

MATERIALS

8/4 x 8 x 8' pine for the sides and legs (four 8' boards)
1 x 12 x 4' pine for the tops (one 4' board) 2826-659
Gorilla glue 2020-067
3" finishing nails -hot galvanized (90 pack) 2134-853
3" #10 wood screws (100 pack) 2174-649

PARTS

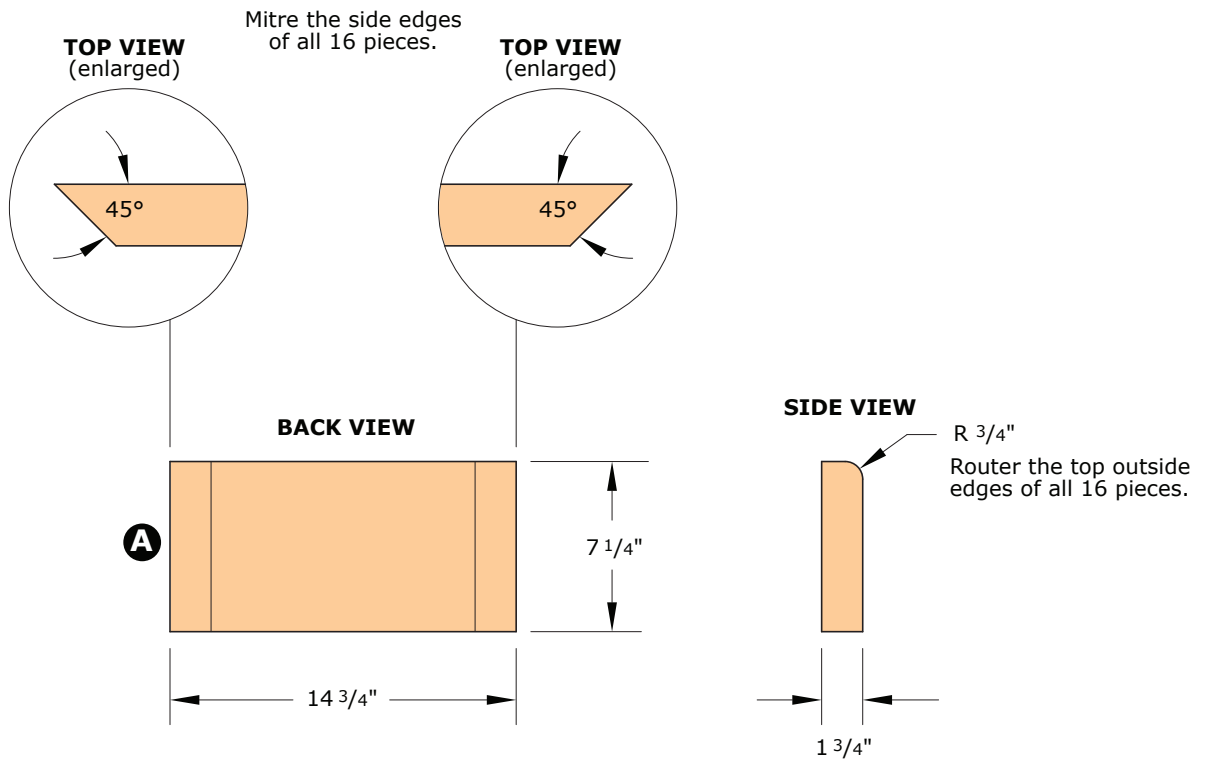
A sides - (16) 1 3/4" x 7 1/4" x 14 3/4"
B tops - (4) 3/4" x 11 1/4" x 11 1/4"
confirm dimensions on-site
C legs - (16) 1 3/4" x 2 1/8" x 14 1/4"

TOOLS

table saw 1346-627
cordless drill 1239-142
3/32" drill bit - pilot holes for finishing nails (2 pack) 1242-060
9/64" drill bit - pilot holes for #10 screws (2 pack) 1242-097
router 1258-514
1/2" radius router bit 1216-543
3/4" radius router bit 1216-586
palm sander 1262-297
sandpaper (4 pack - assorted grits) 1230-439
clamps 1022-481

