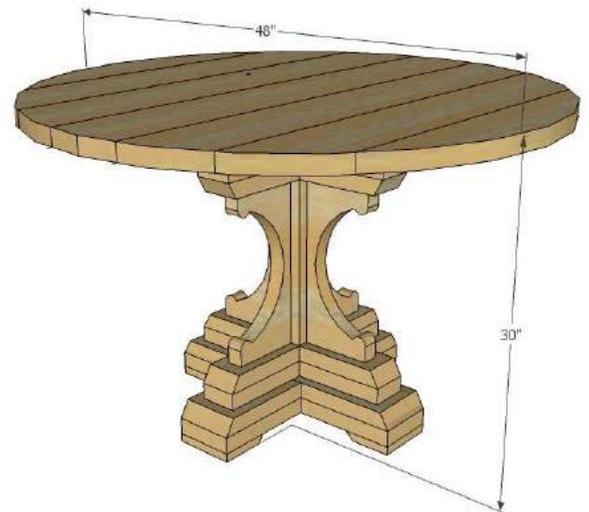


# Round Pedestal Table

## Materials

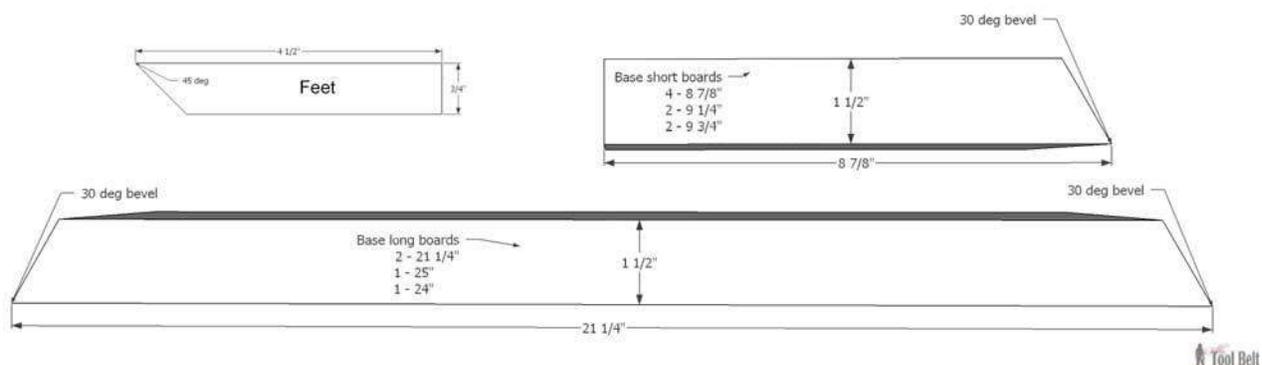
- 4 - [2" x 8" x 96" boards](#)
- 2 - [2" x 6" x 96" boards](#)
- 2 - [2" x 4" x 96" boards](#)
- 1 - [1" x 6" x 72" board](#) (19" needed)
- 1 - [4" x 4" x 96" post](#) (15 3/4" needed)
- [2 1/2" wood screws](#)
- [2 1/2" pocket hole screws](#)
- [2" brad nails](#)
- [1 1/4" brad nails](#)
- [wood glue](#)
- sandpaper
- [wood filler](#) (I used Dap this time, but Elmers and Minwax work well too.)
- 4 - 1" decorative nails
- stain
- paint
- vaseline - optional



