

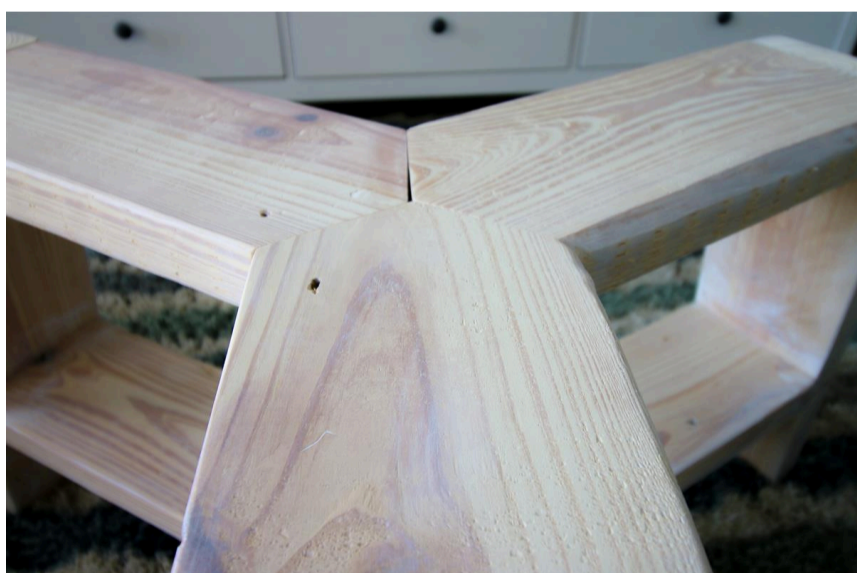
# Geometric Round Coffee Table

By **Charleston Crafted**

Difficulty

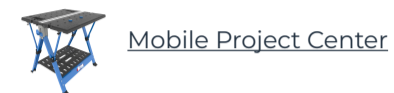
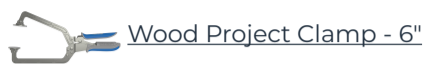
Easy

This DIY geometric coffee table was easy to put together and is easily customizable with a color to match your decor! We love the geometric table base that makes this table shine. Its two-tiered round table design allows you to have storage and keep your table top less cluttered. Check out our plans!



# Tools

## Kreg Tools



## Other Tools

Miter Saw

Square

Drill (cordless)

Sander

Tape Measure

# Materials

## Wood Products

2 Board , 2x6 , 96"

1 Edge Glued Table Top Panel , 1" Thick , 36" Diameter

## Hardware & Supplies

24 2 1/2" Kreg Pocket Hole Screws

1 Wood Glue

1 Stain Of Your Choosing

1 Polyurethane

# Cut List & Parts

- 3 Legs , 2"x6"x24"
- 3 Top Beams , 2"x6"x14"
- 3 Lower Beams , 2"x6"x17"





