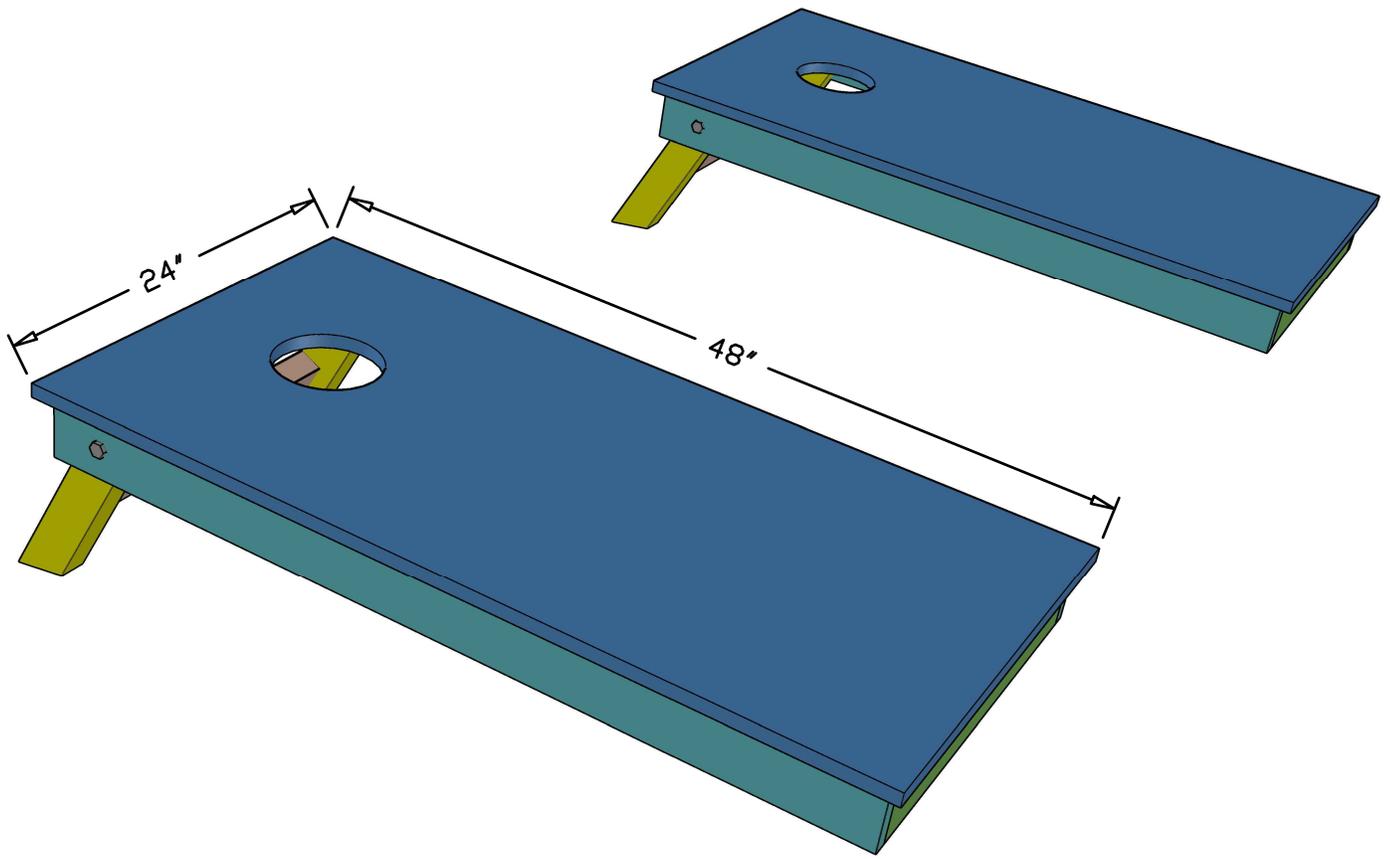


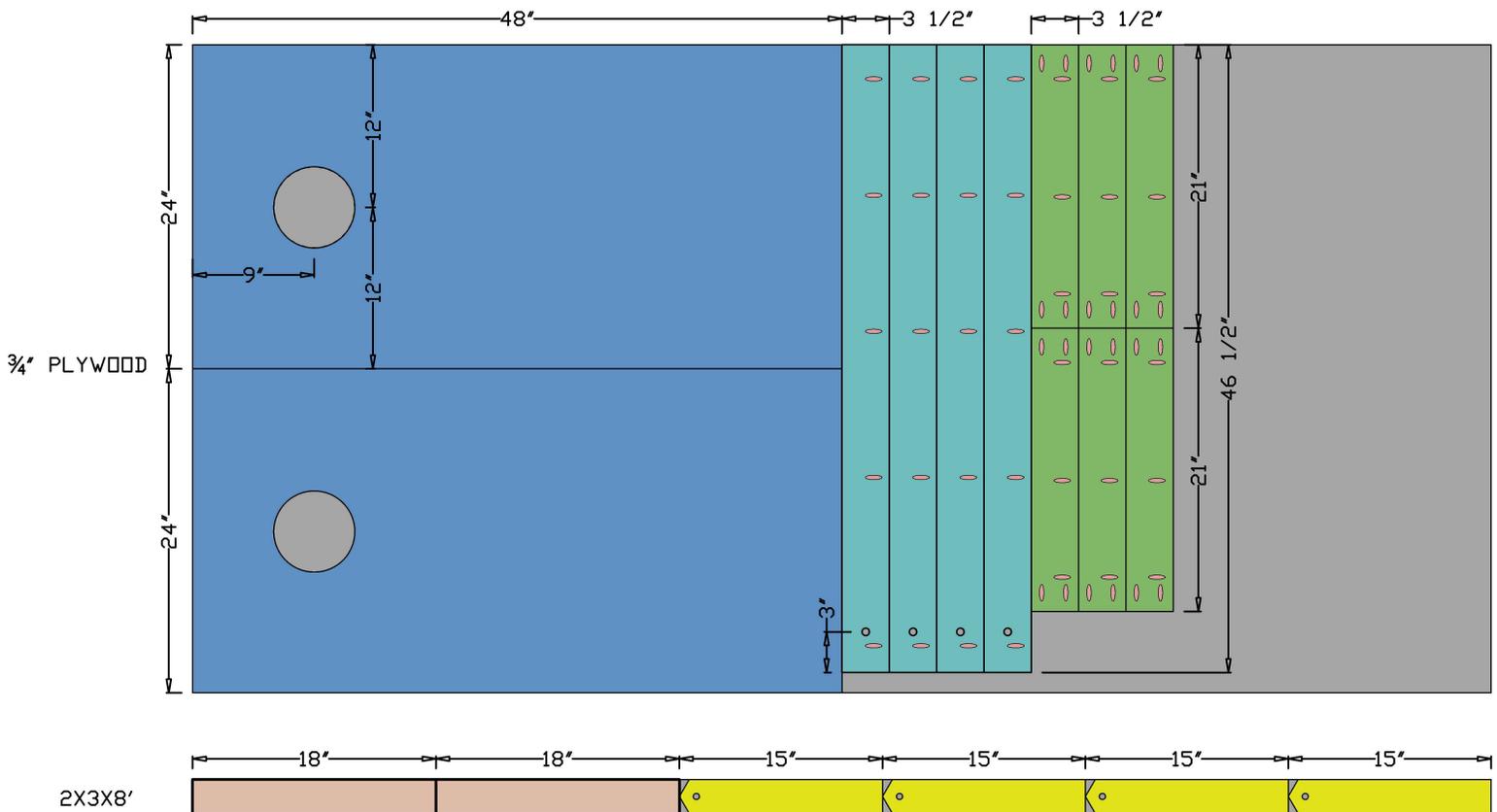


# CORNHOLE

Supplies		
Item	Quantity	Description
4'X8' - 3/4" Plywood	1	
2x3x8'	1	Construction lumber
1 1/4" Pocket Hole Screws		
2 1/2" Pocket Hole Screws		
3/8"x4" Bolts	4	
3/8" Nuts and Washers		8 nuts and 8 washers

