

Angled Base Dining Table

By **Charleston Crafted**

Difficulty

Advanced

This DIY angled base dining table is sleek, modern and open and perfect for an open concept home. This build is really easy and is made entirely out of dimensional lumber available at the hardware store. This plan is perfect for those looking for a modern design to be the star of their home!



Tools

Kreg Tools

 [Wood Project Clamp - 6"](#)

 [Kreg® Pocket-Hole Jig 720](#)

 [Mobile Project Center](#)

Other Tools

Miter Saw

Tape Measure

Drill (cordless)

Router

Sander

Materials

Wood Products

7 Board , 1x6 , 72"

1 Board , 1x6 , 96"

3 Board , 1x2 , 96"

4 Board , 1x4 , 120"

Hardware & Supplies

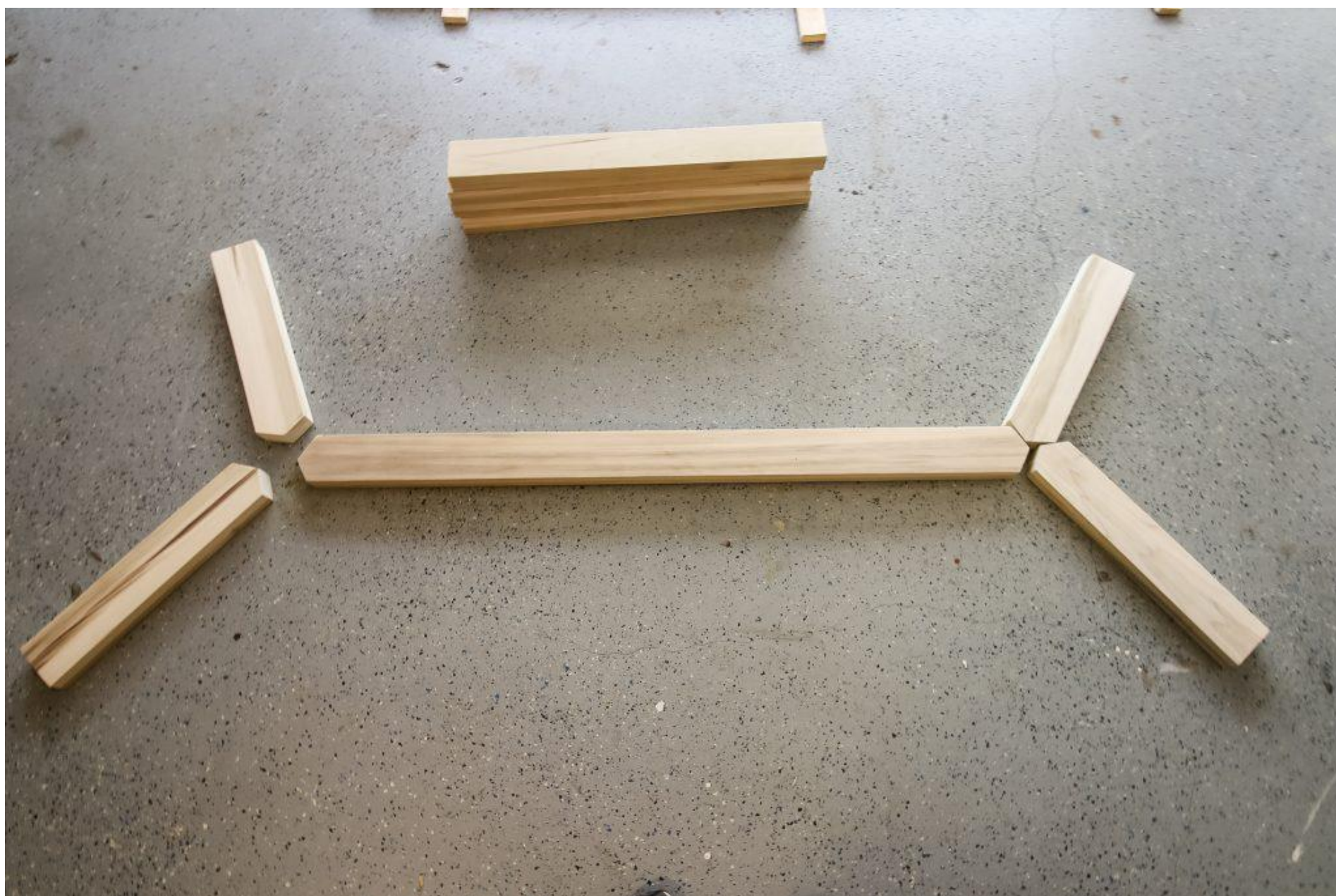
14 2 1/2" Kreg Screws

30 1 1/4" Kreg Screws

1 Wood Glue

Cut List & Parts

- 7 Long Tops , 3/4x5 1/2x72
- 2 Top Ends , 3/4x5 1/2x38 1/2
- 8 Angled Leg Bases , 3/4x3 1/2x18
- 8 Straight Legs , 3/4x3 1/2x29 1/4
- 2 Base Spreader , 3/4x3 1/2x52 1/4
- 2 Short Lips , 3/4x1 1/2x37 1/4
- 2 Long Lips , 3/4x1 1/2x75 1/2