SIDES

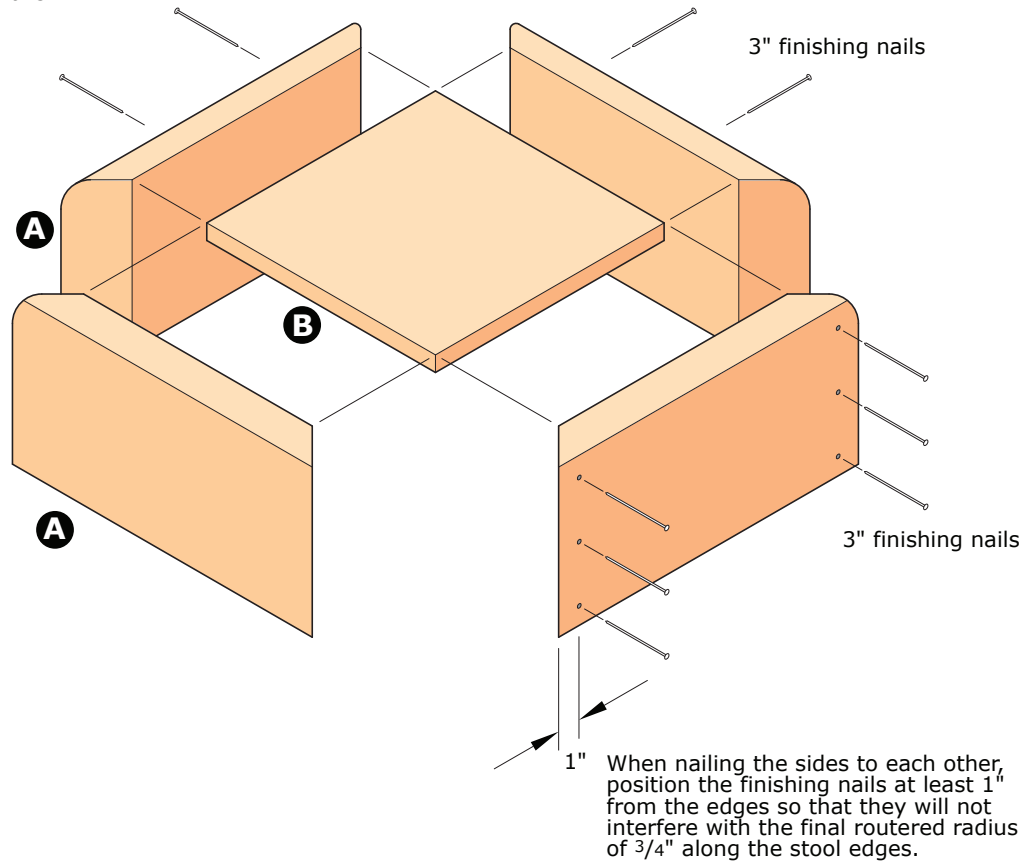
Cut 16 side pieces.

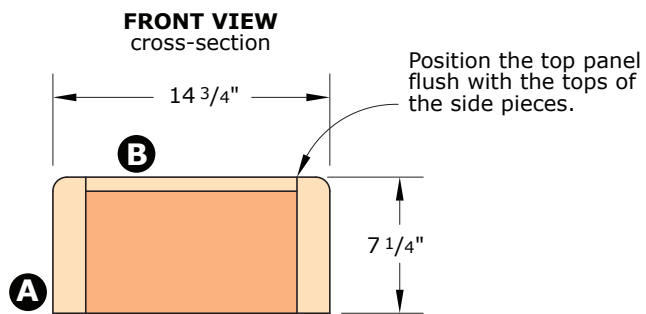
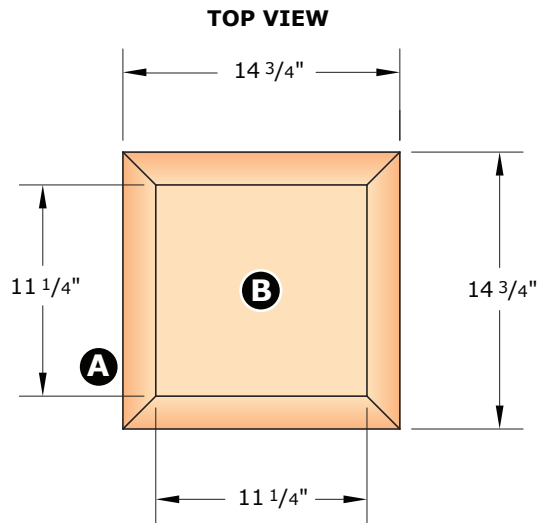