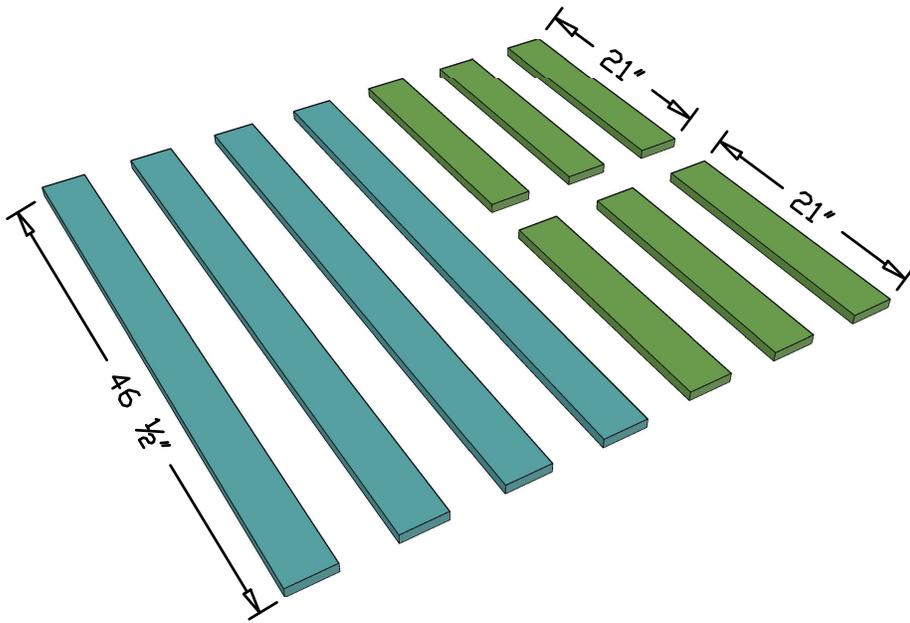
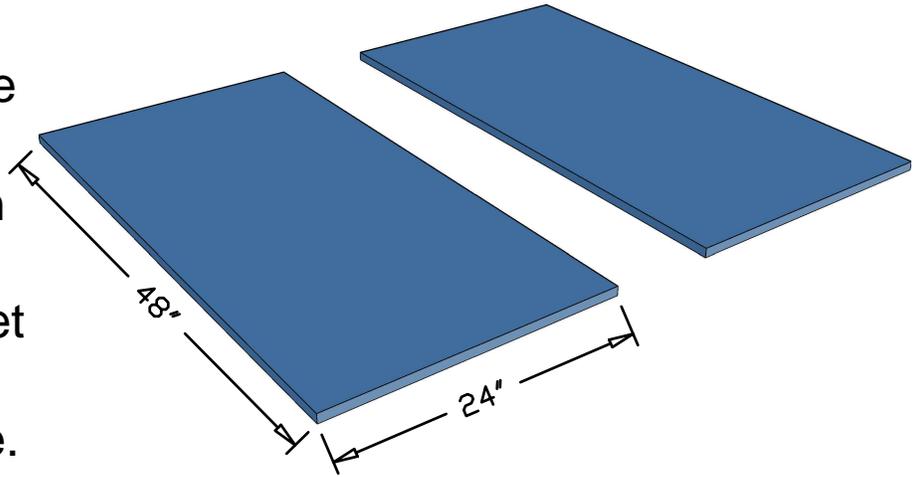


## Cut List



## Step 1

Take a full sheet of  $\frac{3}{4}$ " plywood and using a table saw (or a skill saw) cut 4 feet by 4 feet piece. Then cut that piece in half leaving you with two 4 feet by 2 feet pieces. This will be the top of the cornhole.