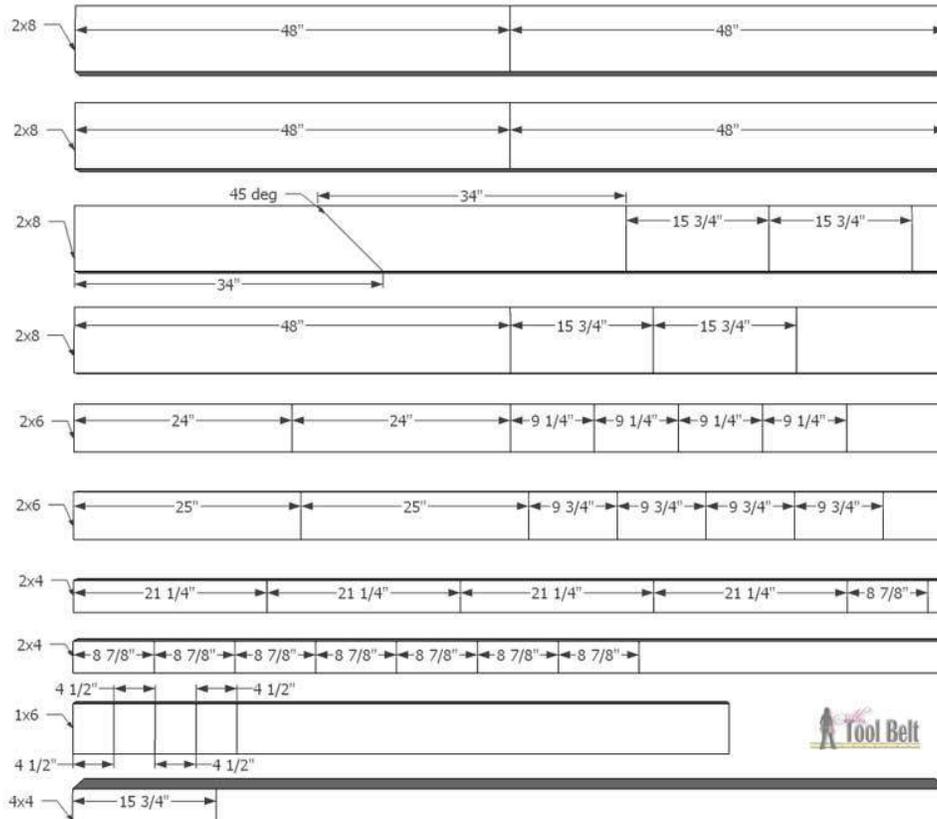
**Cut List** Note: you may want to wait to cut the base short boards until Step 4 and cut to fit.

- 5 - 1 1/2" x 7 1/4" x 48"
- 2 - 1 1/2" x 7 1/4" x 34" with 45 deg miter on one end
- 4 - 1 1/2" x 7 1/4" x 15 3/4"
- 2 - 1 1/2" x 5 1/2" x 24" (see base long board special cuts)
- 2 - 1 1/2" x 5 1/2" x 25" (see base long board special cuts)
- 4 - 1 1/2" x 5 1/2" x 9 1/4" (see base short board special cuts)
- 4 - 1 1/2" x 5 1/2" x 9 3/4" (see base short board special cuts)
- 4 - 1 1/2" x 3 1/2" x 21 1/4" (see base long board special cuts)
- 8 - 1 1/2" x 3 1/2" x 8 7/8" (see base short board special cuts)
- 4 - 3/4" x 5 1/2" x 4 1/2" with 45 deg bevel on one end (see feet special cuts)
- 1 - 3 1/2" x 3 1/2" x 15 3/4"

## Special cuts

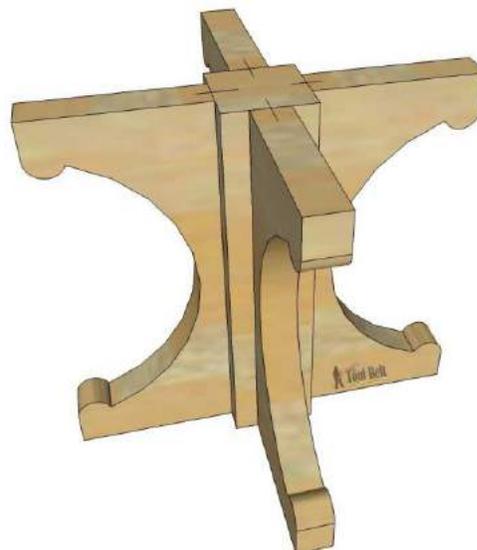
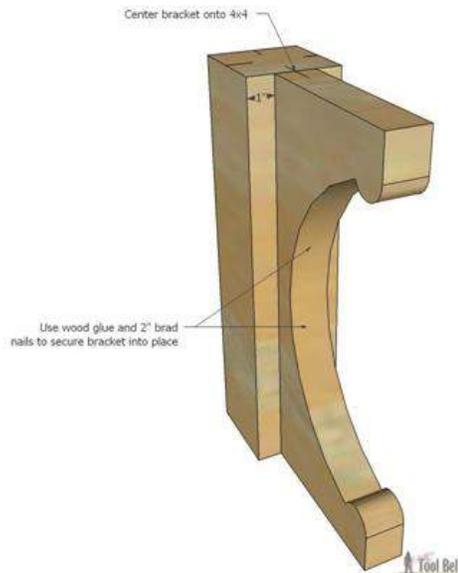