ASSEMBLE SIDES & TOPS

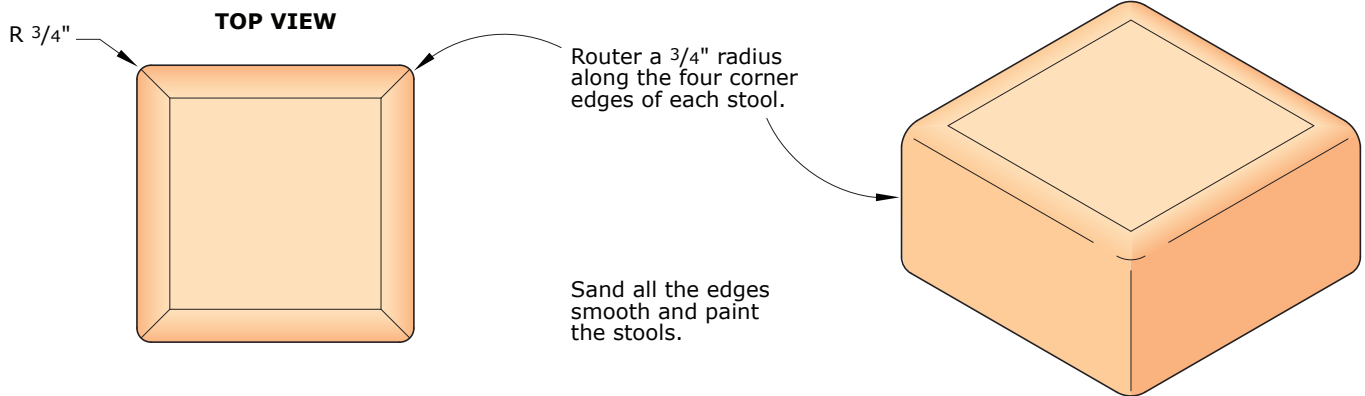
Glue and clamp the sides and tops of each stool together.

Secure the pieces to each other with 3" finishing nails. Pre-drill for the finishing nails and recess the heads.



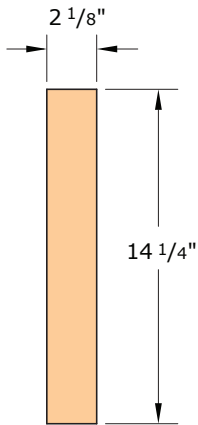


Smooth the top and side surfaces with a palm sander.

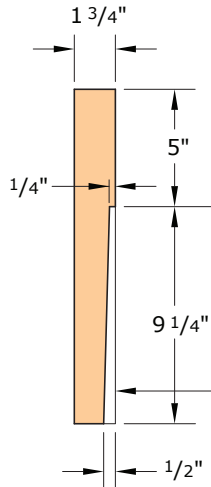


SHAPE THE LEGS

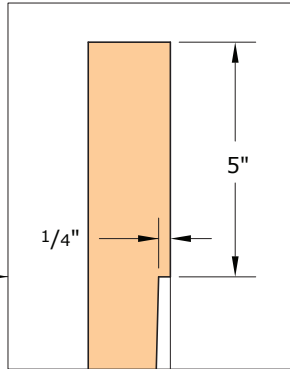
FRONT VIEW



SIDE VIEW



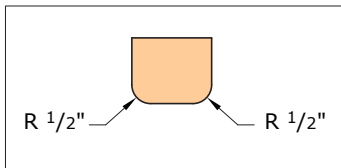
SIDE VIEW enlarged



Remove this angled section from the inside surface of each leg. Use a table saw or a radial arm saw to remove this material.

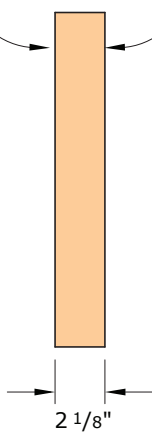
This will allow the stools to stack easily without sticking.

TOP VIEW enlarged

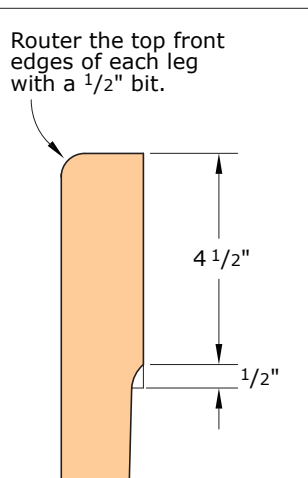


FRONT VIEW

Router the front edges of each leg with a 1/2" bit.