# Directions

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**1**

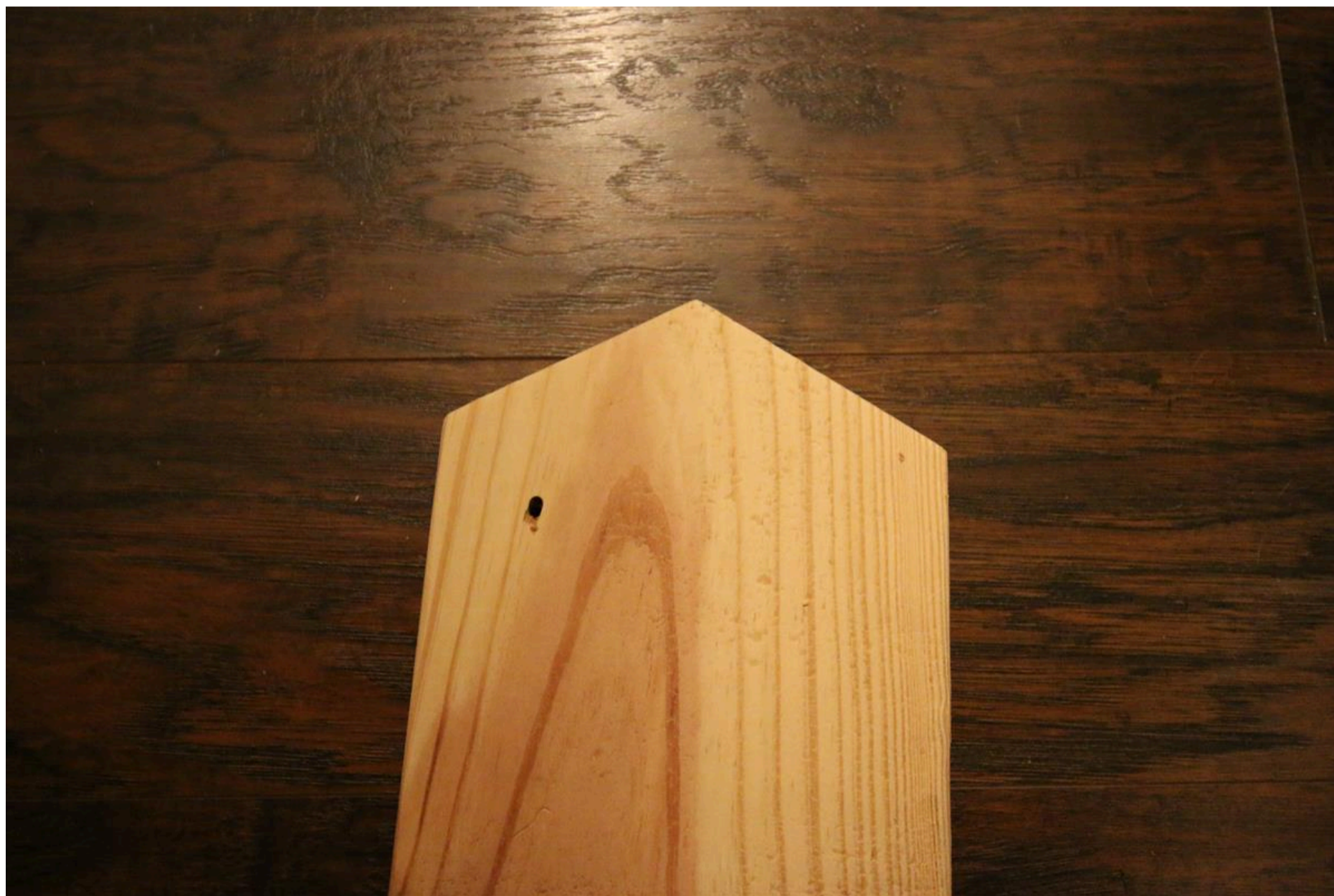
## Legs

Start by cutting your legs. Cut three boards to 24" with parallel 10 degree miter cuts on each end.