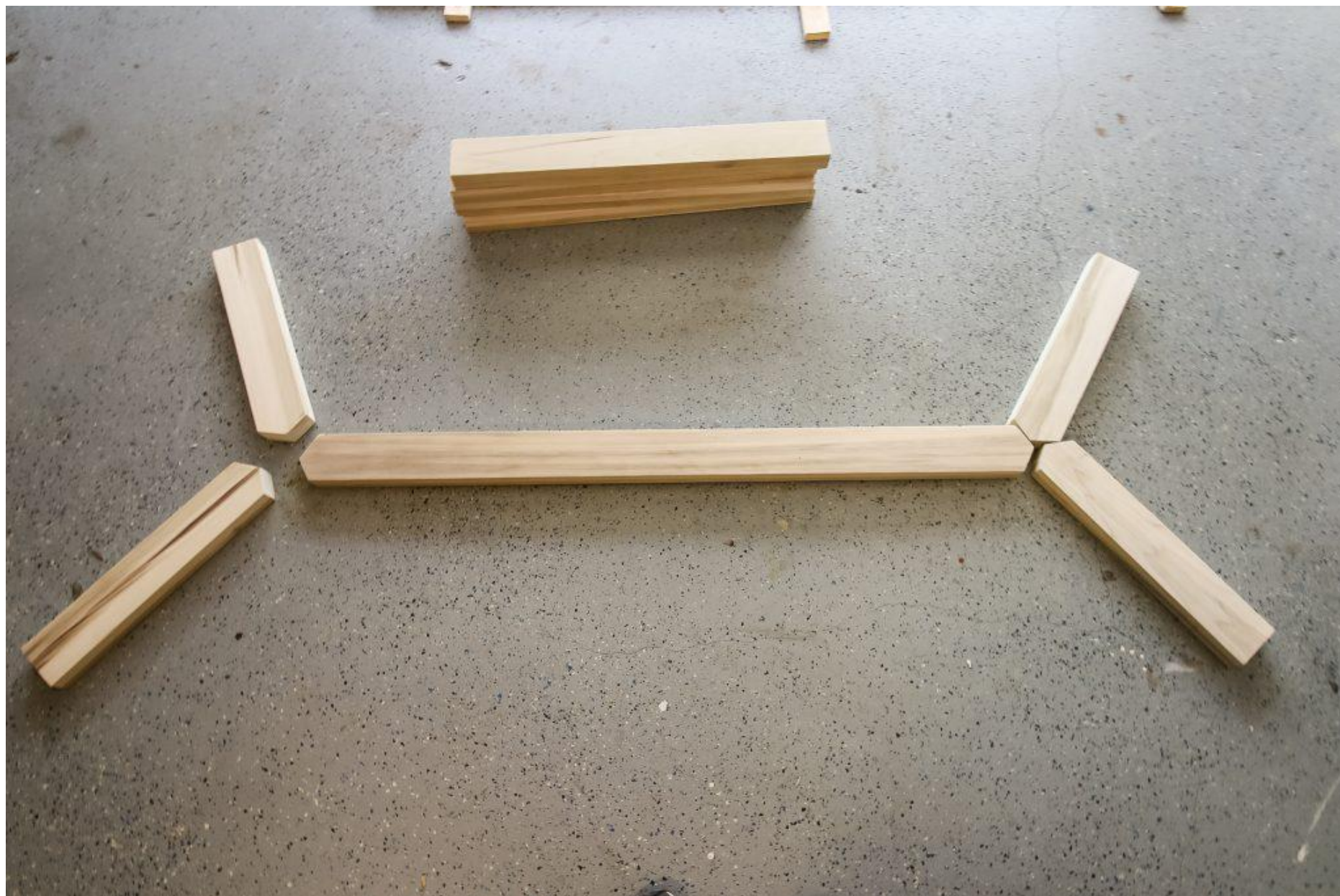
Directions

1

Glue and Cut Base Pieces

All of the base pieces are made from two 1x4s glued together. You can also use 2x4 lumber for the base if you want to go with a more rustic look. This would eliminate the need for gluing. Glue 1x4 boards together, then make cuts for base.

