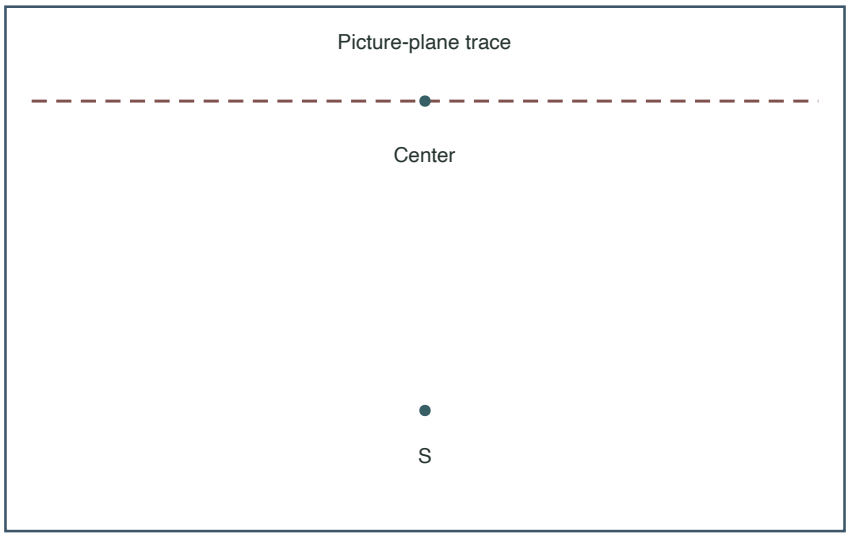
Perspective Drawing Mathematics

Student | Task 1 of 4 | LETTER

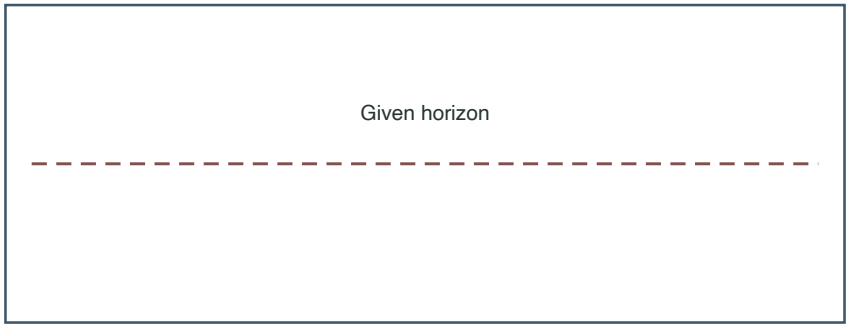
Prompt

Given a horizon line and a station point on the perpendicular through the picture center, construct the single vanishing point for a one-point perspective.

