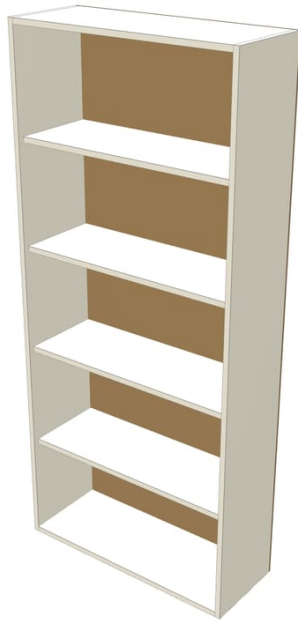


Simple Bookshelf Plans

Width 31 1/2 · Height 70 7/8 · Depth 11 13/16 in · Dividers 0 · Shelves per bay 4



Parts

9 pieces

Sheets

1 × Carcass board 18 mm, 1 × Back panel 6 mm

Difficulty

Easy

Build time

about 4 hours

Cut list (in)

ID	Part	Qty	Length	Width	Thick.	Board	Edges	Grain
A1	Side	2	70 7/8	11 13/16	11/16	Carcass board 18 mm	L1	
A2	Top / bottom	2	30 1/16	11 13/16	11/16	Carcass board 18 mm	L1	
A3	Shelf	4	30	11	11/16	Carcass board 18 mm	L1	
A4	Back	1	70 7/8	31 1/2	1/4	Back panel 6 mm	-	

9 pieces. Length runs along the grain. Edges: L1/L2 = long edges, W1/W2 = short edges to band.