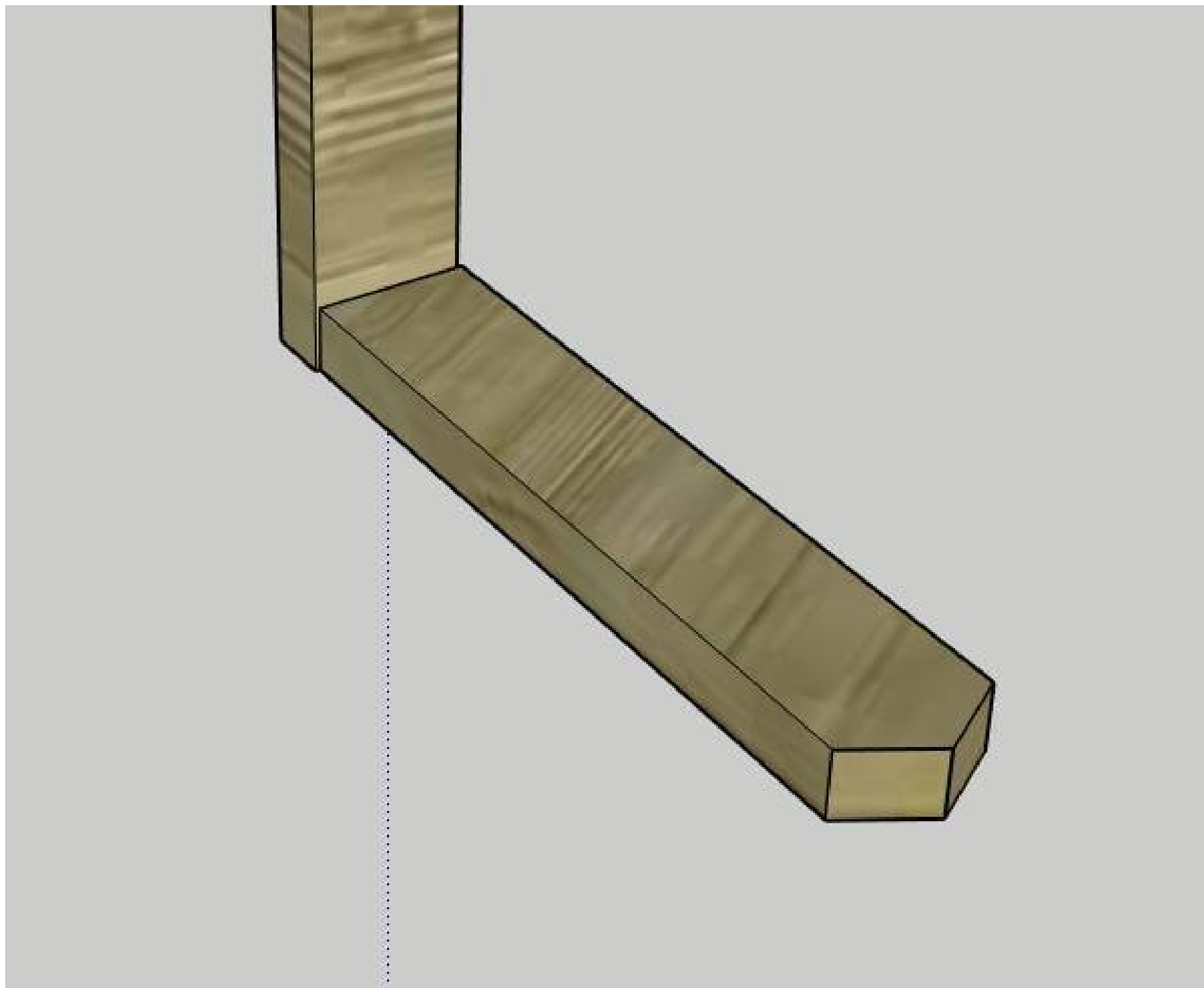
For top, make cuts as specified.



