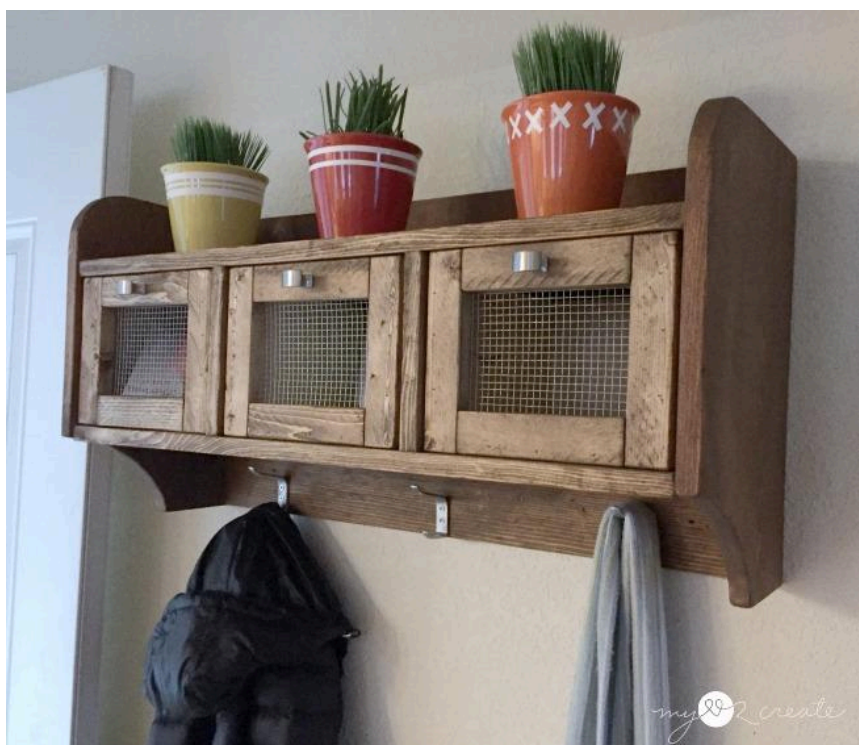


Hanging Storage Shelf

Difficulty

Moderate

This hanging storage shelf is perfect for your entryway, mudroom or bathroom. Featuring a nice shelf for decor, hooks for hanging, and three storage bins for keeping bills, mail, supplies, etc. Not only will it be a beautiful addition to your home but it will keep you organized at the same time!



Tools

Kreg Tools



Other Tools

Circular Saw (corded)

Jigsaw

Drill (cordless)

Impact Driver

Nail Gun

Stapler

Sander

Materials

Wood Products

- 1 Board , 1x12 , 72"
- 1 Board , 1x6 , 36"
- 1 Board , 1x10 , 96"
- 1 Board , 1x2 , 72"
- 1 Plywood , 3/4" Thick , Half Sheet