Plan view



Upright view



Record your construction check

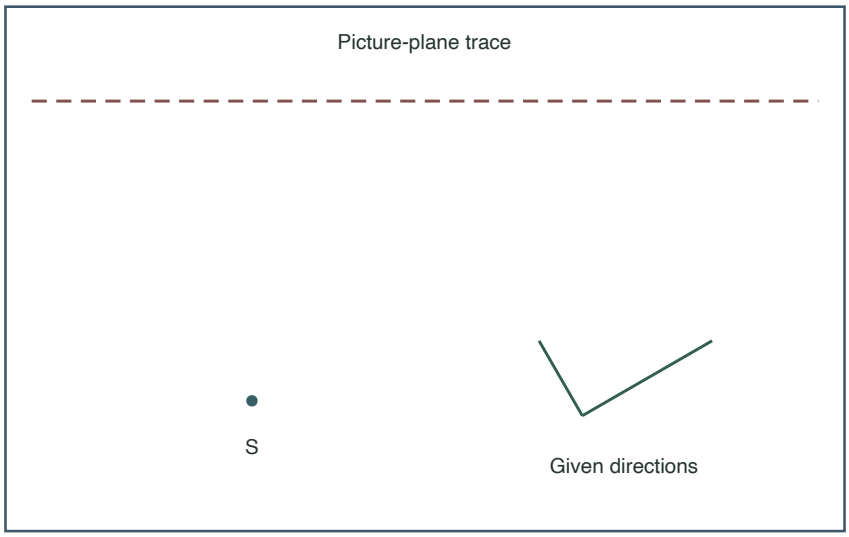
Perspective Drawing Mathematics

Student | Task 2 of 4 | LETTER

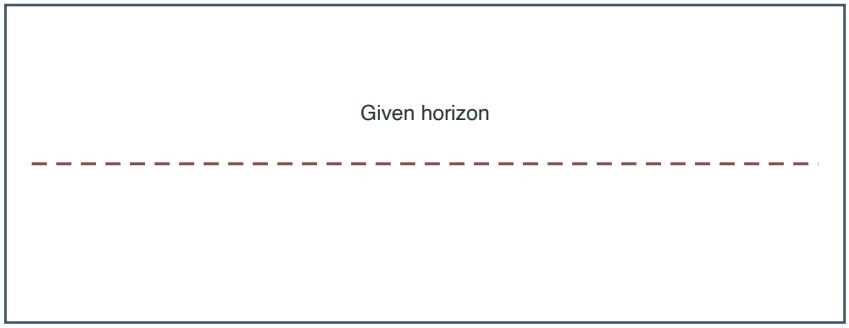
Prompt

Given a horizon line and an offset station point, construct two vanishing points for a rectangular object whose edges run left and right.

Plan view



Upright view



Record your construction check

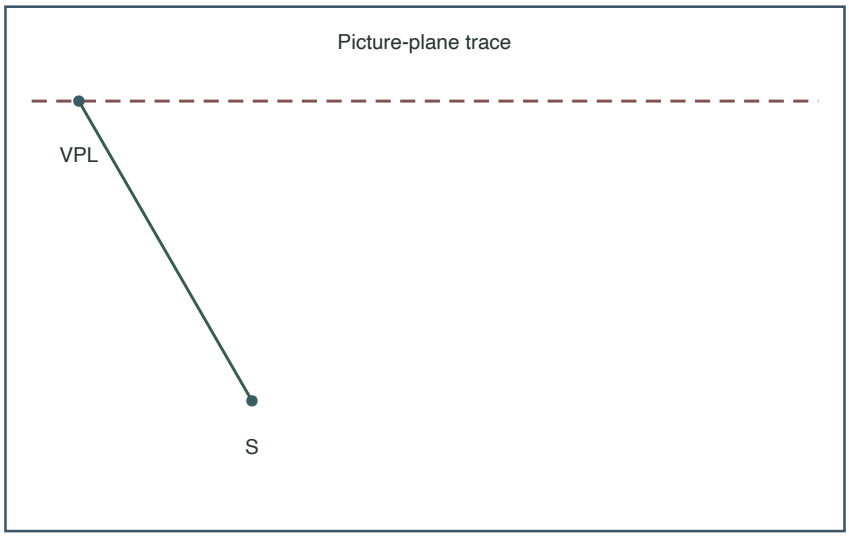
Perspective Drawing Mathematics

Student | Task 3 of 4 | LETTER

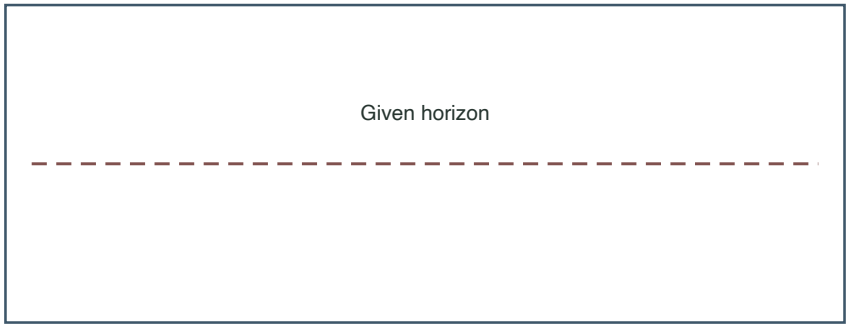
Prompt

Given a horizon line, a station point, and one vanishing point VPL, construct the second vanishing point VPR for an object whose two edge families are perpendicular in plan.

