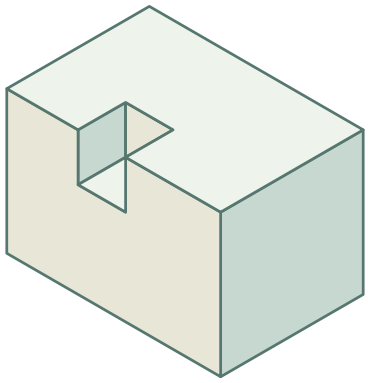
Orthographic Projection Method

Student | Task 1 of 4 | LETTER

Original prompt

Task 1 — Draw the three orthographic views of a plain rectangular block with one square notch cut from its top front edge. Show the notch in the front and top views.



Square top-front notch

Draw the three aligned views

Top

Front

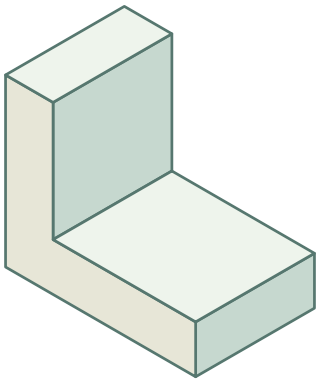
Right side

Orthographic Projection Method

Student | Task 2 of 4 | LETTER

Original prompt

Task 2 — Draw the three views of an L-shaped bracket standing on its long leg, with the short leg pointing to the right. Show the L outline in the front view and the step in the top and side views.



Left upright and base

Draw the three aligned views

Top

Front

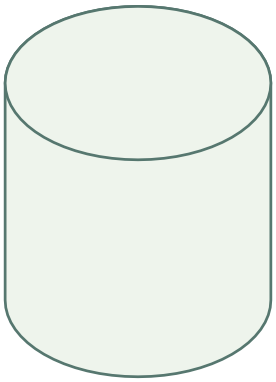
Right side

Orthographic Projection Method

Student | Task 3 of 4 | LETTER

Original prompt

Task 3 — Draw the three views of a cylinder standing upright. The front and side views are rectangles; the top view is a circle. Show the centre line in the front and side views.



Upright cylinder

Draw the three aligned views

Top

Front

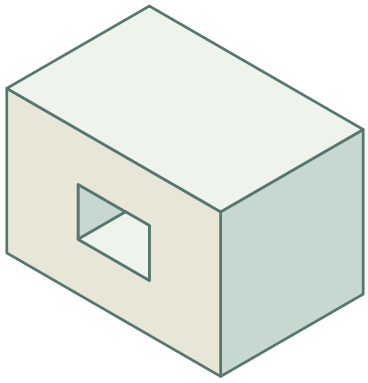
Right side

Orthographic Projection Method

Student | Task 4 of 4 | LETTER

Original prompt

Task 4 — Draw the three orthographic views of a rectangular block with a rectangular hole through it from front to back. Show the visible rectangular opening in the front view and two hidden dashed lines for the bore in the top and right views.



Front-to-back rectangular bore

Draw the three aligned views

Top

Front

Right side