### Cut Diagram



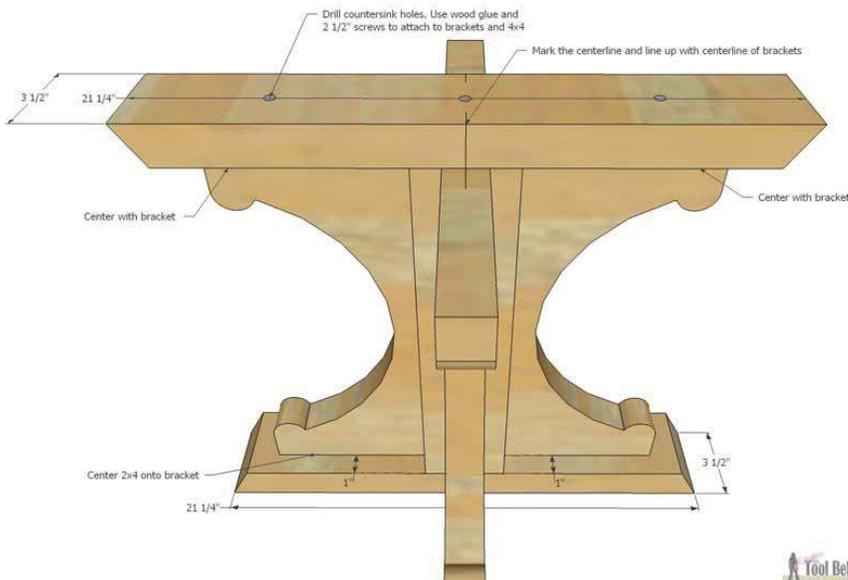
### Assemble the Pedestal Base

**Step 1** - Line up the pattern and tape together. Cut out the pattern and trace onto the 4 - 2x8 by 15 3/4" boards. Use a band saw, jig saw (with a good blade), or scroll saw to cut out the brackets. Sand the brackets smooth as needed.



**Step 2** - Mark the center-lines of the 15 3/4" 4x4 ends and the bracket ends. Center bracket on the 4x4 and use wood glue and 2" brad nails to secure the bracket to post. Repeat for each bracket.

**Step 3** \*Take time to get these first base long boards centered, it will help the rest of the base go together smoothly.



Apply wood glue along the top of the brackets. Mark the centerlines of the 2x4 - 21 1/4" base long boards with beveled ends. Line up the centerline of the long board with the bracket centerlines, and center it along the brackets going the other direction. Use a [countersink drill bit](#) and drill holes, one in the center and one in each bracket. Use 2 1/2" wood screws to secure the base long board.

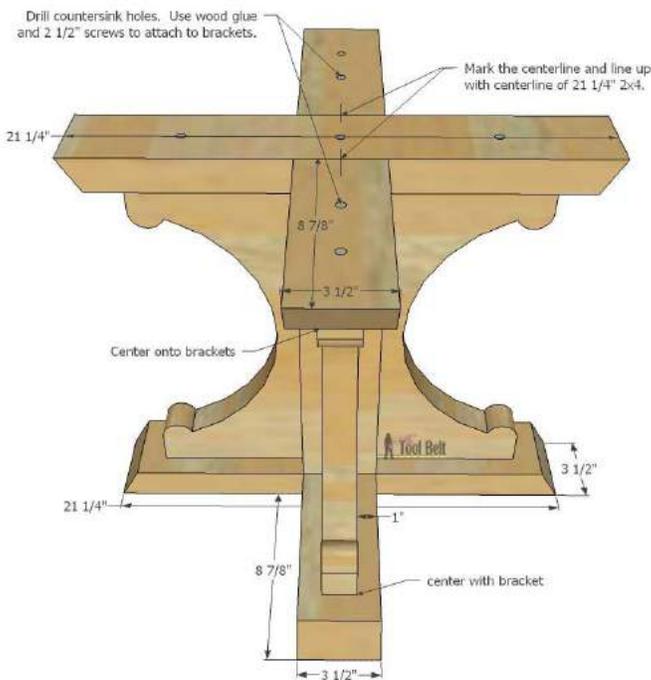
Repeat for the long board on the opposite side of the brackets.



