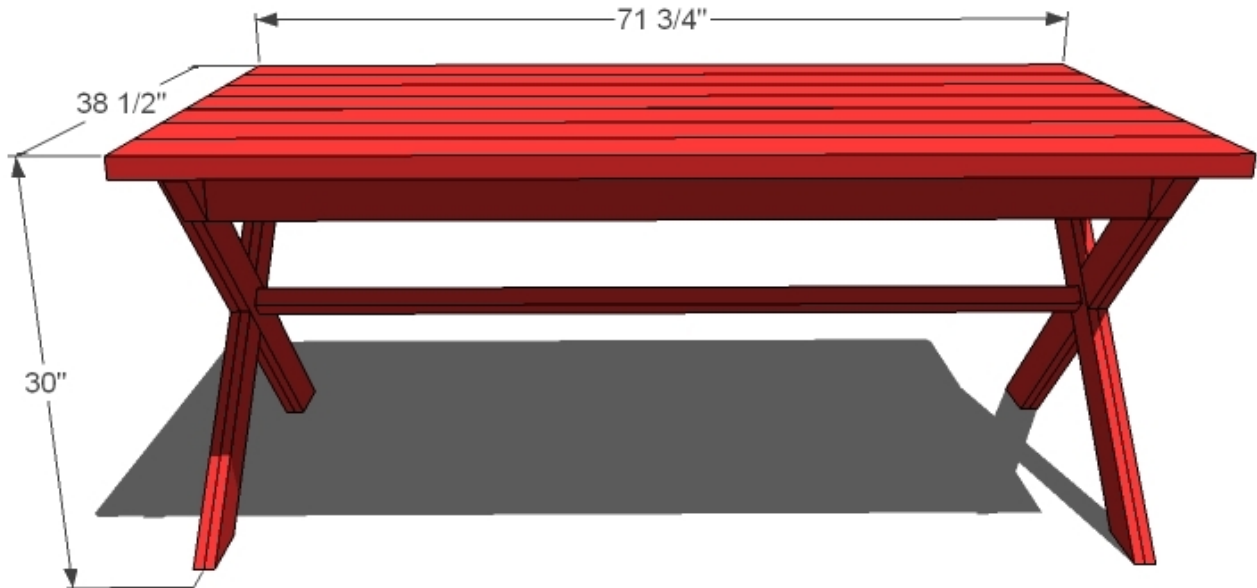


X Picnic Table

Dimensions



Tools and Materials

- **3 - 2x6, 12' Length**
- **1 - 2x6, 8' or Stud Length**
- **1 - 2x4, 8' or stud length**
- **1 - 2x2, 8' Length**
- **7 - 1x4, 8' Length**
- **Wood Glue**
- **1 1/4" Wood Screws**
- **2" Wood Screws**
- **2 1/2" Wood Screws**
- **Finishing Supplies (Wood Filler, Paint, Stain, Sandpaper, Sealer)**

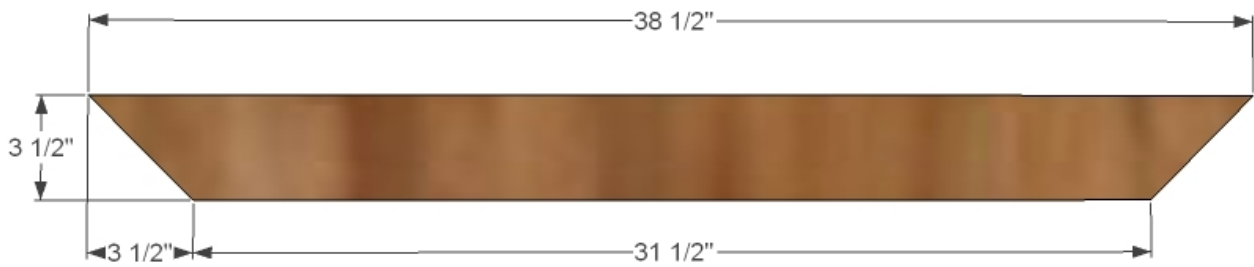
Cut list

Work on a clean level surface using straight boards. Be safe, wear hearing, eye and any other safety equipment that is necessary. Pre-drill and countersink all of your screw holes. Always use glue. Check for square after each step. When you are making parallel cuts (for example, the legs) at an angle simply set your miter saw to a 45 degree angle. Then make the first cut as close to the end as possible. Measure from the edge, long point to short point and make a mark. Cut. Then simply slide your board down to make remaining cuts.