2

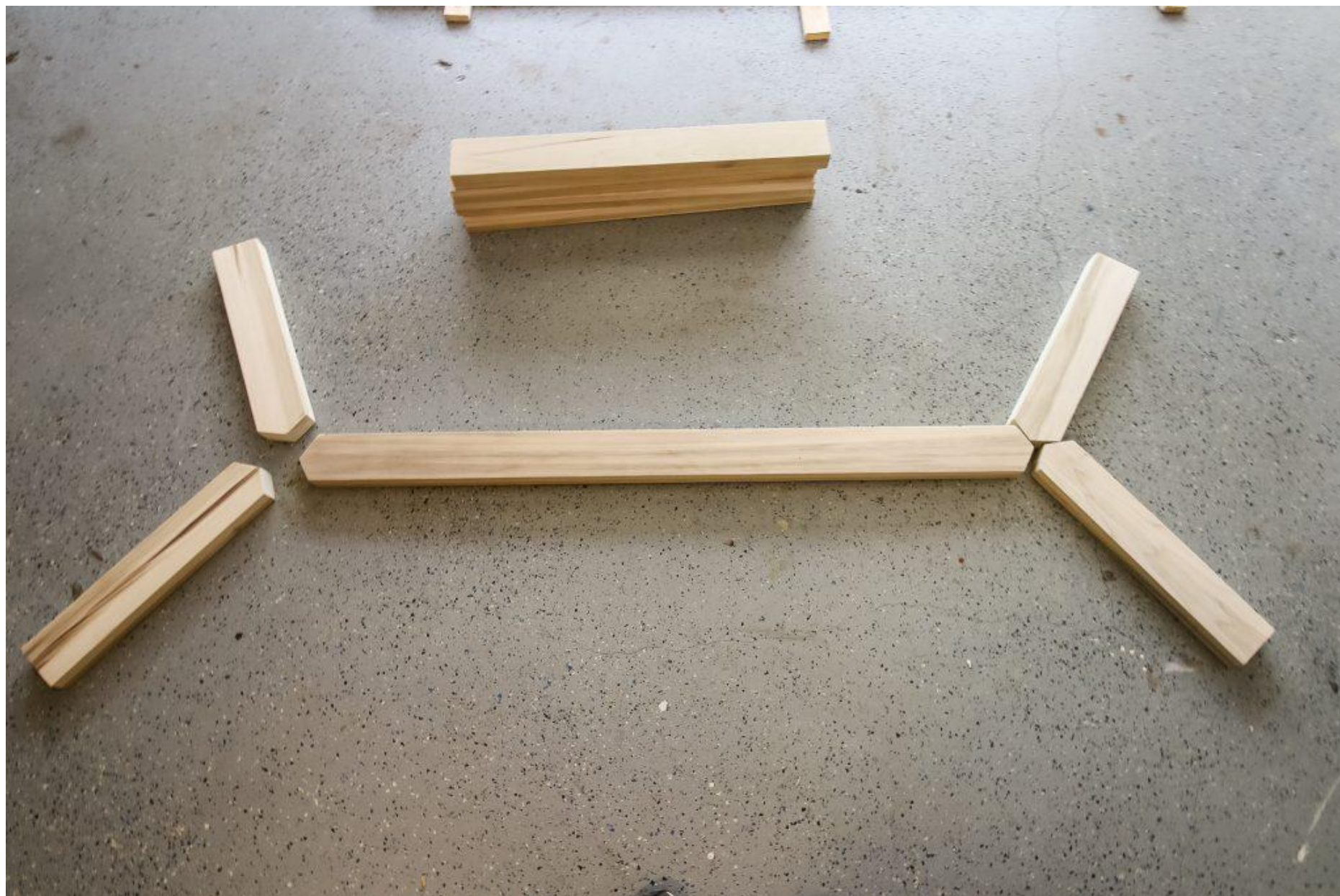
Construct Legs

On each of the four Angled Base Pieces, mark the center of one short end, then cut off a 30 degree angle to both sides, creating a point. Drill two pocket holes in the other end and connect to the Straight Legs.



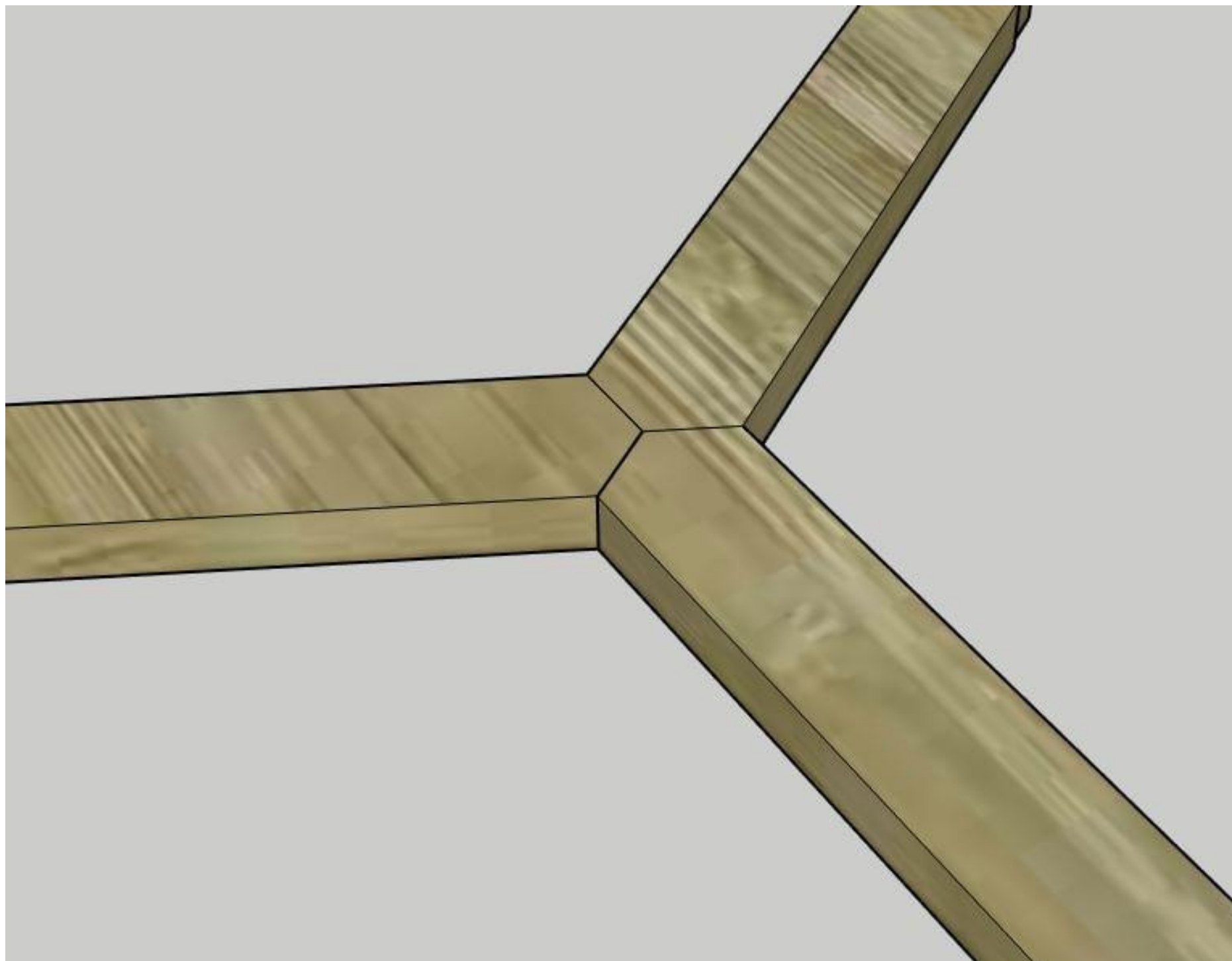
3**Cut Base Spreader**

On the Base Spreader, mark the center of each short end and cut off a 30 degree angle to both sides, the same as in the previous step.



