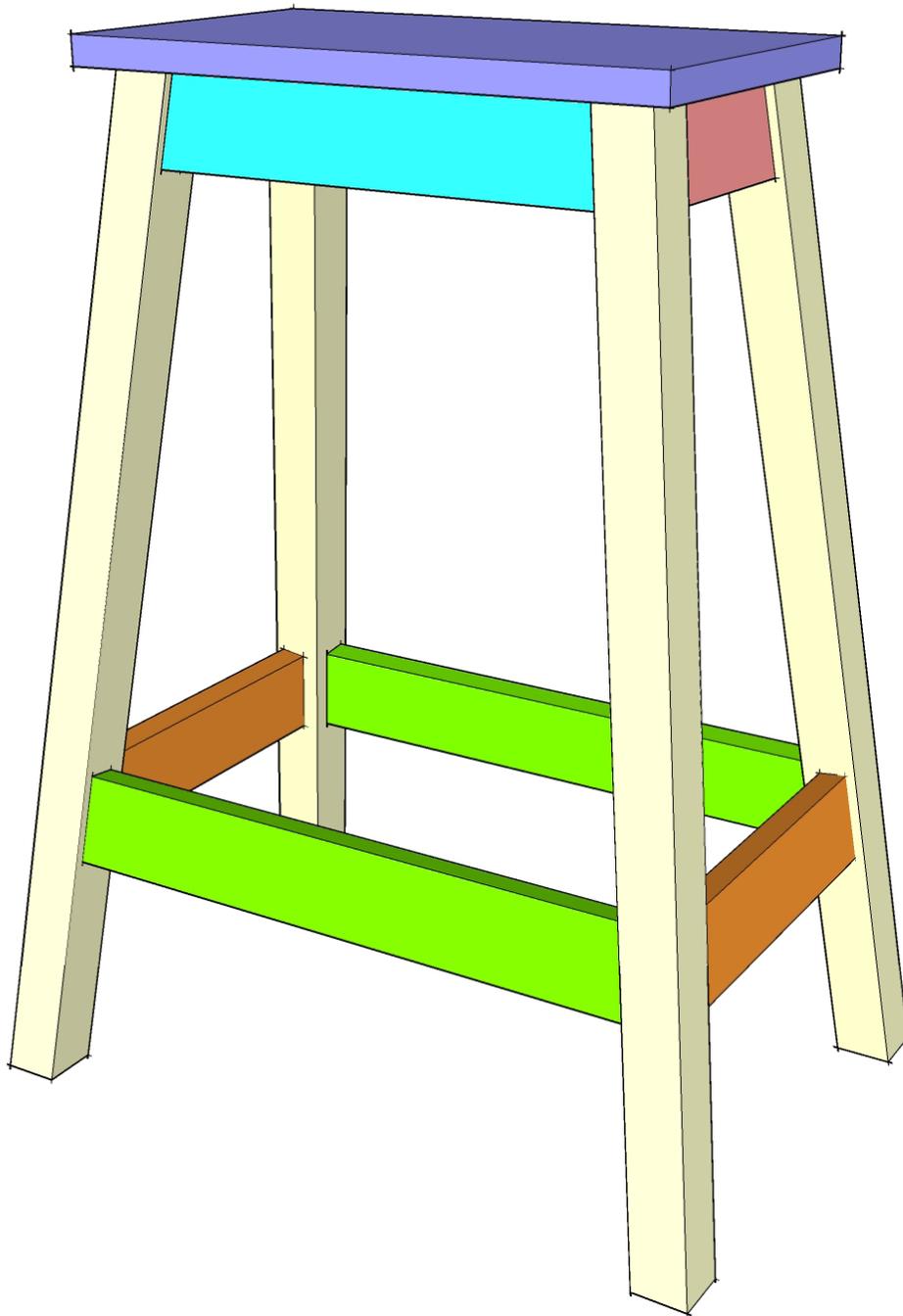




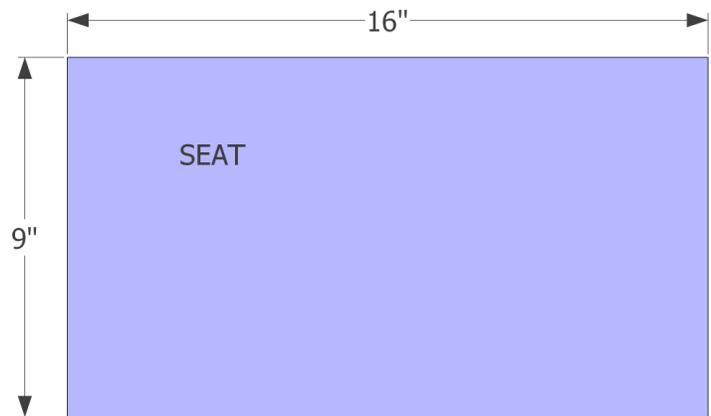
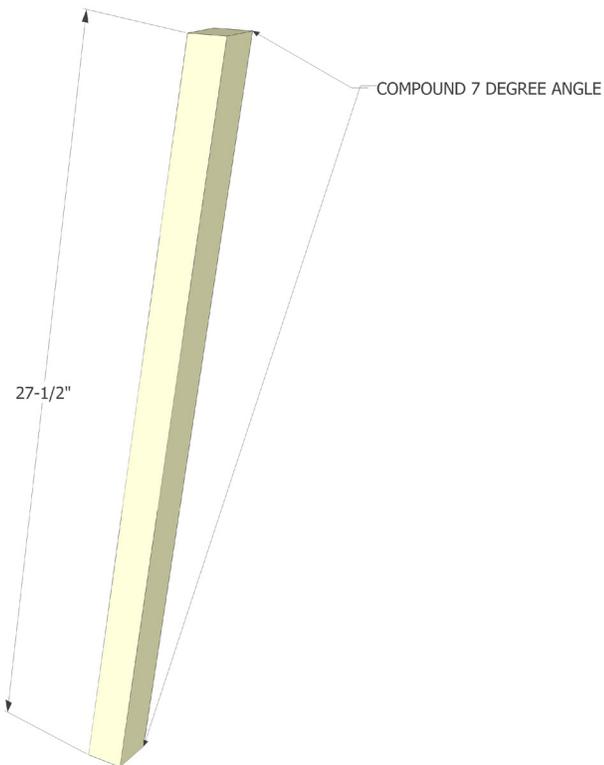
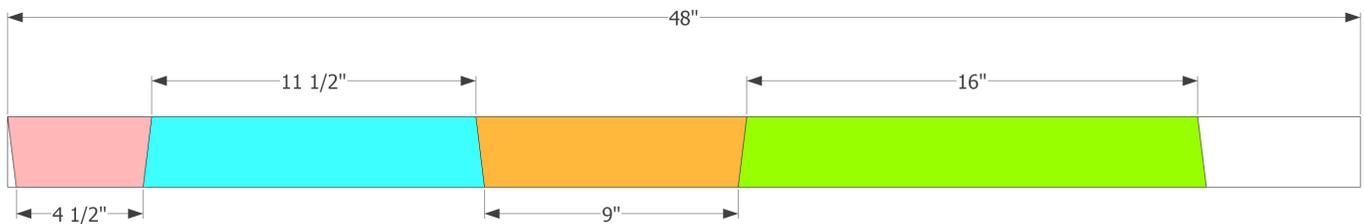
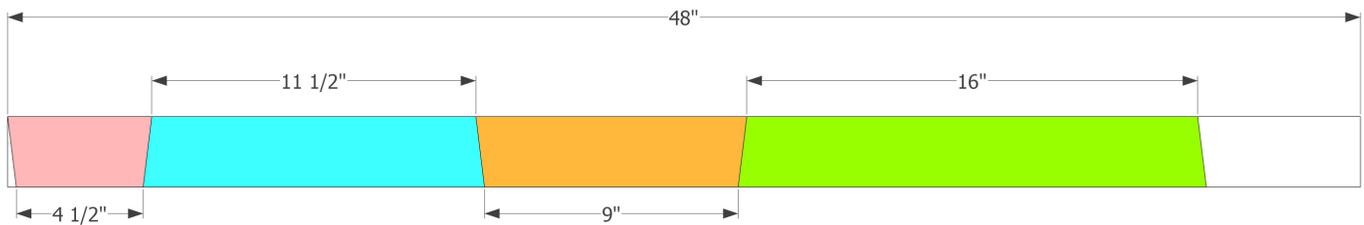
# DIY POCKET HOLE BAR STOOL

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## Shopping List

Item	Quantity	Description
2x2x36"	4	Legs
1x3x48	2	Rails. All angles in this project are 7 degrees
24x24x3/4" Plywood	1	For Seat. Use 9x16" scrap if you have it available
1-1/4" Pocket Hole Screws	38	
Wood Glue		
Finish of Choice		



## Cut

Cut all of your materials to the layout diagram and the leg diagram.