### Step 4

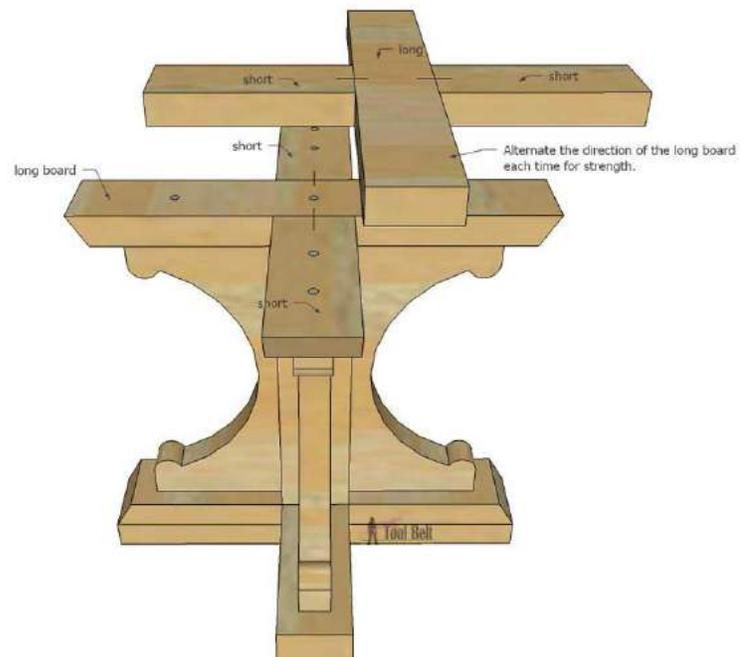
Apply wood glue along the top of the brackets. Mark the centerlines of the 2x4 - 8 7/8" base short boards with beveled ends. Line up the centerline of the short boards with the long board centerlines, and center them along the brackets. Use a countersink drill bit and 2 drill holes in each short board, use 2 1/2" wood screws to secure the base short boards.

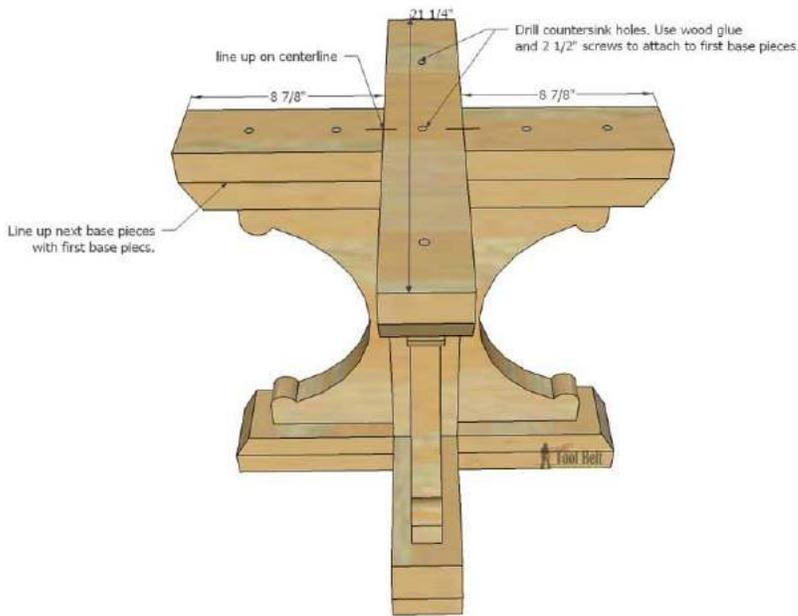
Repeat for the short boards on the opposite side of the brackets.



### Step 5

For strength, each layer of the base will rotate the direction of the long board. So the new layer of long board will screw into previously installed short boards.





Repeat the process of steps 3 and 4. Apply wood glue along the top of the base layer 1. Mark the centerlines of the 2x4 - 21 1/4" base long boards and 2x4 - 8 7/8" base short boards with straight ends. Line up layer 2 long board on layer 1 short boards. Drill countersink holes in 3 places and secure with 2 1/2" wood screws.