Plan view



Upright view



Record your construction check

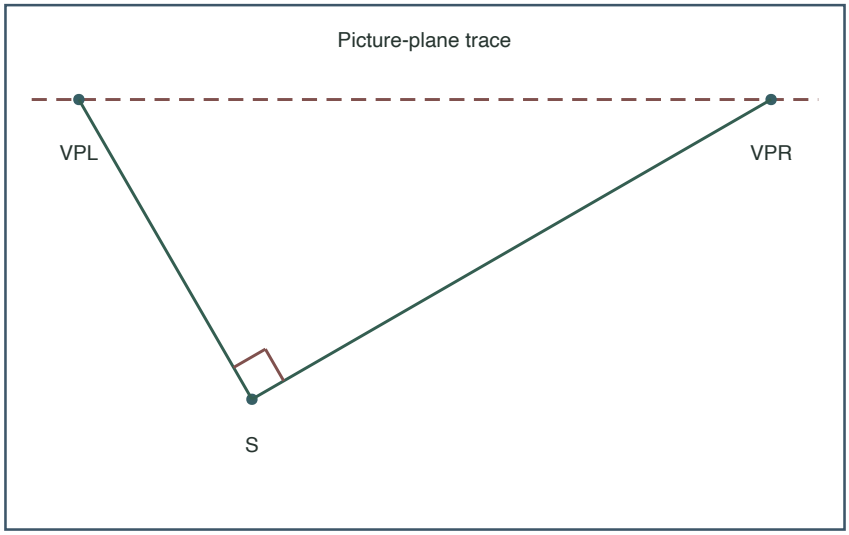
Perspective Drawing Mathematics

Student | Task 4 of 4 | LETTER

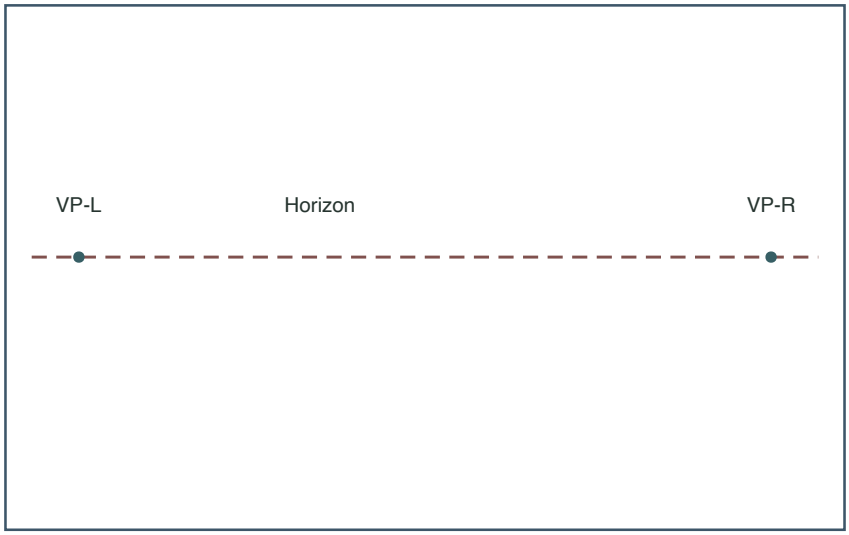
Prompt

Given a completed two-point plate with horizon, station point, VPL, and VPR, redraw a simple rectangular box in perspective using both vanishing points.

Plan view



Upright view



Draw and record your check