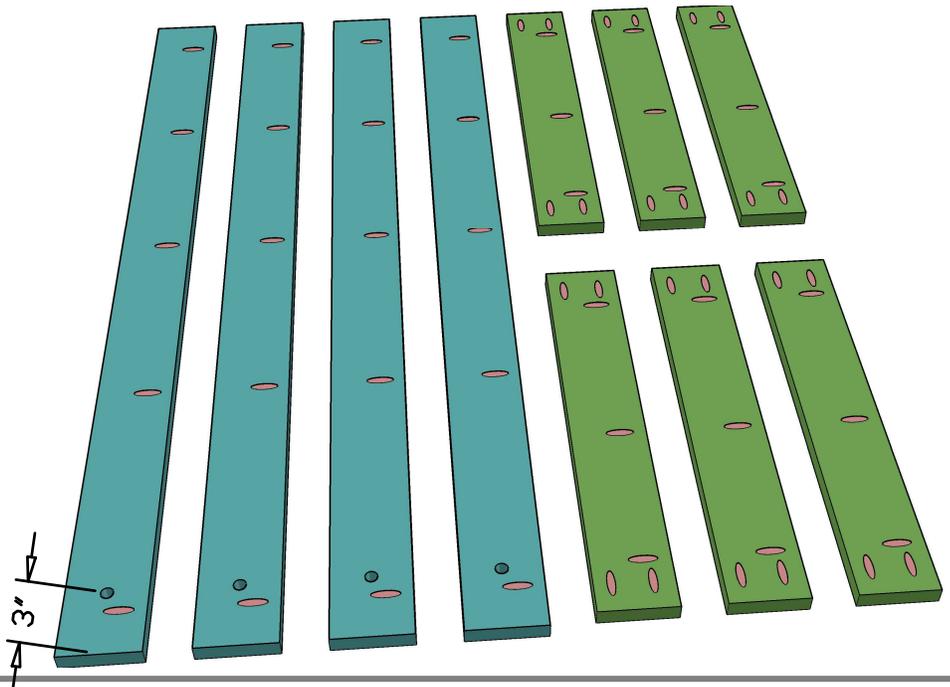


## Step 2

I prefer to have the side slightly shorter than the top board, I think it looks better (in my opinion). So using the remaining  $\frac{3}{4}$ " plywood, cut four long sides,  $46 \frac{1}{2}$ " x  $3 \frac{1}{2}$ ". Then cut four short sides and two middle board, total of 6 boards at  $21$ " x  $3 \frac{1}{2}$ ".

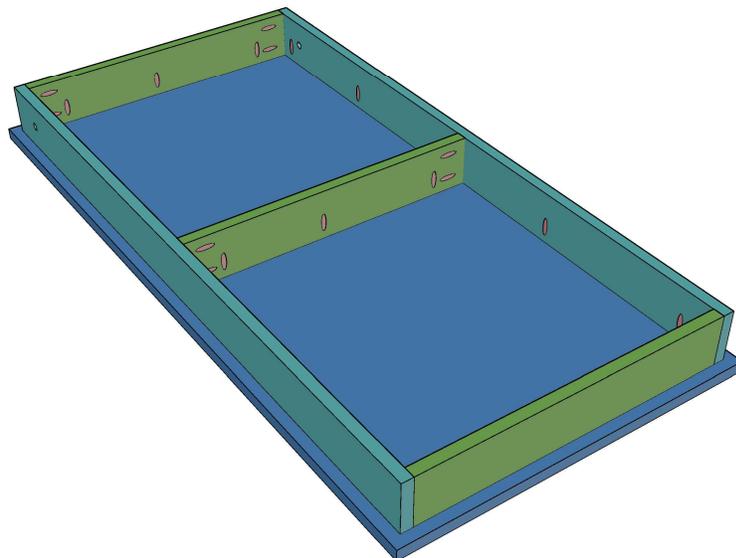
## Step 3

Using a Kreg Jig, drill pocket holes as shown on the drawing for  $1 \frac{1}{4}$ " pocket hole screws. Also, using a  $\frac{3}{8}$ " drill bit, drill a hole 3" from one side of the long board. These holes are for leg bolts.