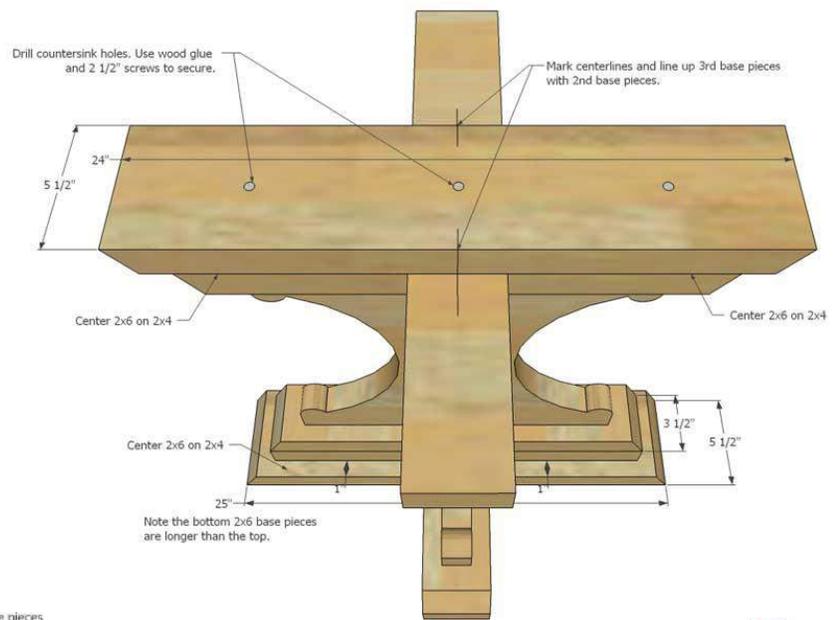
Line up the centerline of the short boards with the long board centerlines, and line up with layer 1 boards. Drill 2 countersink holes in each short board, use 2 1/2" wood screws to secure the base short boards.

Repeat for the layer 2 base boards on the opposite side.

**Step 6**

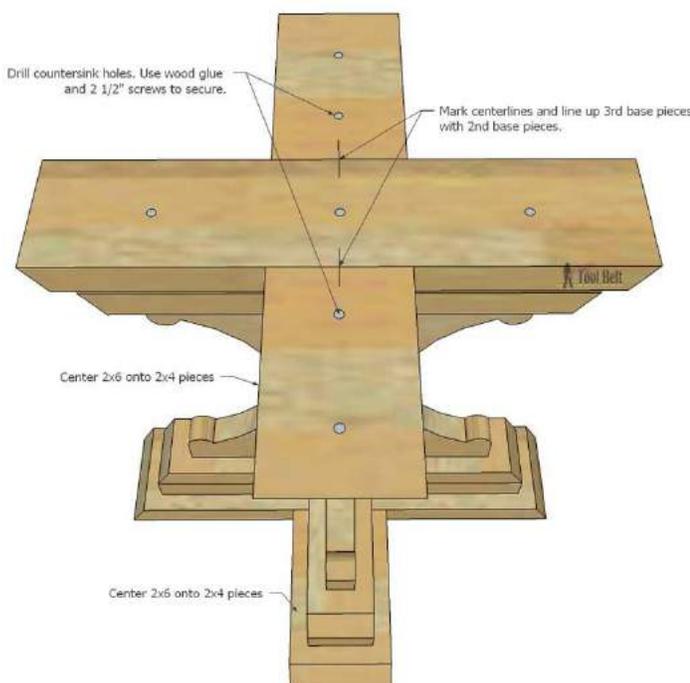
Mark the centerline of the layer 2 long board. Apply wood glue along the top of the base layer 2. Mark the centerlines of the 2x6 - 24" base long boards with beveled ends. Line up the centerline of the layer 3 long board with the layer 2 long board and center it on the short boards. Drill countersink holes in 3 places and secure with 2 1/2" wood screws.