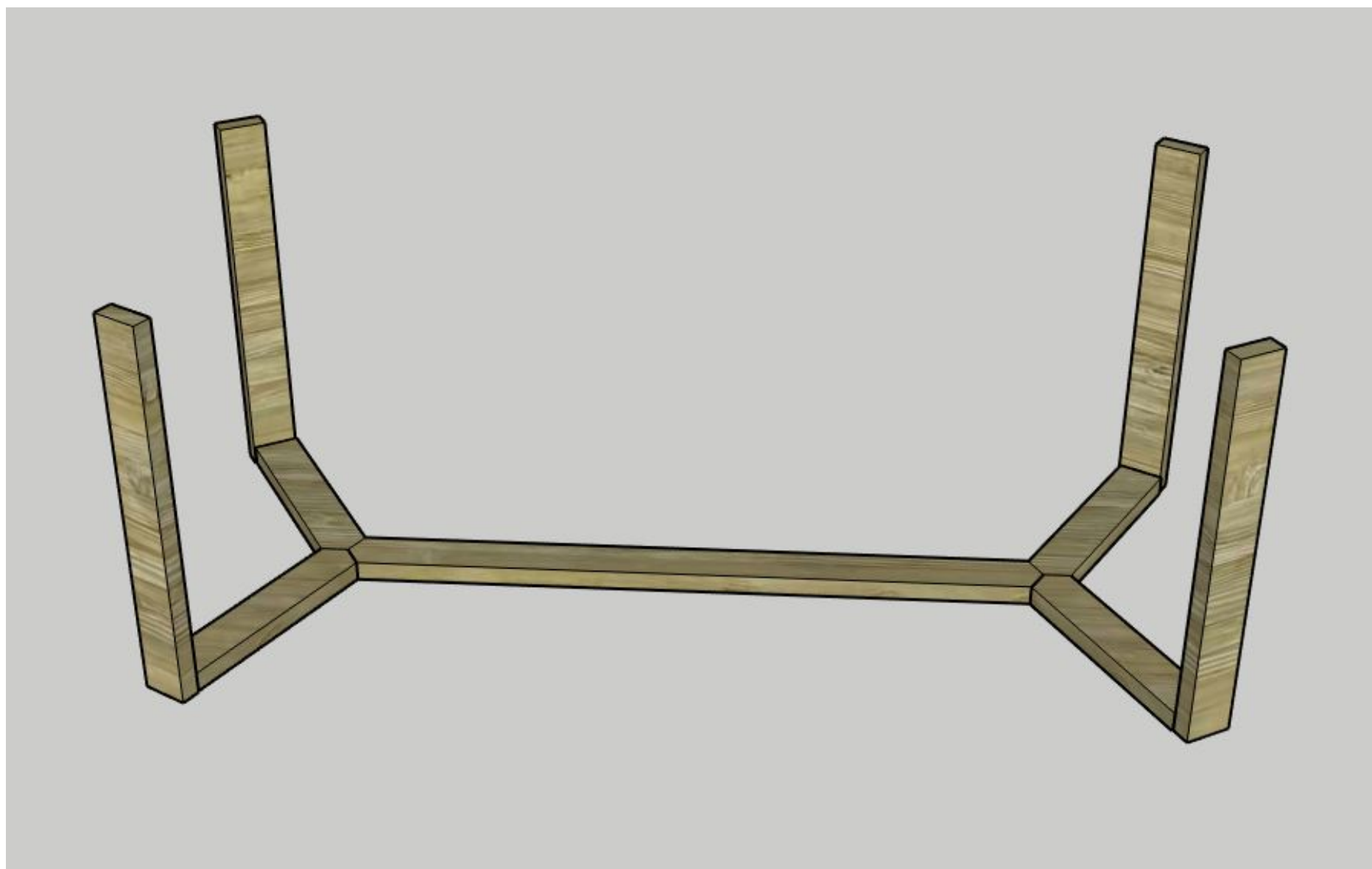
4**Assemble Base**

Drill one pocket hole to the left angle of each Angled Leg Base piece and the Base Spreader. Using pocket screws and wood glue, attach where all three angles meet.