General instructions

- **2 - 2x4 @ 38 1/2" (Ends mitered back at 45 degrees as shown in step 1)**
- **5 - 1x4 @ 30" (Supports)**
- **7 - 2x6 @ 71 3/4" (Tabletop Boards)**
- **2 - 1x4 @ 61 3/4" (Side Aprons)**
- **4 - 1x4 @ 40 1/4" (Ends cut at 45 degrees, parallel)**
- **3 - 1x4 @ 20 1/8" (ONE end mitered down 45 degrees off square, measure to fit on legs)**
- **1 - 2x2 @ 64 3/4" (Stretcher)**

Step 1



Apron ends.

Cut your apron ends as shown above. The angles on the ends are 45 degrees. You will need to cut 2 of these.

Step 2

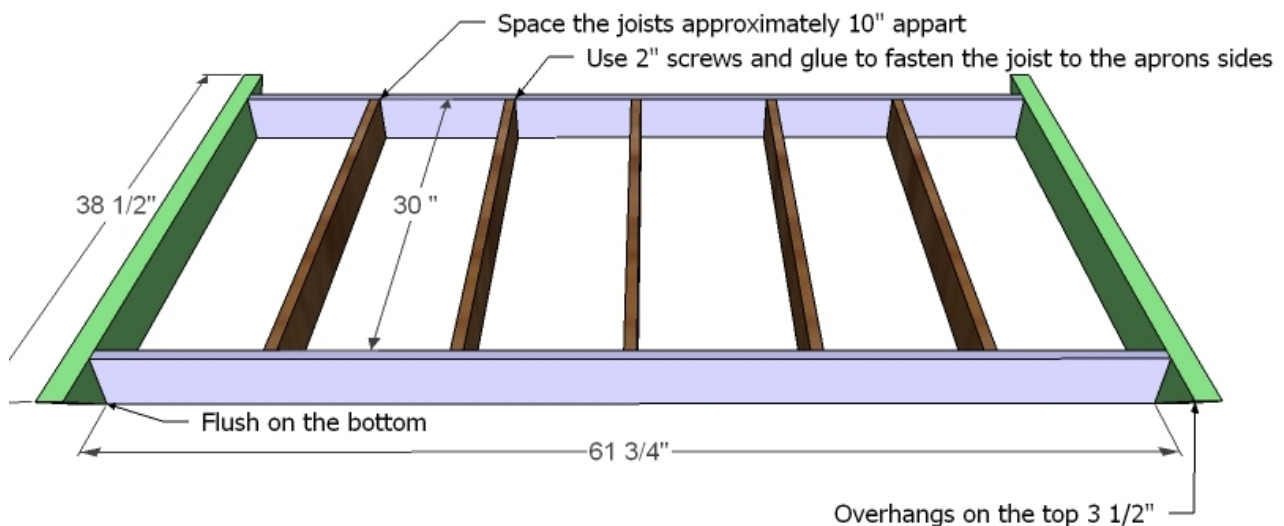
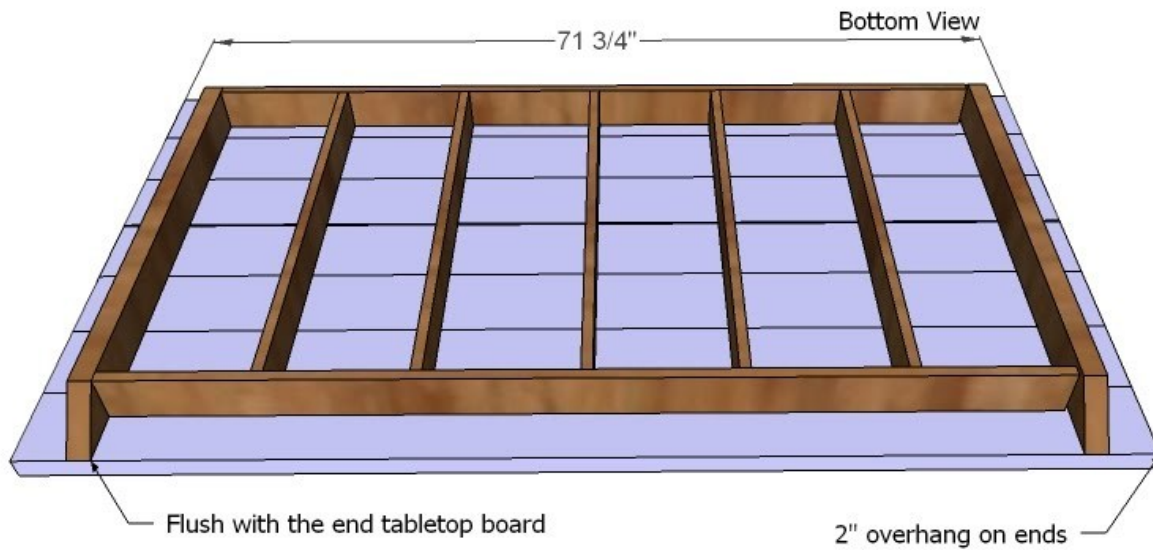


Table Frame.

