults on the given plate and shows the whole corrected plate.

Reasoning

Alignment errors break the single-point illusion; correcting each error restores the shared vanishing point and parallel back faces that define the construction.

Check

Extend each depth edge to the single point and compare the directions of corresponding front and back edges. Then use each rear width divided by its own front width. All three ratios must match at the common depth.