

# Moore Family Farmhouse Table

By **Jen Woodhouse**

Difficulty

Moderate

This beautiful farmhouse dining table will seat 8 people comfortably. Store-bought turned furniture legs and off-the-shelf lumber make this table an easy and accessible DIY project.



# Tools

## Kreg Tools



## Other Tools

Circular Saw (corded)

Jointer

Square

Table Saw

Tape Measure

Thickness Planer

Clamps

Drill (cordless)

Sander

# Materials

## Wood Products

- 3** Board , 2x4 , 96"
- 3** Board , 2x10 , 96"
- 4** Board , 2x8 , 96"
- 4** Turned Dining Table Legs , 3 1/2" X 3 1/2" , 29"

## Hardware & Supplies

- 1** 2 1/2" Pocket Screws
- 10** Figure 8 Tabletop Fasteners

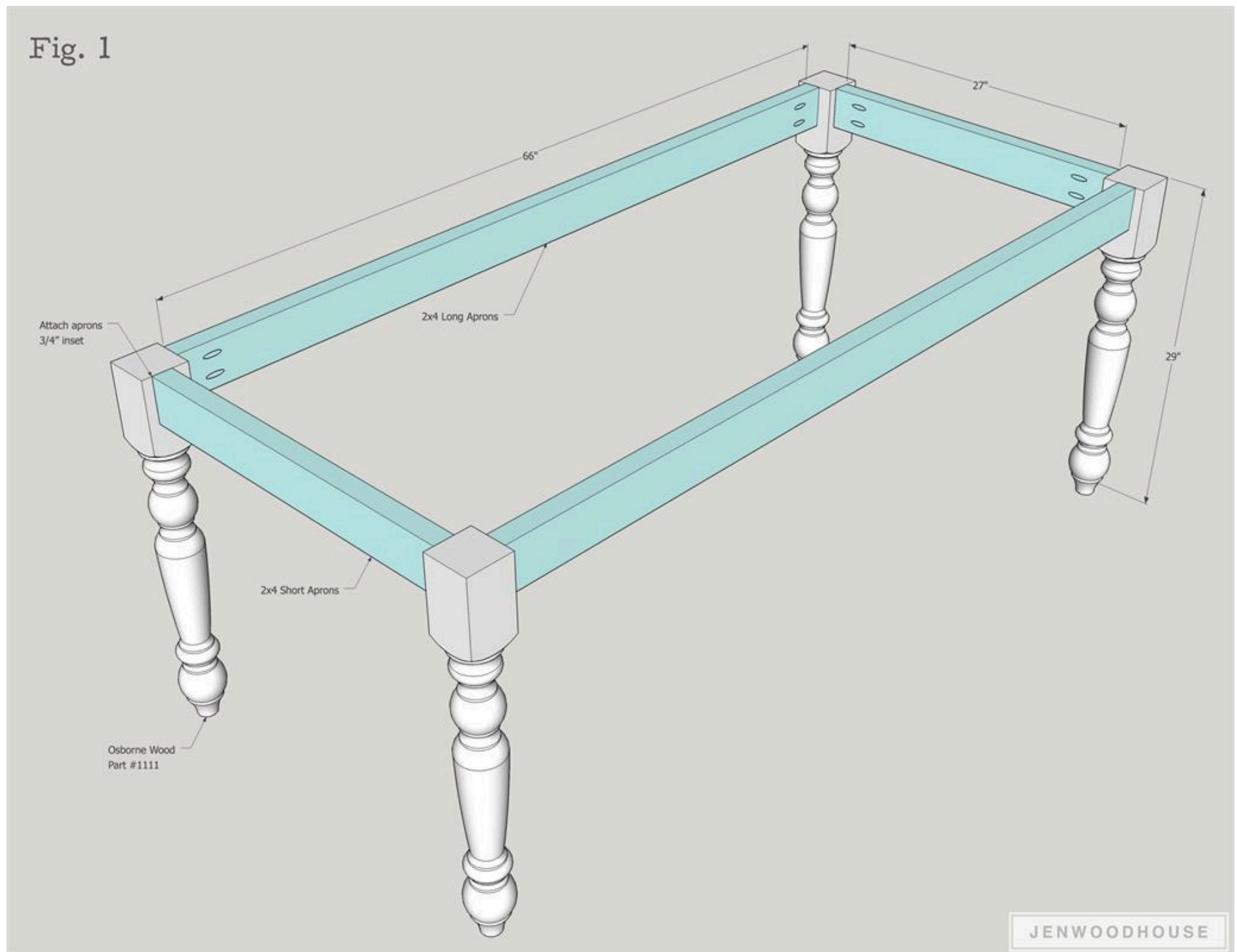
# Cut List & Parts

- 4 Turned Dining Table Legs , 29"
- 2 2x4 Long Aprons , 1 1/2" X 3 1/2" X 66"
- 2 2x4 Short Aprons , 1 1/2" X 3 1/2" X 27"
- 3 2x4 Supports , 1 1/2" X 3 1/2" X 29 1/2"
- 3 2x10 Tabletop Boards , 1 1/2" X 9" X 66"
- 2 2x8 Tabletop Boards , 1 1/2" X 7" X 66"
- 2 2x8 Breadboards , 1 1/2" X 7" X 41"

# Directions

**1****Build the Carcass**

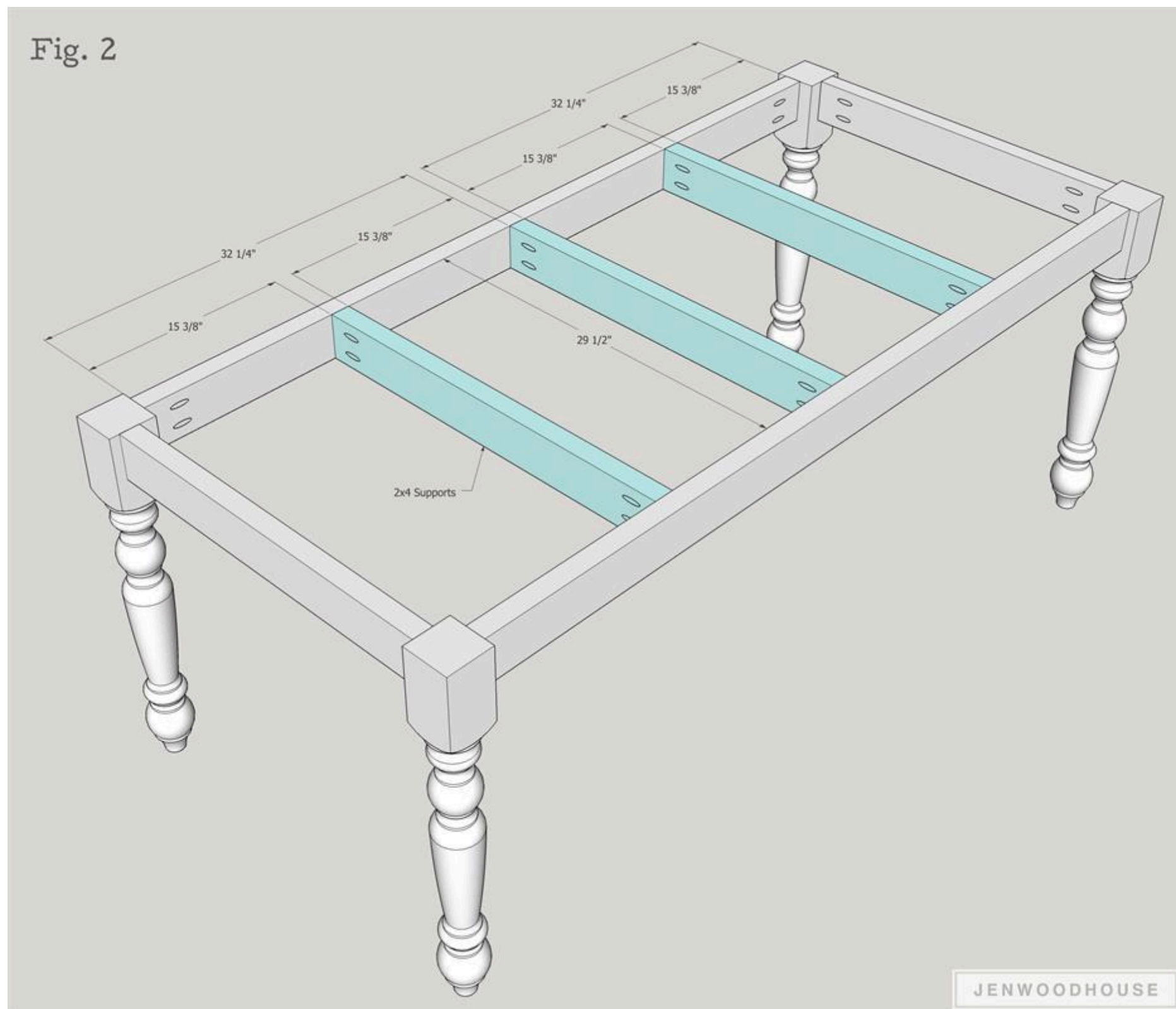
Measure, mark, and cut the 2x4 aprons to length. Drill 1 1/2" pocket holes into the ends of the aprons, position them 3/4" inset from the outside edges of the legs and attach with 2 1/2" pocket screws and wood glue. Check for square and adjust if necessary.