Mark table side aprons (the 1x4s 61 3/4" long) every 10" (this does not have to come out exact). Use these marks to guide you as you attach the supports, as shown above. Use 2" screws and glue. Then screw the side aprons to the end aprons from step 1. Make sure you square your project at this step.

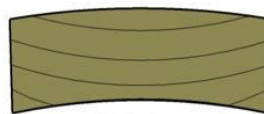
Step 3



Tabletop Boards

Use $2 \frac{1}{2}$ " screws and glue to fasten your tabletop boards as shown above.

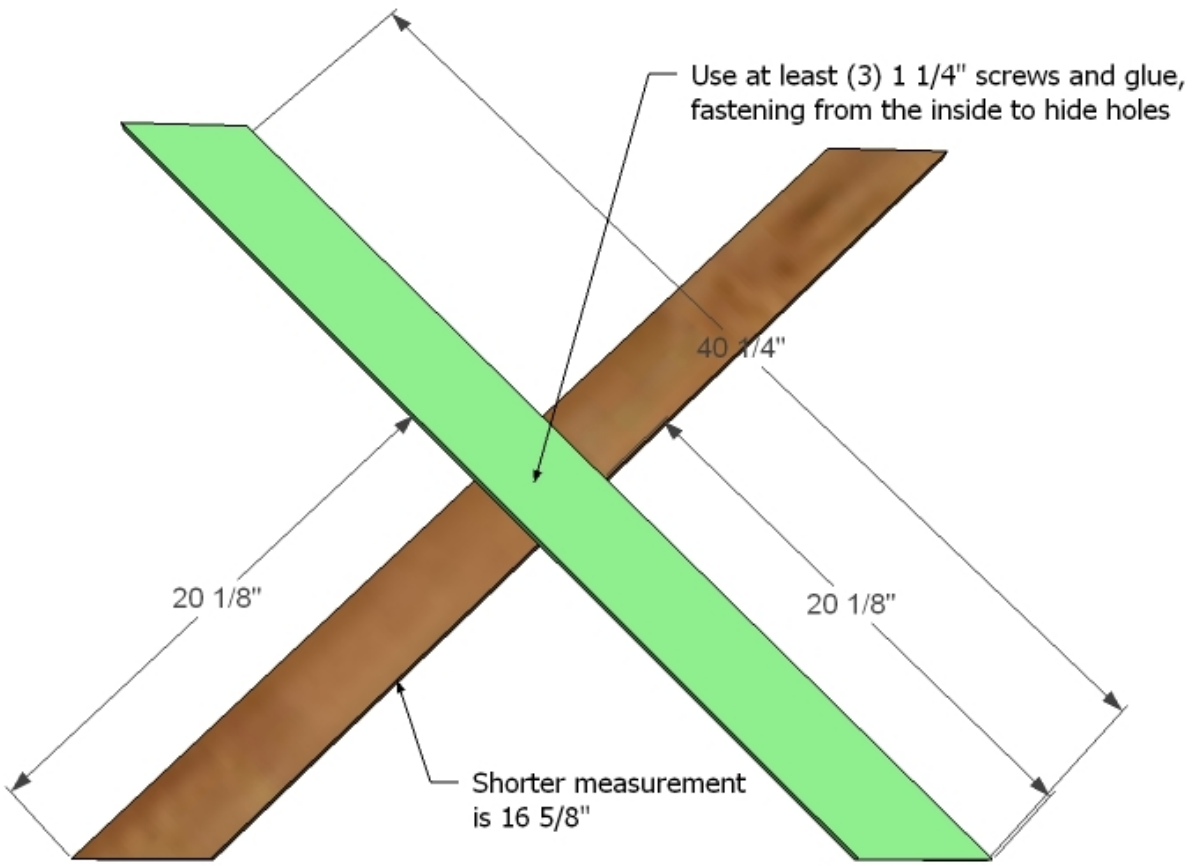
Step 4



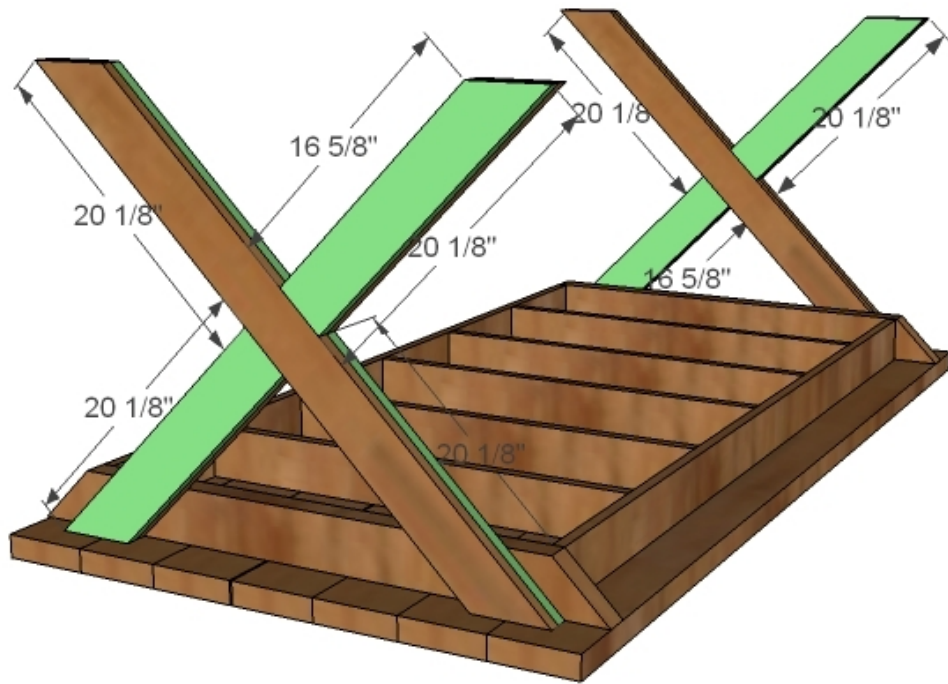
Flat Grain:
Bark Side Down