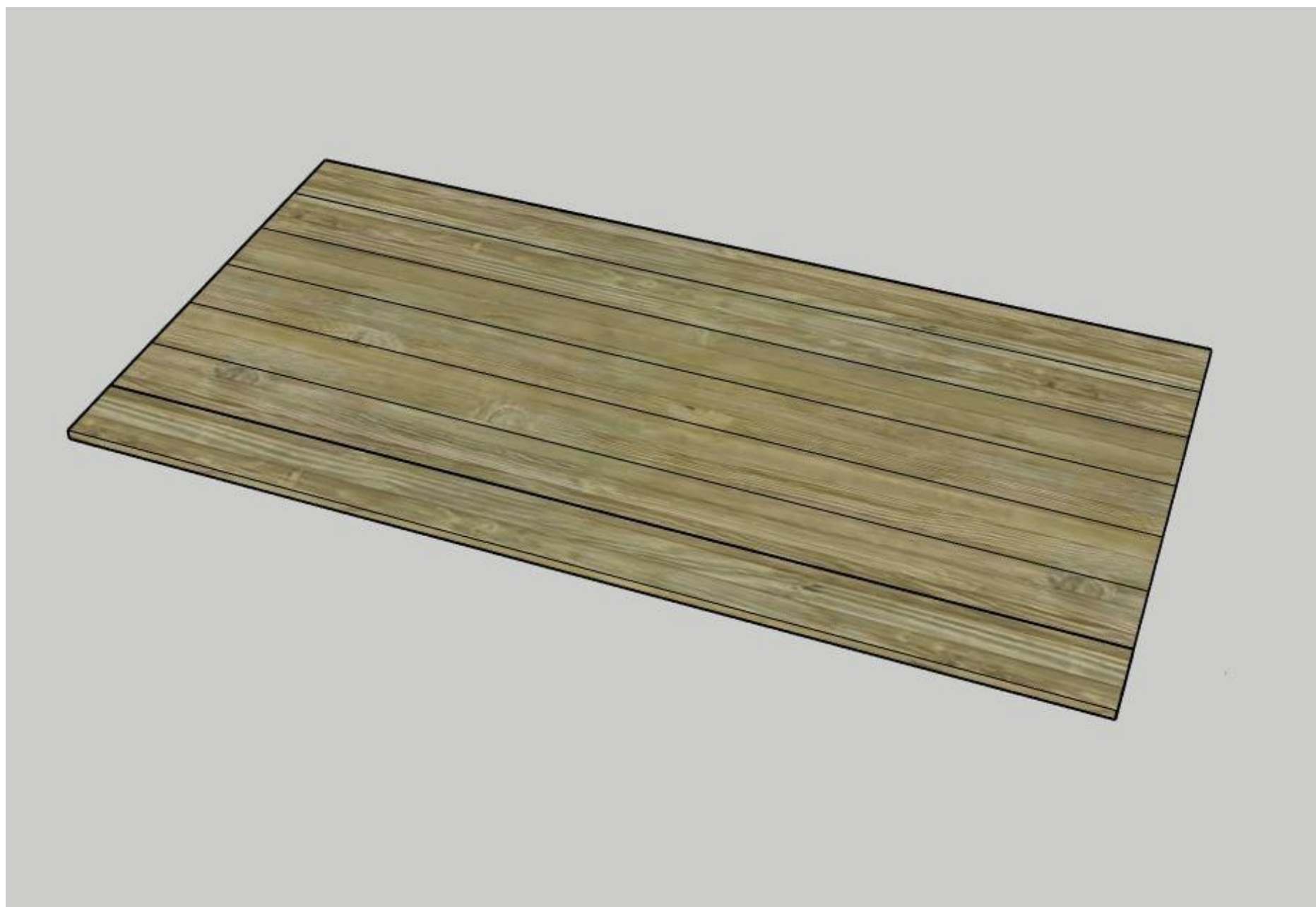
5**Repeat**

Repeat on the other side and finalize base assembly.