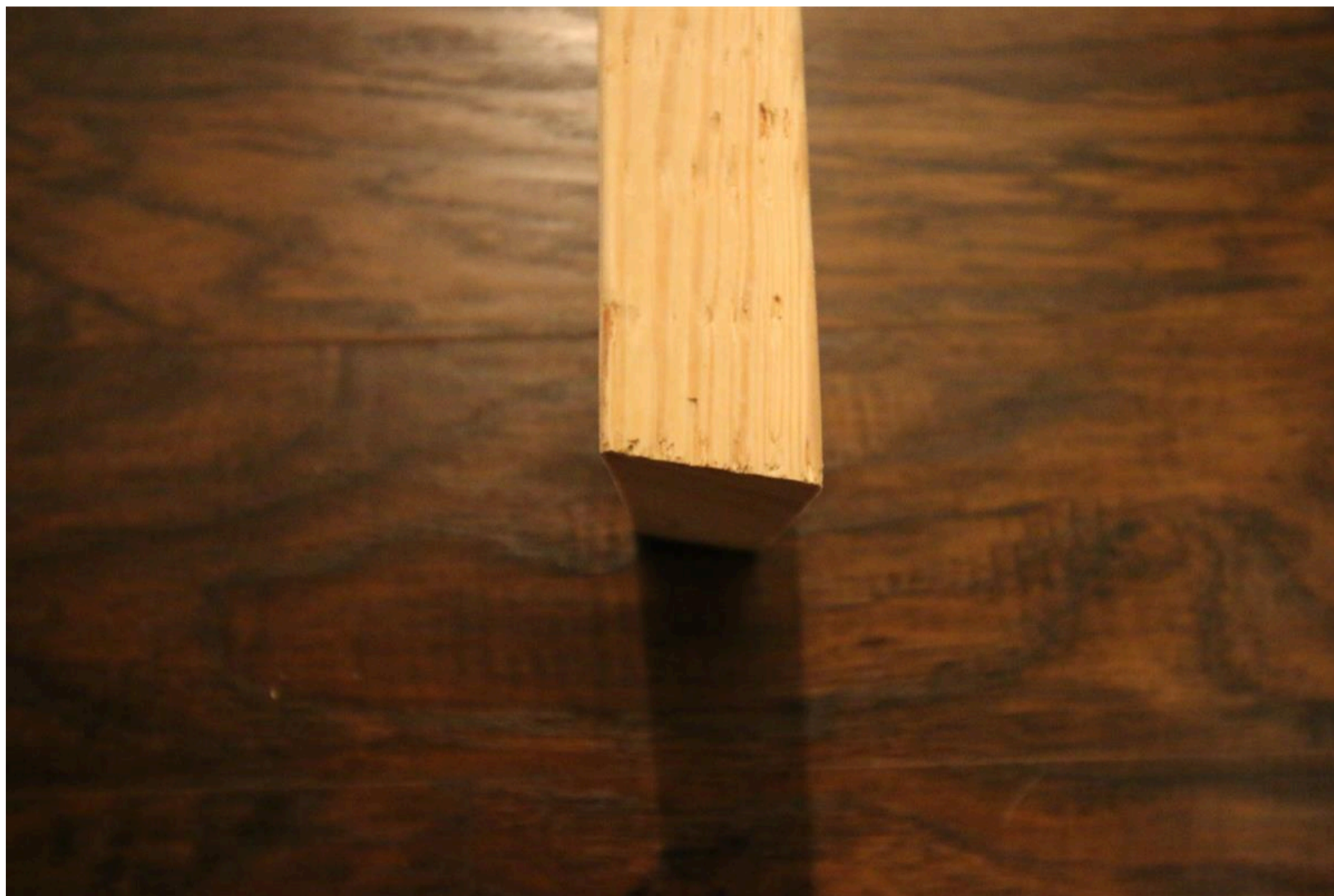
**2****Top Beams**

Next, work on your three top beams. Start by cutting a 120 degree angle on the end of a piece of wood. To do this, mark the middle of the end of your board, then cut a 30 degree angle from there to each side. Then, measure 14" from the tip and mark a line on your board. Cut your board there with a 10 degree mitered cut.



**3****Lower Beams**

For the three lower beams, you're going to do the exact same thing as the Top Beams, but make them longer. Cut the same 120 degree angle on the end of a board, but then measure 17" from the point and mark your board. Then cut the 10 degree mitered angle there.



**4****Drill Pocket Holes**

Time to drill your pocket holes. Don't drill anything on the legs. Make sure that you're working on the underside of your boards. You should drill all of your holes on the long side of each board. On each of the top and lower beams, drill two pocket holes on the mitered edge to connect to the legs. Then, on the points, drill two pocket holes on each tip, but make sure they are drilled in places that won't run into other screws. See the picture.