If you are using the table outdoors, bark side down will avoid cupping, and create better water drainage. The above photo is an exaggeration, but even the slightest amount of crowning will keep water (the enemy) from pooling on top of your outdoor table.

Step 5



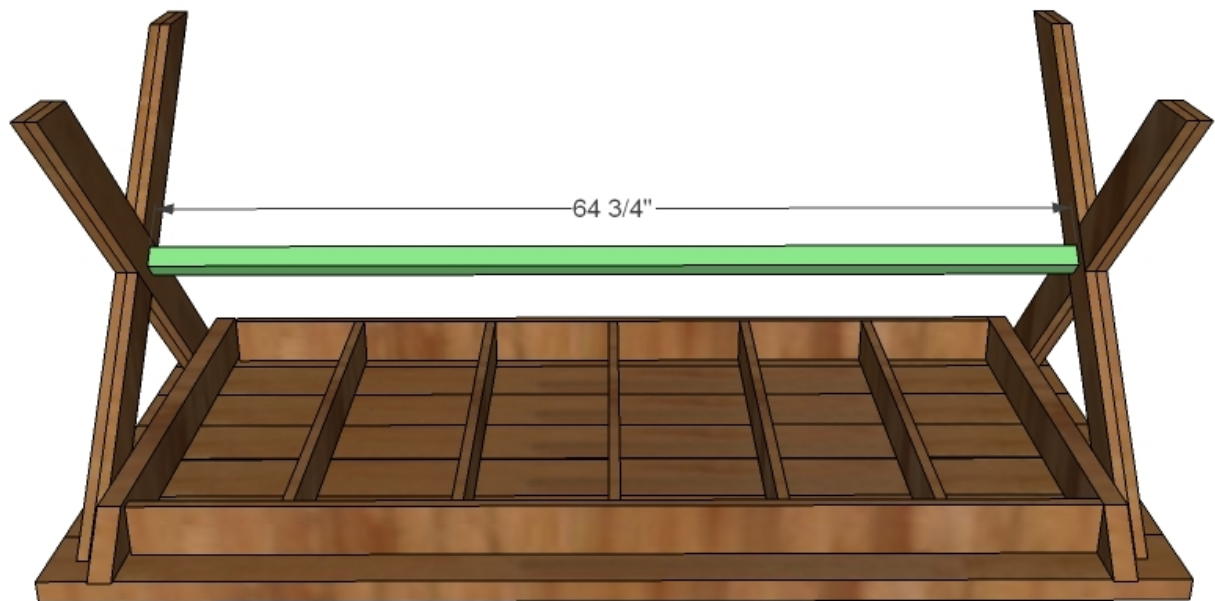
Step 6



Legs, Part 2

Finish the legs by attaching the remaining leg trim pieces using $1 \frac{1}{4}$ " screws and glue. Hide your screw holes by attaching from the insides. Then using the $2 \frac{1}{2}$ " screws, fasten the legs to the side aprons, centering the legs on the side apron.