## Bevel One Side (optional)

This step is optional. In the video you saw me bevel the top side of my top rails to 7°. This is so that the top surface of my top rails is flush with the bottom of the seat. If you don't have a table saw or simply don't want to do this step that's fine. You can simply line up the top, outside edge of the rail with the top of the legs during assembly.

## Leg Detail

If you want to route a leg detail on the outside of your legs now is the time. I used a simple chamfer on the outside edge of my legs. While I had the router going I also rounded all of the edges on the seat.

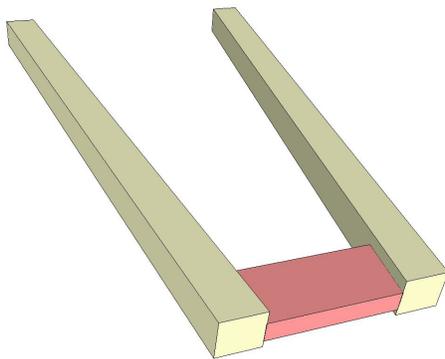
## Pocket Holes

Arrange all of your rail pieces so that the good side is down. You want to drill the pocket holes on the bad side. Every rail gets two pocket holes on each end and the top rails get a few pocket holes drilled vertically into the short side to attach the seat. Two on the long top rails and one in the middle of the short top rails.

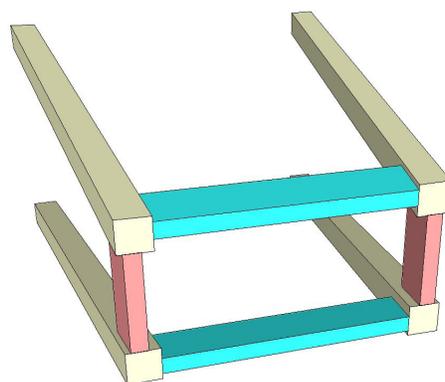
## Assembly

You have to start assembly with the short top rails. If you start with the long top rails than you won't have room for your drill when you get to the short top rails. I used a piece of scrap 1/4" plywood to space all of my rails off of the work surface. If you don't have any 1/4" plywood just use two standard wood pencils.

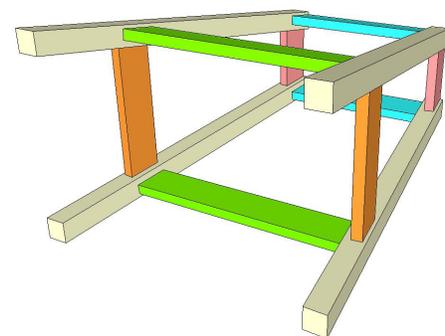
This gives a 1/4" reveal when it is all assembled. If you did not bevel the top side of your top rails make sure the outside top edge lines up with the top of the legs. Make sure the legs are in the correct orientation as well. Glue and screw the top rail in place. Do this for both sets of legs.



Attach both sets of legs to one another via the long top rails.



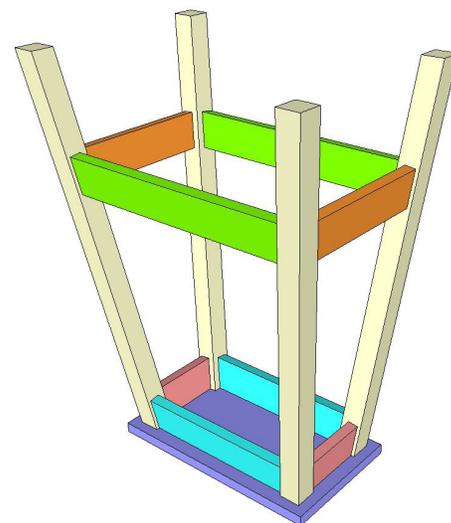
Attach all of your lower rails to the legs. Spacing isn't 100% critical here. They are sized so that they will fit in an approximate location. Make sure that both long rails are at the same distance off of the



bottom of the legs. Same with the short rails. The short rails won't be the same height as the long rails. I designed it this way to allow room for error.

## Seat Options

You can upholster your seat or leave it as is. If you choose not to upholster your seat you may want to use a solid wood glue up. I upholstered mine with a cheap piece of fake leather. I find that a piece of carpet pad is the perfect amount of cushion for a bar stool. If you use carpet pad you may want to cover it with at least two layers of fabric though. Mine has a few lumpy areas that showed through. It doesn't bother me though but I figured I'd let you know. Next, flip the stool upside down and attach the seat.



## Finish

Before you finish you may consider plugging the exposed pocket holes in the bottom rails. I didn't plug mine as they visually don't bother me. Kreg Tool Company makes plugs that you can buy if you want them. Apply your finish of choice.