Isometric Furniture Drawing: Chair, Table and Cabinet in Step Views

Original task 1 / independent drawing and calculation

Task 1

Draw a chair in isometric projection. The seat is 3 intervals wide and 3 intervals deep. Seat height is 3 intervals. The back rises 4 intervals above the seat. Use four legs, each 1 interval square, and a back panel 3 intervals wide and 4 intervals high. Show the seat, legs and back panel.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Draw a cabinet in isometric projection. The carcass is 5 intervals wide, 2 intervals deep and 6 intervals high. It sits on a plinth 1 interval high. The front face has two doors, each 2 intervals wide and 4 intervals high, starting 1 interval above the plinth. Show the carcass, plinth and door outlines.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Isometric Furniture Drawing: Chair, Table and Cabinet in Step Views

Original task 3 / independent drawing and calculation

Task 3

A stool has a square top 2 intervals wide and 2 intervals deep, 2 intervals thick, at a height of 4 intervals to the top surface. It has three legs, each 1 interval square, placed at three corners of the top outline. Draw the stool in isometric projection and state one check you would use.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Isometric Furniture Drawing: Chair, Table and Cabinet in Step Views

Original task 4 / independent drawing and calculation

Task 4

Draw a low table with an inset shelf. The top is 4 intervals wide and 3 deep at a height of 3 intervals. Four corner legs are each 1 interval square. The shelf is 2 intervals wide and 1 deep, centered between the inner leg faces at a height of 1 interval.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.