## 2

**Add Tabletop Supports**

Measure, mark, and cut the 2x4 supports to length. Drill 1 1/2" pocket holes into the ends and attach, as shown, to the long aprons with 2 1/2" pocket screws and wood glue.





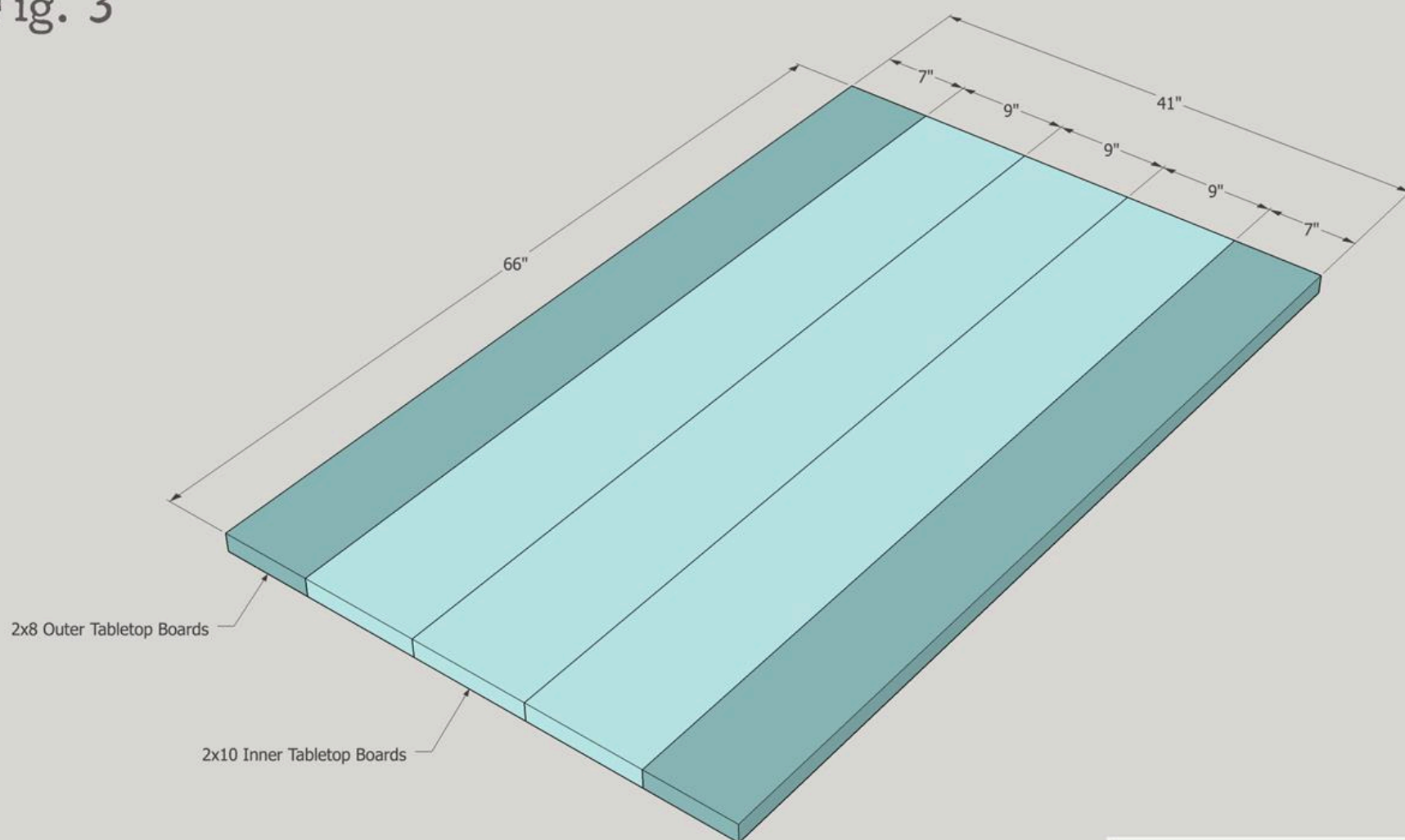
## 3

**Build the Tabletop**

Using a table saw, rip 1/8" off of each edge of the 2x8 and 2x10 boards. This will square up the bullnose edges of the boards and ensure a tighter joint. The 2x10 boards should now be 9" wide and the 2x8 boards should be 7" wide.