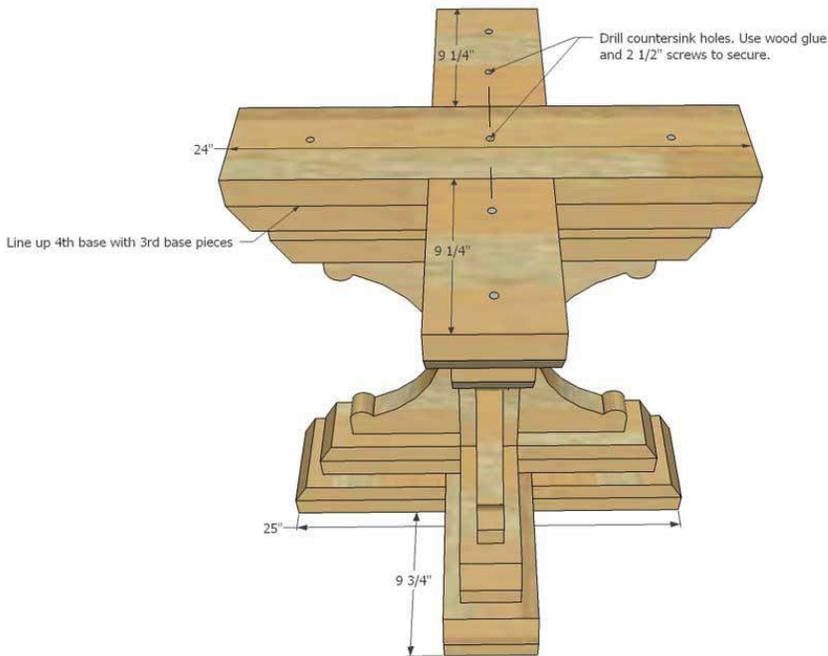
Repeat for the 25" long board on the opposite side.



Apply wood glue along the top of base layer 2. Mark the centerlines of the 2x6 - 9 1/4" base short boards with beveled ends. Line up the centerline of the short boards with the long board centerlines. Use a countersink drill bit and 2 drill holes in each short board, use 2 1/2" wood screws to secure the base short boards.

Repeat for the 9 3/4" short boards on the opposite side.



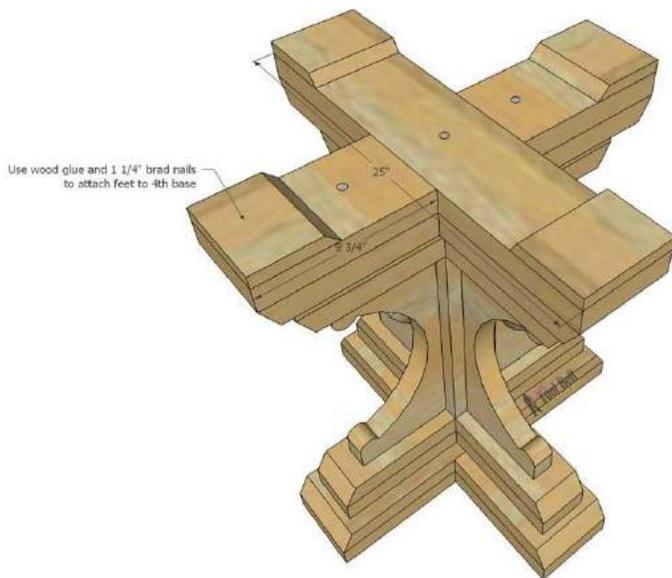


## Step 7

Apply wood glue along the top of the base layer 3. Mark the centerlines of the 2x6 - 24" base long boards and 2x6 - 9 1/4" base short boards with straight ends. Line up layer 4 long board on layer 3 short boards. Drill countersink holes in 3 places and secure with 2 1/2" wood screws.

Line up the centerline of the short boards with the long board centerlines, and line up with layer 3 boards. Drill 2 countersink holes in each short board, use 2 1/2" wood screws to secure the base short boards.

Repeat for the 25" and 9 3/4" base boards on the opposite side.



Place the base so the 25" boards are up. Use wood glue and 1 1/4" brad nails to secure a foot to each board end.