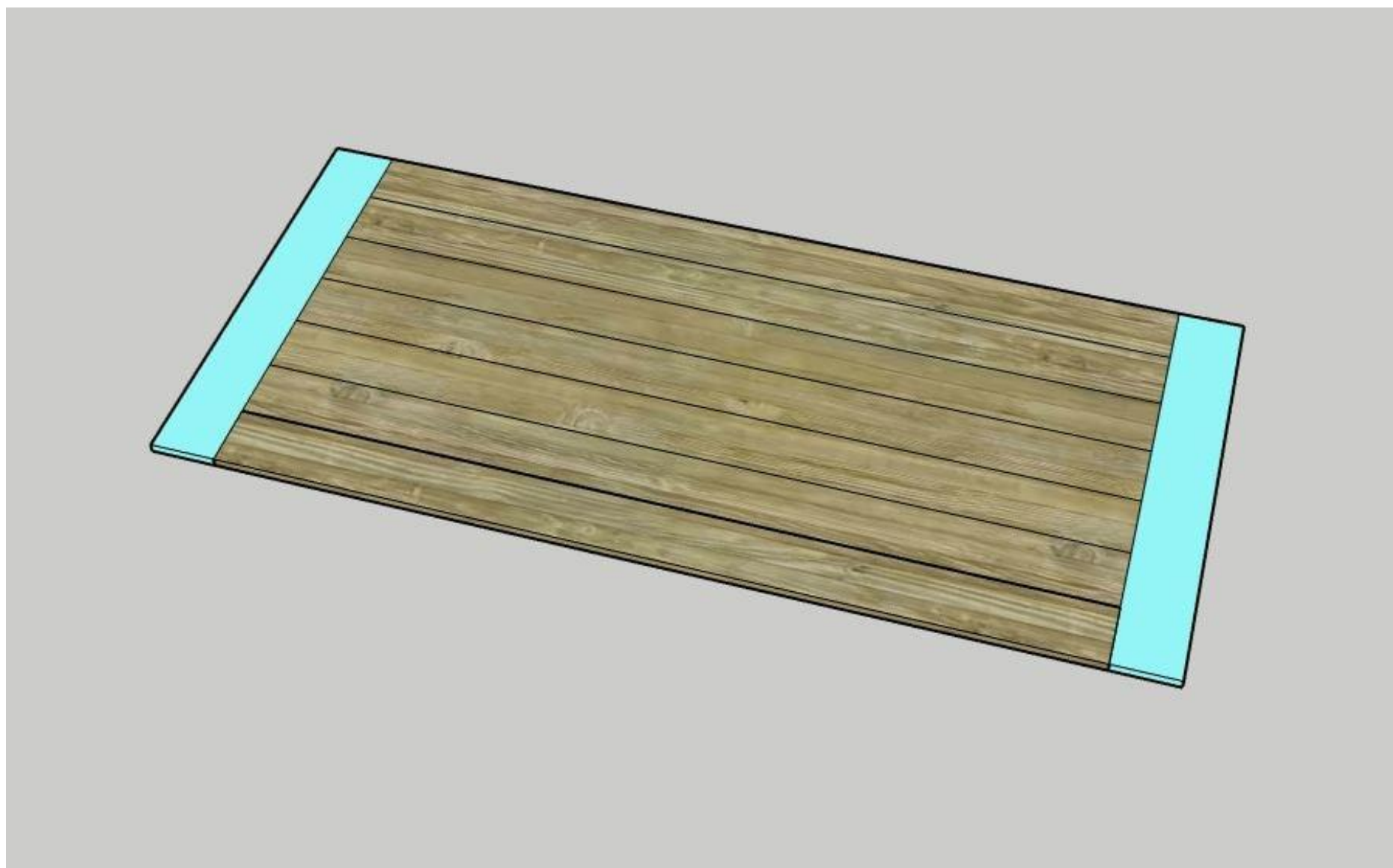
6**Construct Top**

Attach all of the Long Top pieces together with pocket holes and screws.