Measure, mark, and cut tabletop boards to length. Edge-join the boards together with wood glue. Be sure to spread the glue evenly over the entire surface of the edges. Use clamps and cauls to ensure the boards are tight, aligned, and flat. Clamp and allow wood glue to dry completely.

Notice that the 2x8 boards are the outer boards and the 2x10 boards are on the inside.

**Fig. 3**

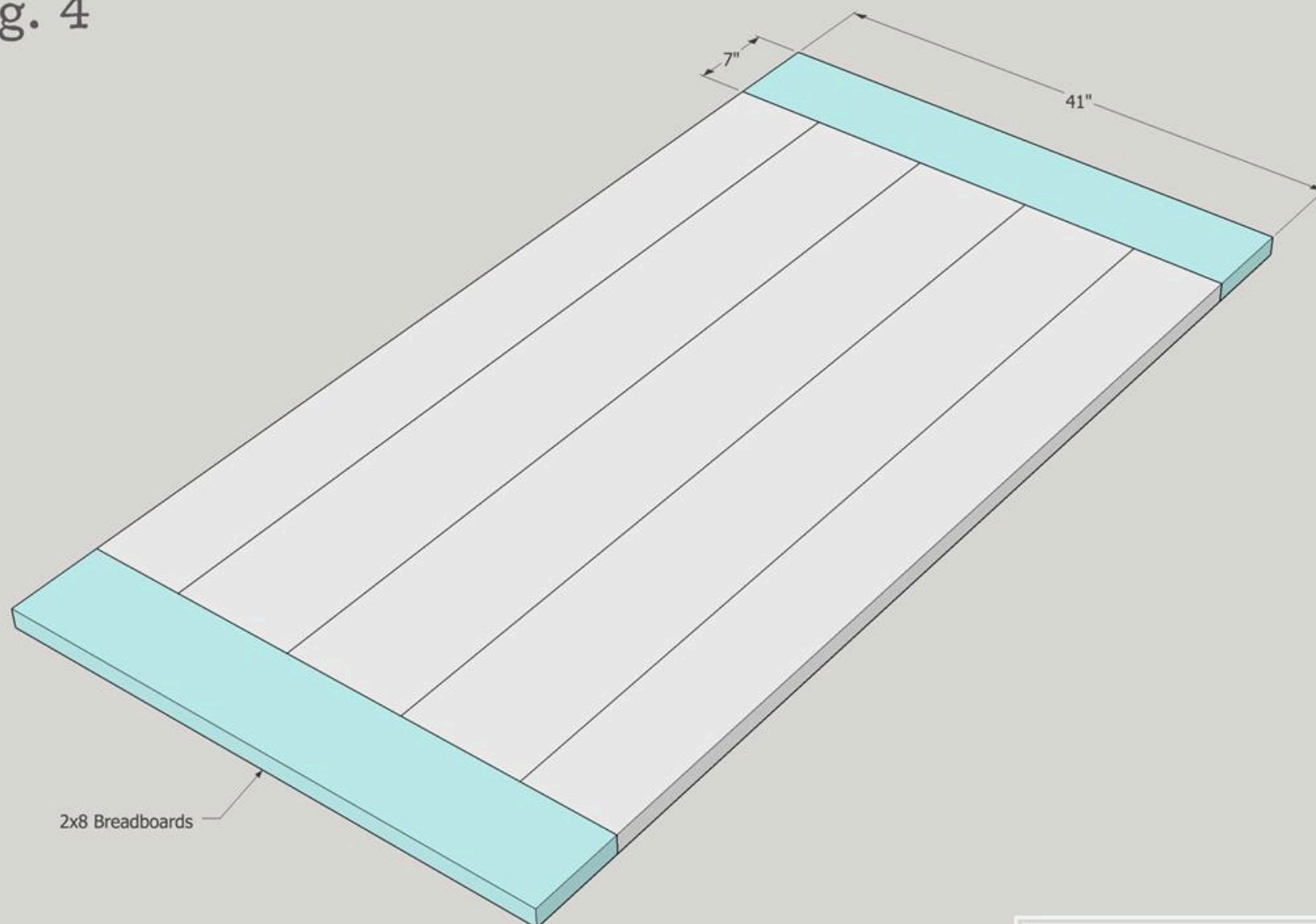
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## 4

**Attach the Breadboards**

Measure the width of the constructed tabletop and cut the breadboards to fit. It's best to use mortise and tenon joinery to attach the breadboard ends to the tabletop. The floating tenons will allow for wood movement as the wood expands and contracts due to changes in temperature and humidity.