## Finish the Pedestal Base

**Step 8** - Let the wood glue dry. Apply [wood filler](#) to all of the cracks. Let the wood filler dry fully.

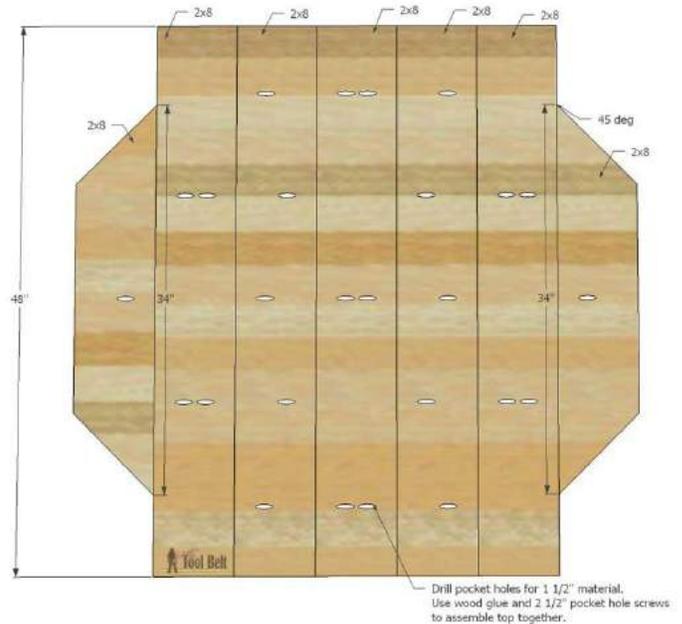
**Step 9** - Sand the table base (pedestal), until smooth. For the white distressed look:

- Stain the pedestal ([jacobean](#)), let dry.
- Apply a small amount of vaseline with a finger along the edges and wherever you don't want the paint to stick.
- Paint the pedestal ([Behr ultra pure white latex](#)), let dry.
- After the paint is fully dry, use a sander or sandpaper and distress the paint along the edges.
- Add 1" decorative nails

## Make the Table Top

**Step 10** - Layout the table top boards, make sure the center board is at least 48" long and mark locations for pocket holes. Make sure to keep a few inches away from the ends so you don't try and cut screws when making a circle. Drill pocket holes for 1 1/2" material.

Use wood glue and 2 1/2" pocket hole screws to assemble the top together, keeping the boards as flat as possible.

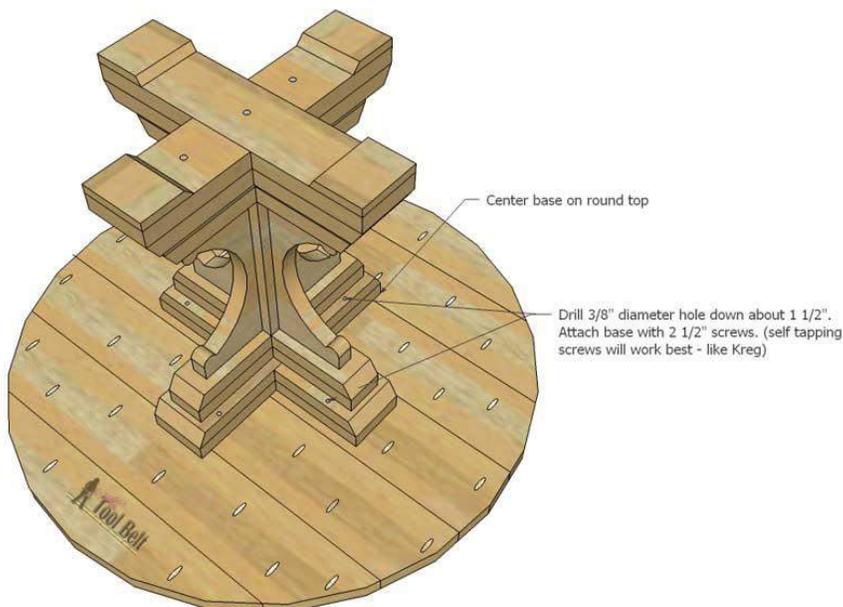


**Step 11** - After the glue dries, remove any excess glue and roughly sand the top smooth. There are multiple ways cut the table top round. I used a router and a [straight router bit](#) to cut the table top in a circle. I took a scrap piece of plywood and cut a slot out for my router to sit snugly in. I measured from the inside edge of the router bit and marked 24" away and drilled a hole for a screw. Next I found the center of the table top and screwed the plywood into the center mark. I made multiple passes with the router, lowering the bit about 1/4" with each pass.