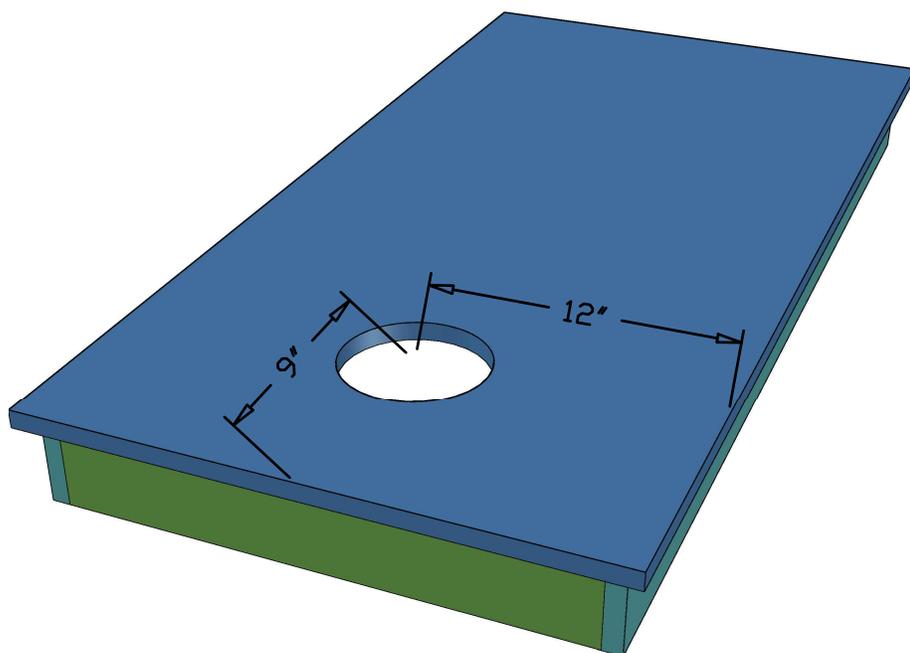
## Step 4

Place the side boards on a flat surface and attach them together using  $1 \frac{1}{4}$ " pocket hole screws. There will be one board attached in the center of the frame. Once the frame is assembled, place it in the center of 2'x4' top board plywood. You will have  $\frac{3}{4}$ " space all the way around. I clamped temporarily scrap plywood pieces on the corners to get the accurate  $\frac{3}{4}$ " distance



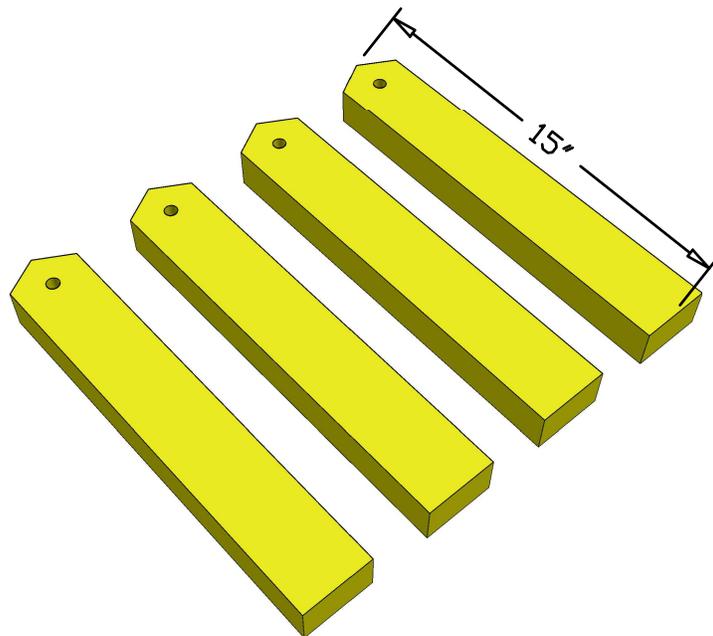
## Step 5

Measure and mark the center top of the cornhole board. Then from that center, measure 9" down. This will be the center of a 6" hole. Using a compass draw a 6" hole. For cutting a hole you could use a 6" hole saw or a jig saw. If you're using a jig saw, drill a small hole on the inside of the circle so that you could insert jig saw blade in it. Then follow the pencil mark with a jig saw to cut that hole.