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### Connect Top Beams

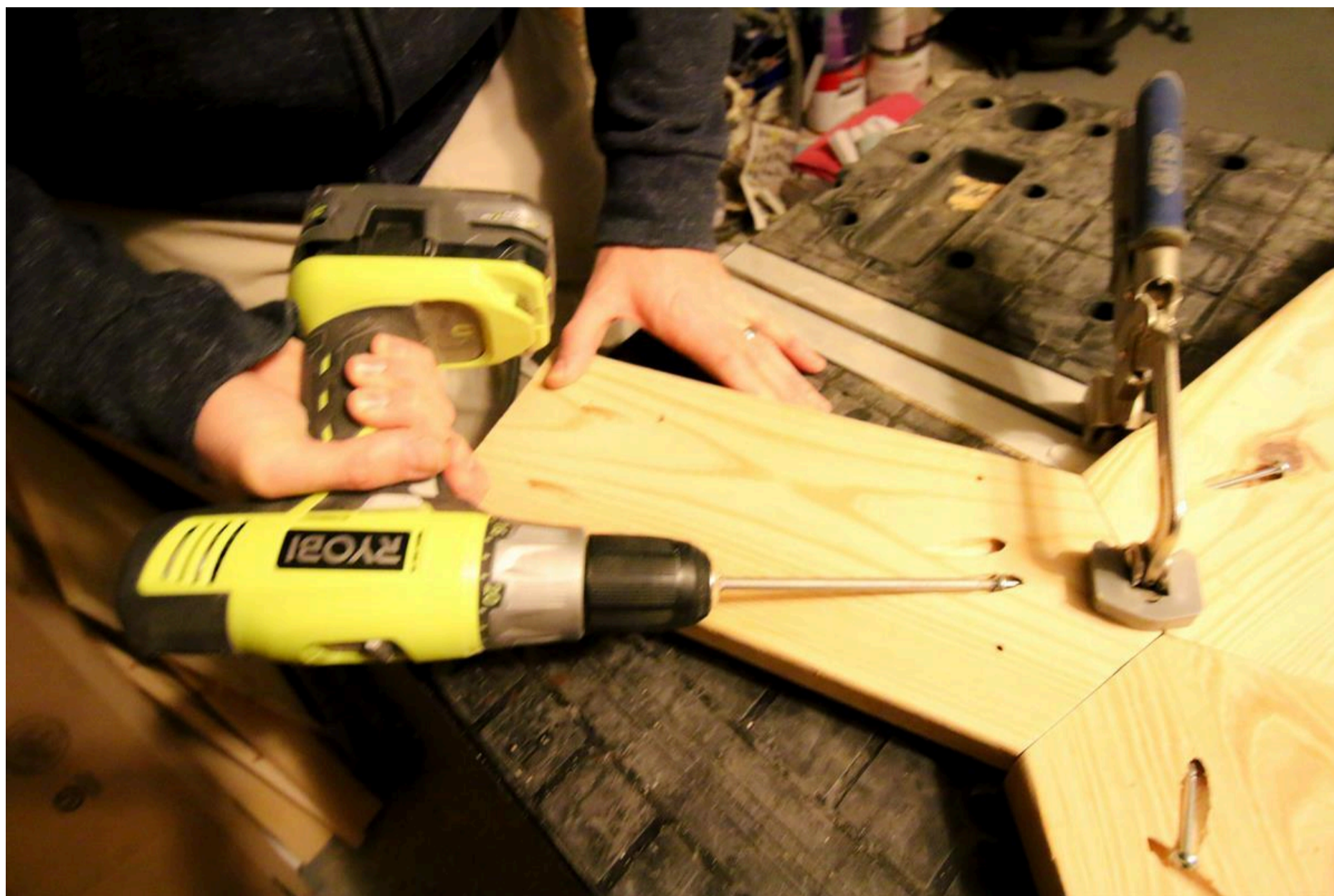
Use 2 1/2" Kreg pocket screws to attach your top beams together at the points.



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### Connect Lower Beams

Use 2 1/2" pocket screws to connect your lower beams together at the points.



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### Attach Top Beams to Legs

Clamp your top beams down on something like the Kreg Mobile Project Center. Use 2 1/2" Kreg pocket screws to attach the top beams to the ends of your three legs.



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### Attach Lower Beams to Legs

Slide your lower beams down until they encounter the legs on all three sides. This should be about 8" from the bottom of the legs. Use 2 1/2" Kreg pocket screws to attach the lower beams to the legs.



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### Stain Geometric Legs

Stain your geometric coffee table legs whatever color matches your decor. Then, apply polyurethane for protection.



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### Apply a Top

Finally, apply a top to the geometric base. A 36" diameter round top will work best for this size leg base. If you are looking to really see the design well, a glass top will work best and can just rest on top. If you want a wood top, you can either cut one, or purchase a prefabricated round wood top and attach it to the base with wood glue and clamps.



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