Step 7

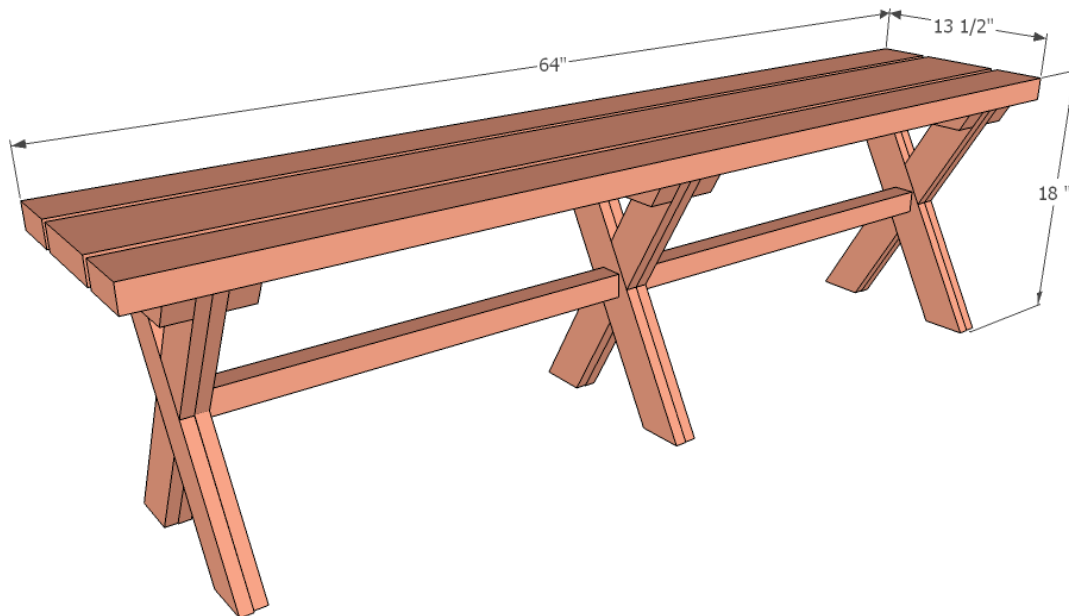


Stretcher

Your table is going to need something to keep the legs from spreading apart - think dragging the table from the end. The amount of leverage on those top screws would be quite strong. So to keep your table together you can do a cross braces from the center of the Xs to the underside of the table. Use the 2 1/2" screws to screw the stretcher to the legs, in the centers of the X. **TIP** - once one side is fastened, use a level to determine where the other side should be fastened.