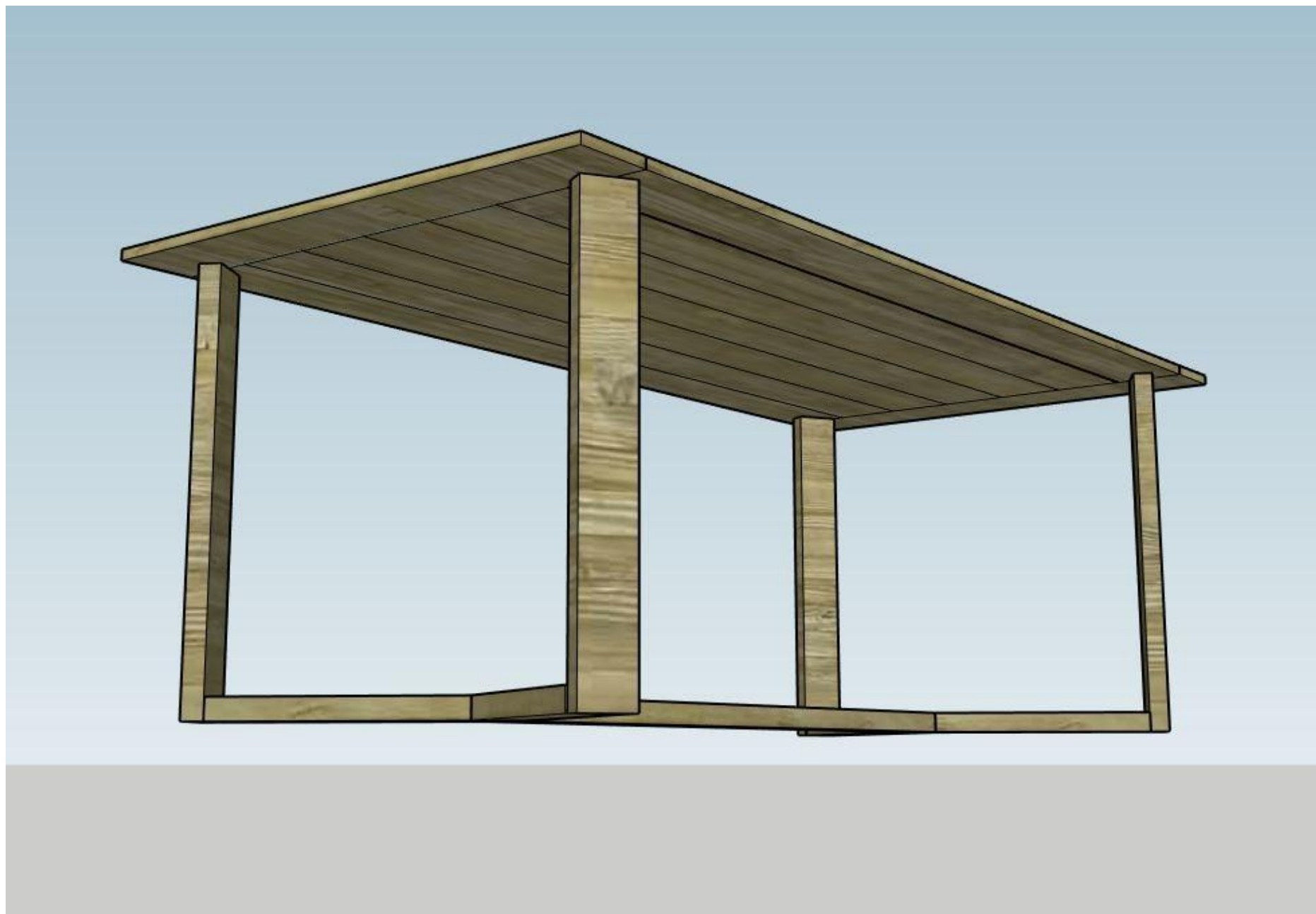
7**Add Top Ends**

Then attach the two Top Ends to either edge.



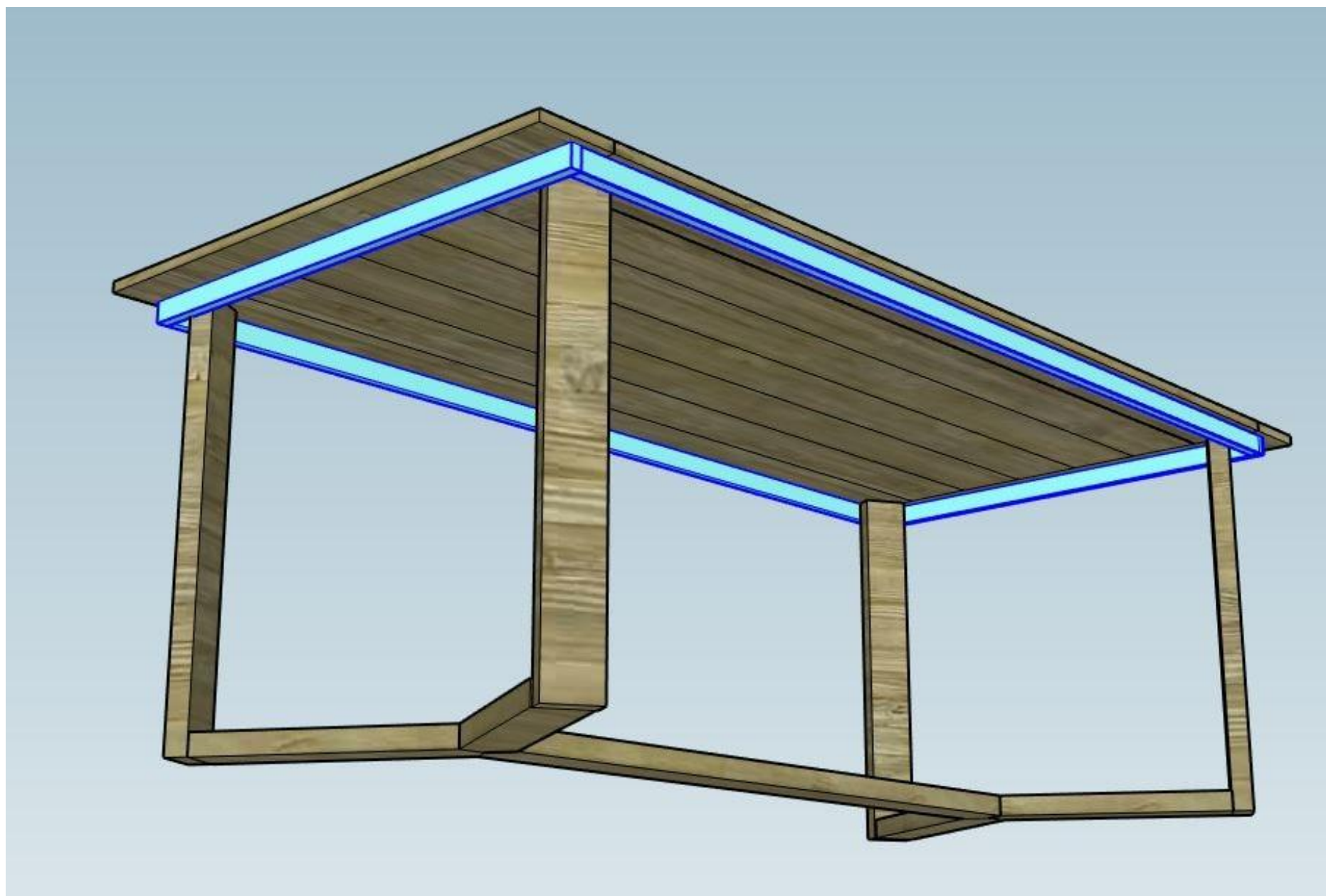
8**Attach Top to Base**

Drill two 3/4" pocket holes on the end of each Leg (this is important because the top is not the same thickness as the legs, so you must drill holes appropriate for the top's thickness). Center the Top on the Base and attach with pocket hole screws.



9**Add Lips Around Legs**

Attach the Short and Long Lips to the underside of the table on the outside of the Legs using finishing nails and wood glue.



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