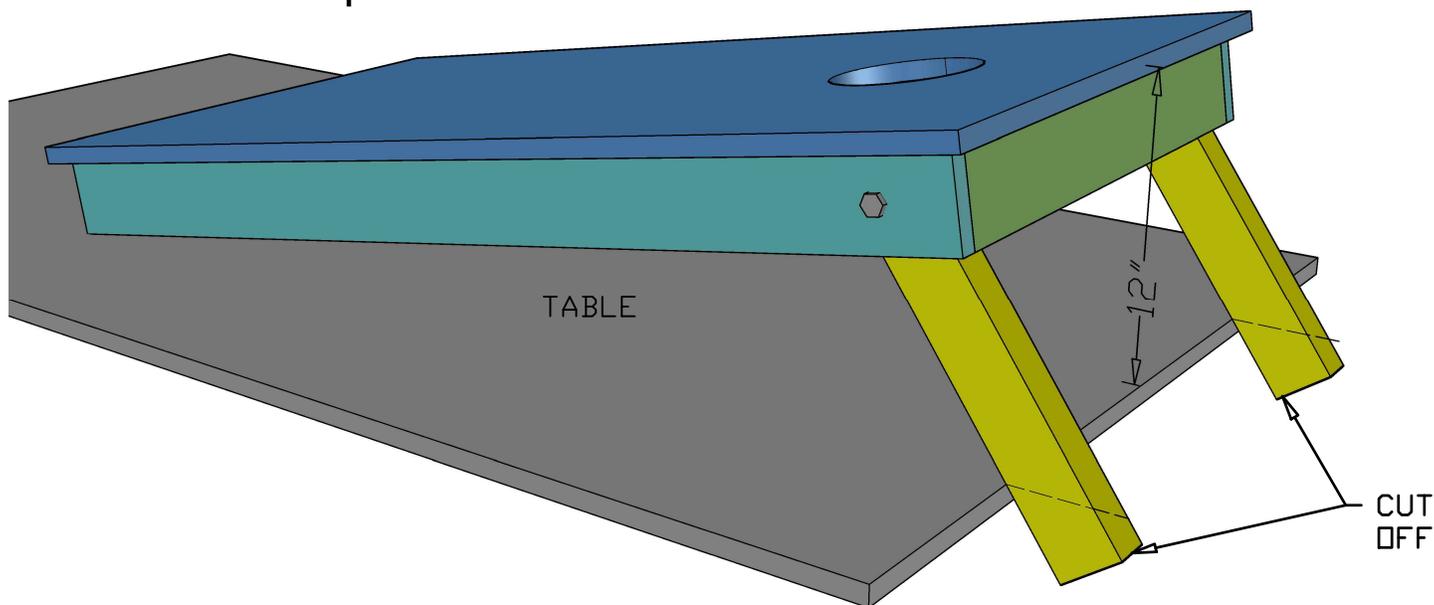
## Step 6

To make the legs, I used leftover  $\frac{3}{4}$ " plywood that was glued together from another project. But you could use 2x3 board. So cut four 2x3 legs at 15" long. Then on one side of the leg, using a miter saw, cut 30 degree cuts from the center making the leg board look like an arrow. Sand the sharp edges using a sander. Measure  $1\frac{1}{4}$ " from the top of the arrow point and drill a hole using  $\frac{3}{8}$ " drill bit. Do this for all the legs.



## Step 7

Use  $\frac{3}{8}$ "x4" bolt, nut and washers to attach the legs. Place the cornhole at the edge of your workbench and raise it up so that you have 12" from the table top to the top of the board. Place a ruler or a square on the table against the leg and mark it with the pencil as if the table is continuing. Take the legs apart and using a miter saw cut them on the pencil marks.



## Step 8

Attach the legs back on the cornhole and measure the distance between the two legs. Cut 2x3 board and drill pocket holes on each side. Attach the 2x3 board to the legs using 2 ½” pocket hole screws.