Bench for X Picnic Table

Dimensions



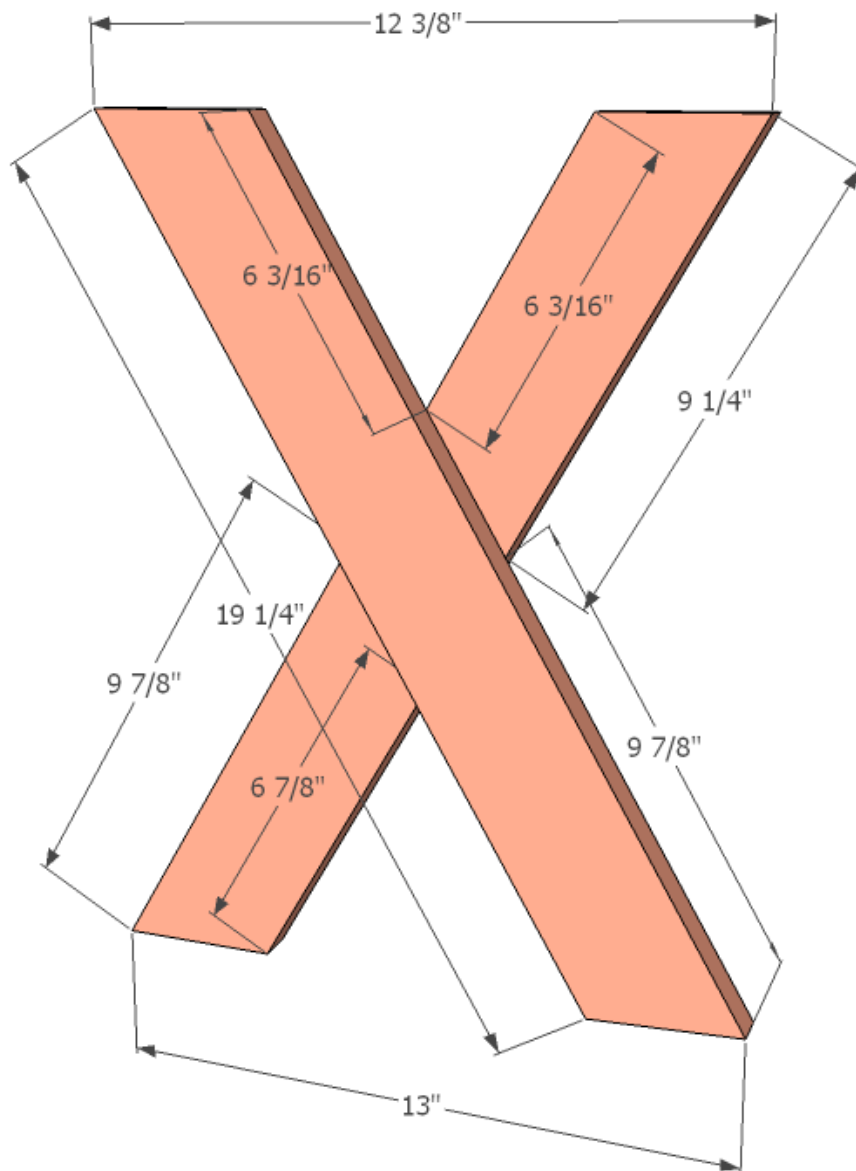
Tools and Materials

- 3 - 1x3 @ 8 feet long
- 2 - 2x2 @ 8 feet long
- 2 - 2x4 @ 8 feet long
- 1 - 2x6 @ 8 feet long
- 2 1/2 inch screws
- 1 1/4 inch finish nails
- Wood glue
- Wood filler
- 120 grit sandpaper
- Primer
- wood conditioner
- paint paint brush

Cut list

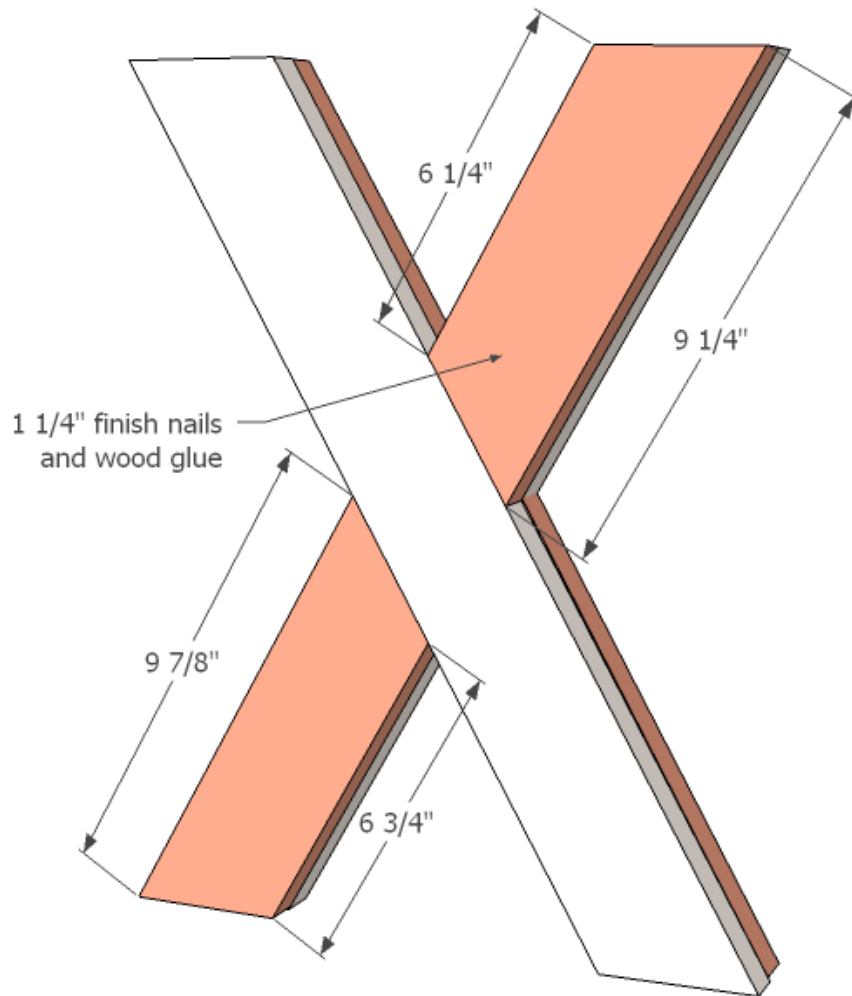
- **6 - 1x3 @ 19 1/4" with both ends cut at 30 degrees off square, ends parallel to each other**
- **6 - 1x3 @ 9 1/4" long point to long point, both ends cut at 30 degrees off square, ends NOT parallel to each other**
- **6 - 1x3 @ 9 7/8" long point to long point, both ends cut at 30 degrees off square, ends NOT parallel to each other**
- **6 - 2x2 @ 12 3/8" long point to long point, both ends cut at 30 degrees off square, ends NOT parallel to each other**
- **2 - 2x4 @ 64"**
- **1 - 2x6 @ 64"**