Fig. 4



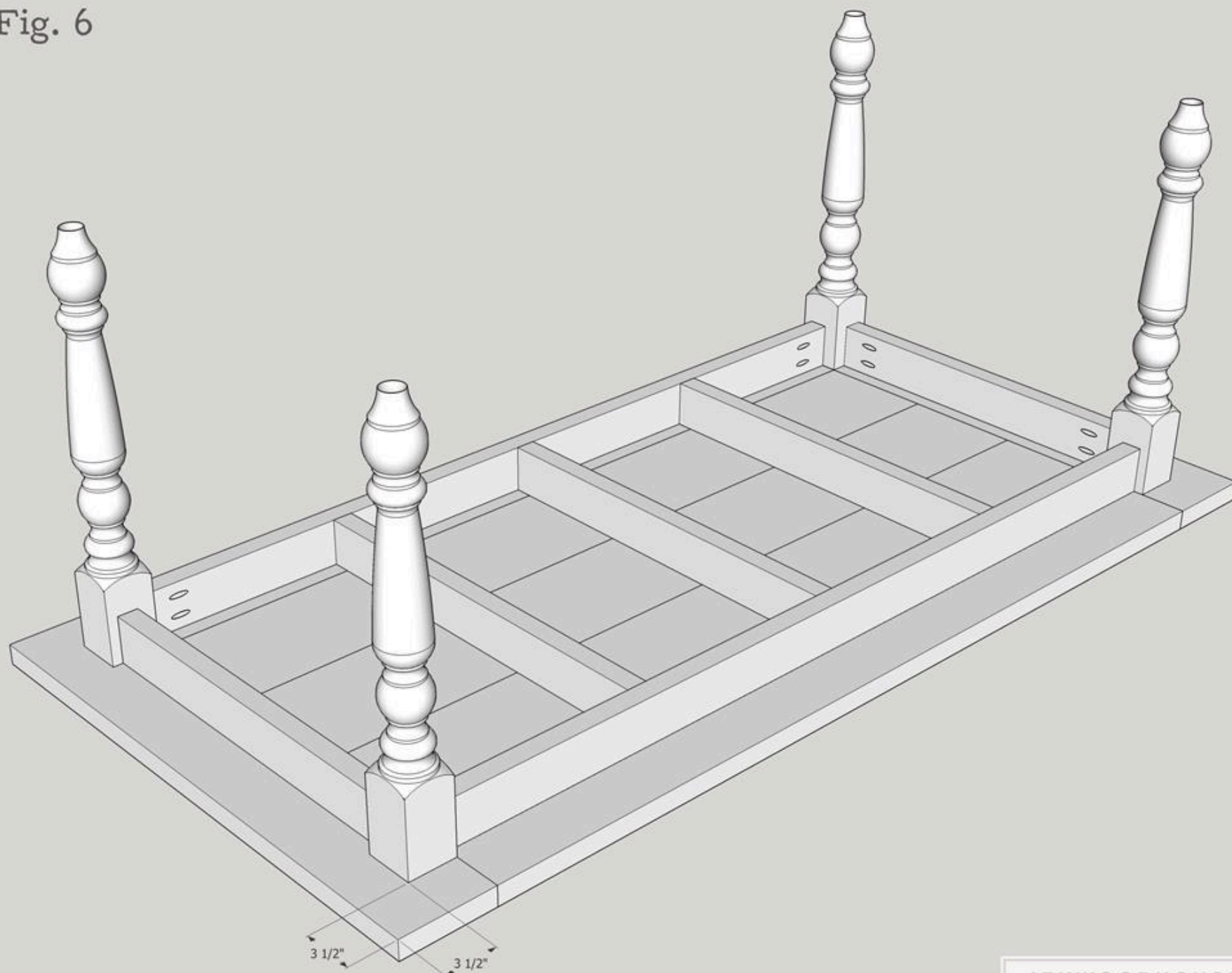
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**5****Attach the Base to The Tabletop**

Center the base over the tabletop as shown and secure the base to the top with figure 8 tabletop fasteners. There should be a 3 1/2" overhang on all sides.

Sand, paint and/or stain, and finish as desired.

Fig. 6





**6****Install Figure 8 Tabletop Fasteners**

Use a forstner bit to drill an inset hole for the figure 8 tabletop fasteners to sit flush into the aprons. This will be to attach the tabletop in the next step. These tabletop fasteners will allow for wood movement as the wood expands/contracts due to temperature and humidity changes.



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