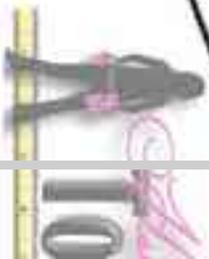
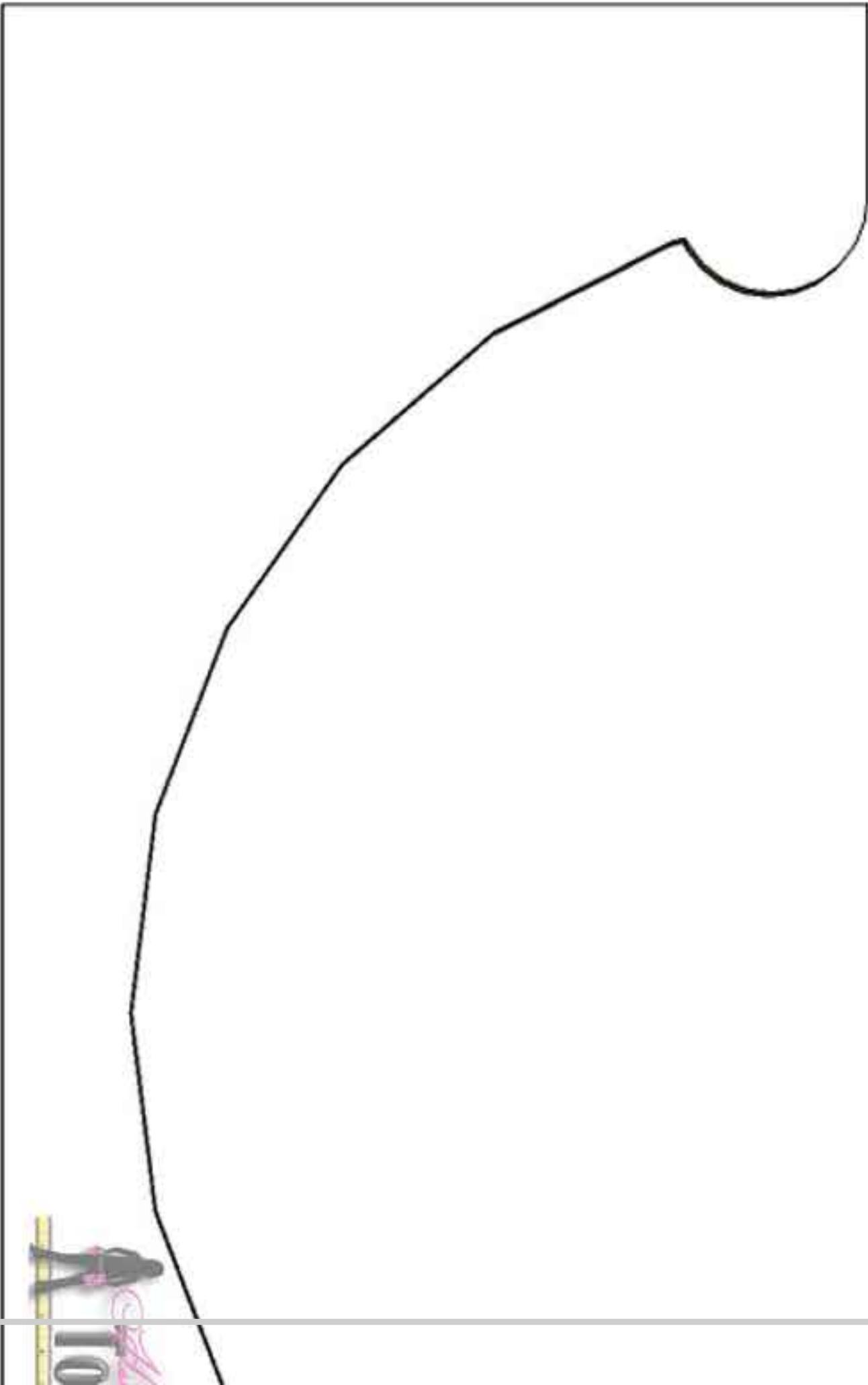
## Finishing the Table Top

**Step 12** - Sand the table top smooth, going from 80 grit to 120 grit sand paper. Finish sanding in the direction of the grain. Stain the table top. Apply a coat of polyurethane to protect the wood.

## Assemble the Table



**Step 13** - Place the pedestal base upside down on the table top and center the base. In the 24" 2x6 base pieces, use a 3/8" drill bit (the pocket hole drill bit) and drill down about 1 1/2" in a few places. Use 2 1/2" self tapping screws (Kreg) to attach the pedestal base to the table top.



# A Fool Belt