Step 1



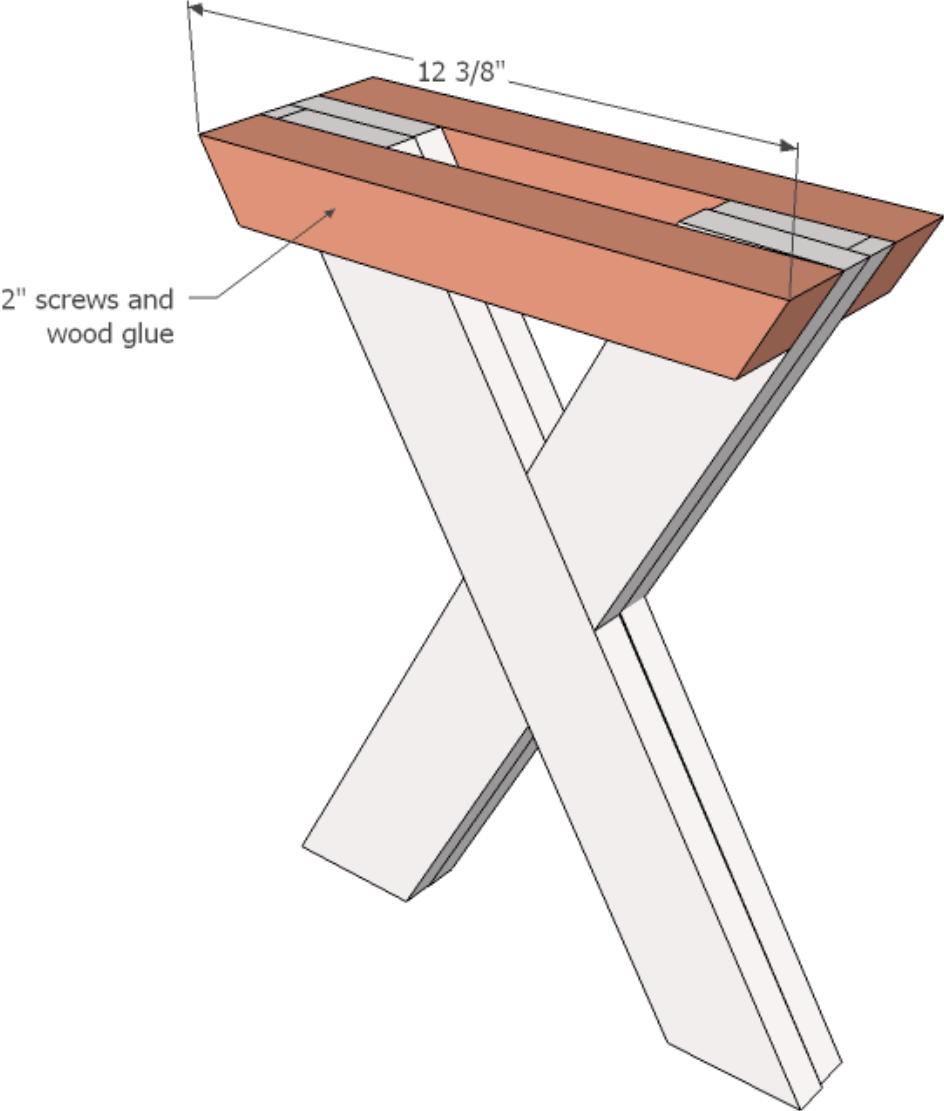
Use the smaller leg pieces to guide you here . . . attach the two longer leg pieces with $1 \frac{1}{4}$ " fasteners and wood glue.