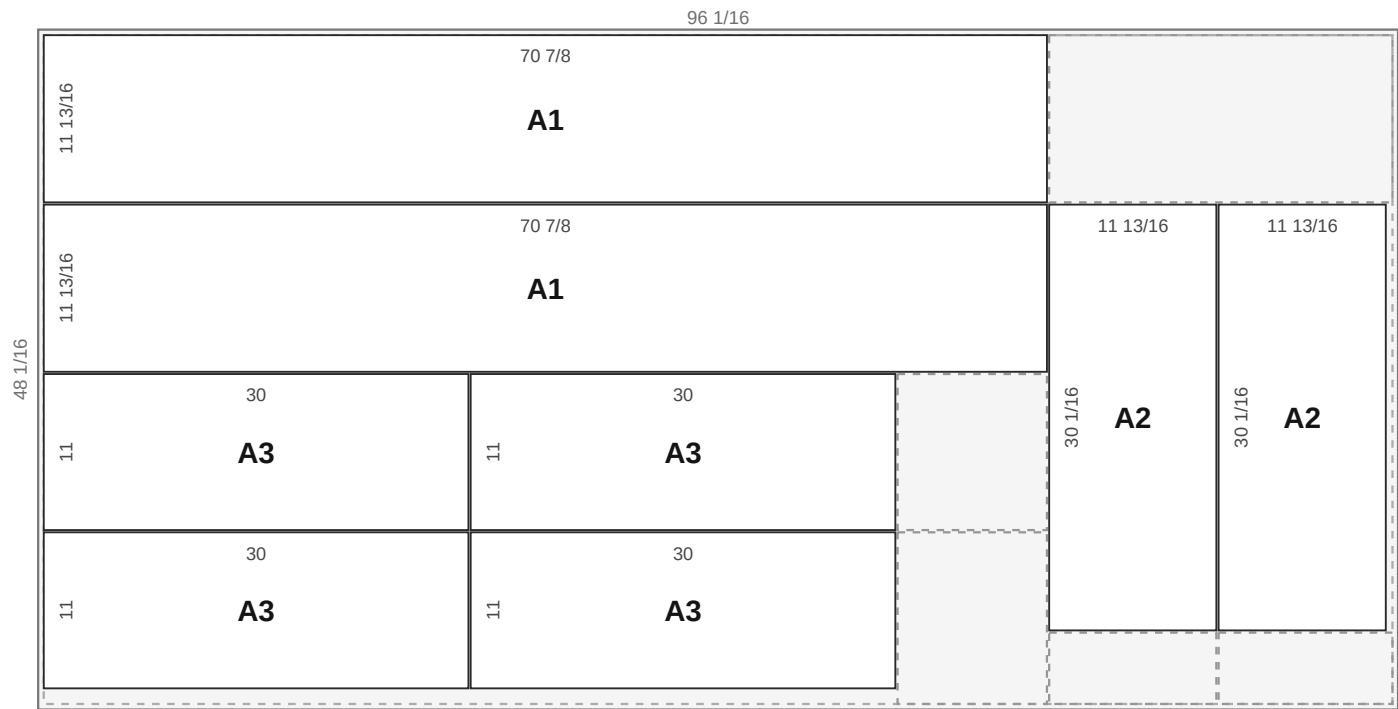
Sheets

Board	Sheets	Waste
Carcass board 18 mm	1	20%
Back panel 6 mm	1	52%

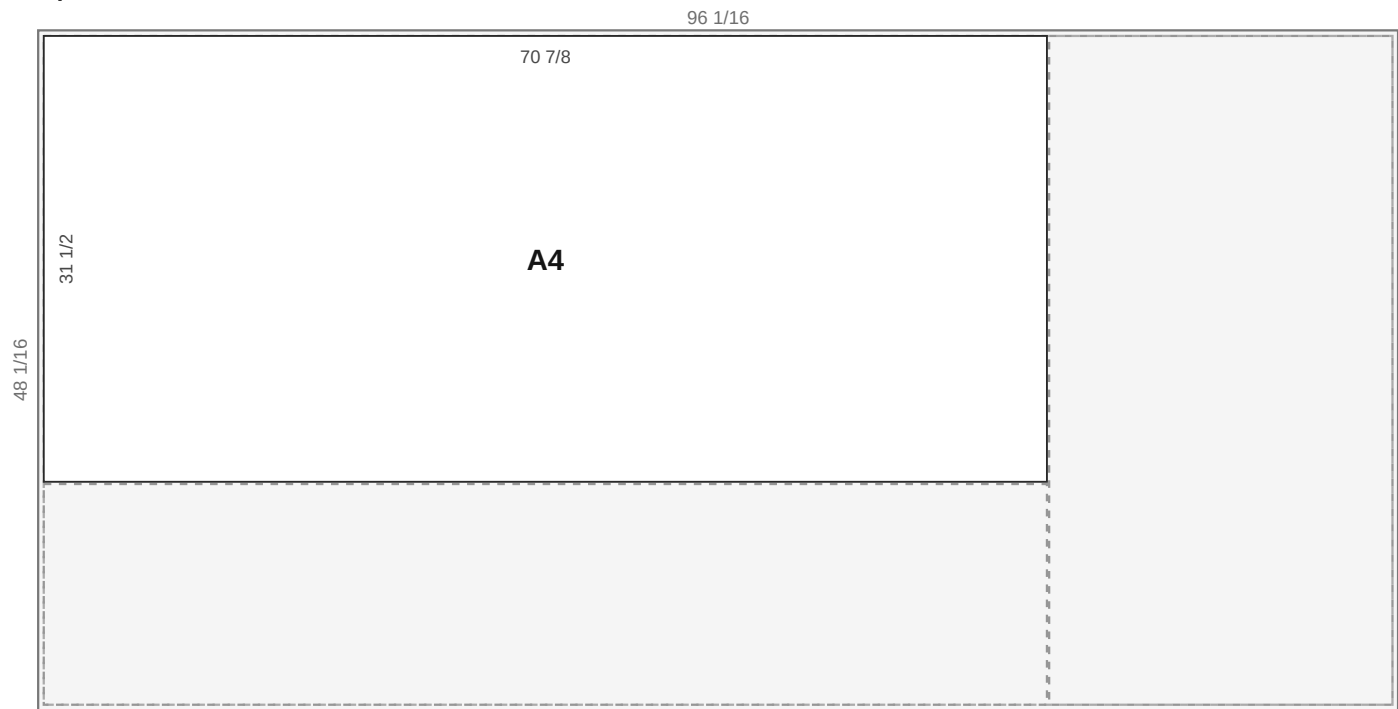
Kerf 3/16 · edge trim 3/8 · dashed areas are usable offcuts.

Sheet layouts

Carcass board 18 mm · sheet 1 of 1 · 96 1/16 × 48 1/16 · 15 cuts



Back panel 6 mm · sheet 1 of 1 · 96 1/16 × 48 1/16 · 2 cuts



How it is built

- Sides run full height; top, bottom and shelves fit between them.
- Shelves are 2 mm shorter than the opening so they slide in.

- Shelves are 20 mm shallower than the sides.
- The back is nailed onto the back edges and squares the case: check that the diagonals are equal before you fix it.

Common mistakes

- Cutting the top and bottom to the full outside width. They sit between the sides, so they are two board thicknesses shorter.
- Ignoring the shelf span. The shelf length in the list is the unsupported span.
- Not fixing a tall bookshelf to the wall: above about 750 mm (30 in), use an anti-tip strap.

Tools

- Track saw or table saw
- Drill/driver
- Pocket-hole jig or confirmat screws
- Edge banding iron