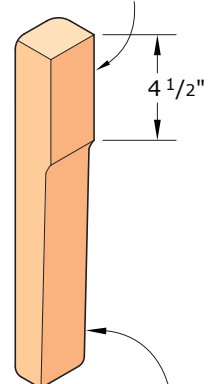
SIDE VIEW enlarged



Now remove another 1/2" of material using a palm sander. Curve an inside radius to meet the back surface of the leg.

INSIDE VIEW

Do not radius the top 4 1/2" of the back edges.



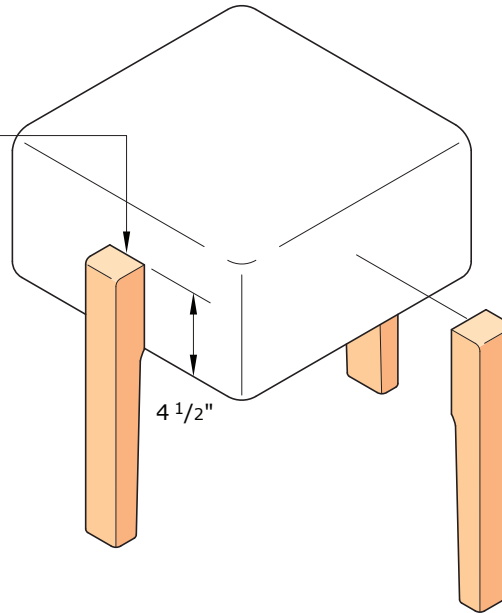
Use a palm sander to create a small radius along the back edges of the legs.

ASSEMBLE THE LEGS OF 2 STOOLS AS BELOW

(select two stools that are the same colour)

Centre the legs on the sides of two of the stools. Position the legs $4\frac{1}{2}$ " from the bottom edges of the stools.

To centre the legs accurately, measure from the inside of the stool and scribe to the front.

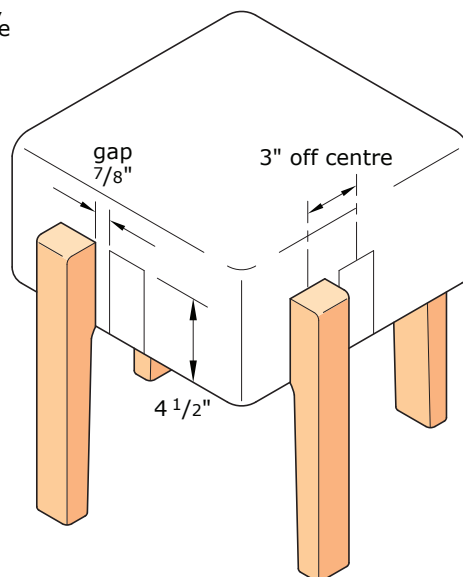


Fasten each leg to the stools (from the inside) with two #10 x 3" screws. Drill pilot holes for the screws.

ASSEMBLE THE LEGS OF THE THIRD STOOL AS BELOW

Position the legs on the THIRD stool, 3" to the LEFT of centre so that there will be a $\frac{7}{8}$ " gap between the legs when the stools are stacked.

To position the legs accurately, measure from the inside of the stool and scribe to the front.

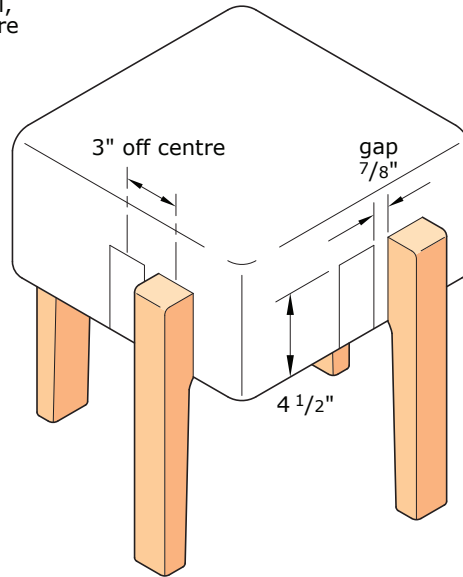


Fasten each leg to the stools (from the inside) with two #10 x 3" screws. Drill pilot holes for the screws.

ASSEMBLE THE LEGS OF THE FOURTH STOOL AS BELOW

Position the legs on the FOURTH stool, 3" to the RIGHT of centre so that there will be a $\frac{7}{8}$ " gap between the legs when the stools are stacked.

To position the legs accurately, measure from the inside of the stool and scribe to the front.



Fasten each leg to the stools (from the inside) with two #10 x 3" screws. Drill pilot holes for the screws.

STACKING THE STOOLS