Step 2



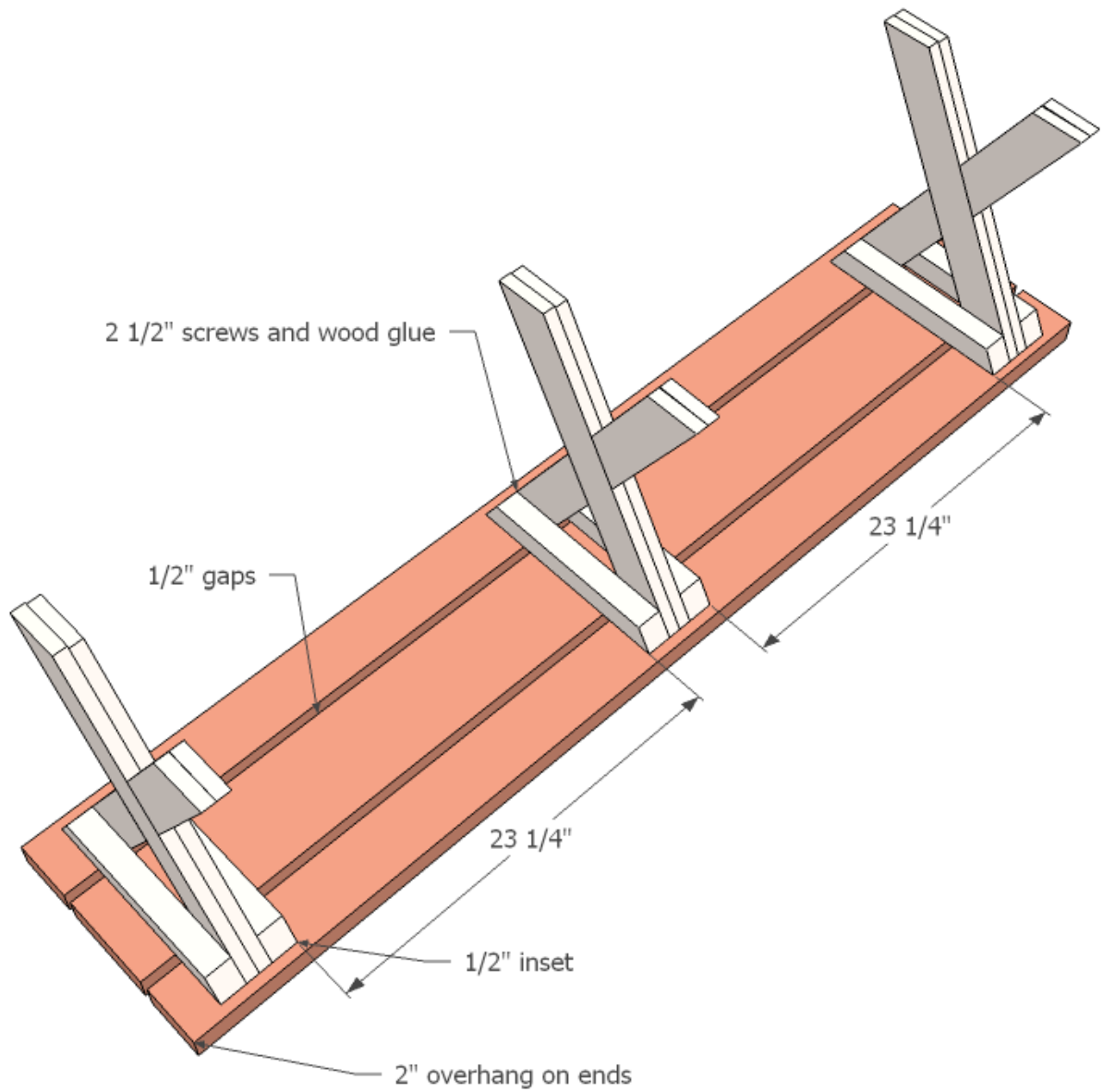
Fill in the spaces with the smaller leg pieces, using 1 1/4" fasteners and wood glue.

Step 3



Attach top blocks with 2 1/2" screws and wood glue.

Step 4



Attach the legs to the tabletop boards with 2 1/2" screws and wood glue.

Step 5