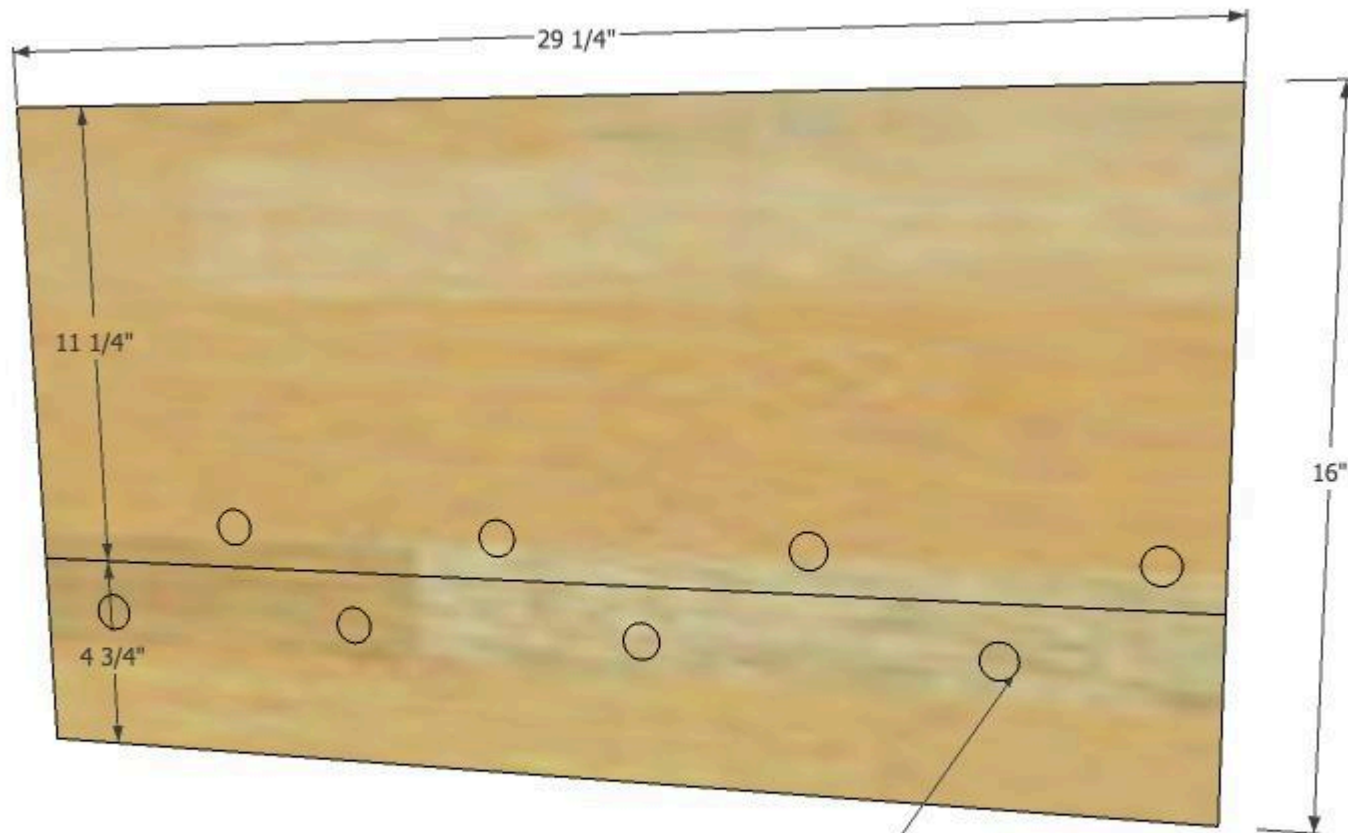
Hardware & Supplies

- 3 Knobs Or Pulls
- 3 Coat Hooks
- 1 Hardware Cloth
- 1 French Cleat

Cut List & Parts

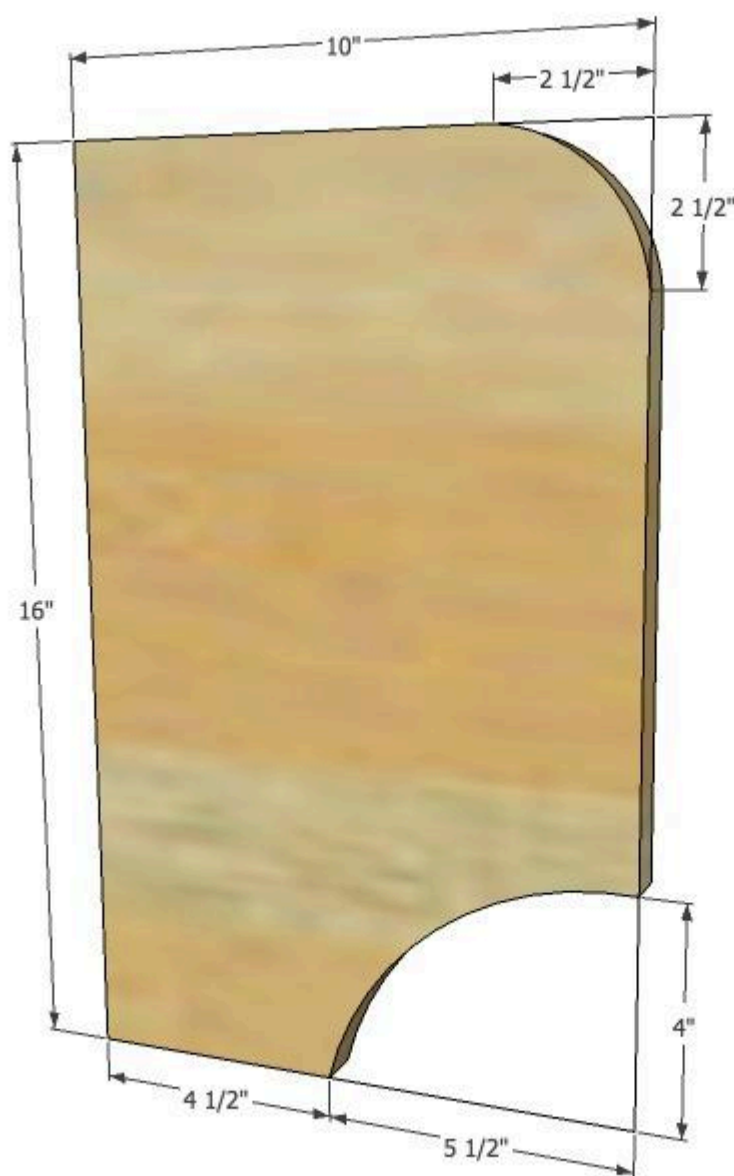
- 2 Sides , 3/4"x 10"x16"
- 1 Top Part Of Back Piece , 3/4"x11 1/4"x29 1/4"
- 1 Bottom Part Of Back , 3/4"x4 3/4"x29 1/4"
- 2 Shelves , 3/4"x9 1/4"x29 1/4"
- 2 Shelf Dividers , 3/4"x9 1/4"x7"
- 6 Bin Sides , 3/4"x7 1/2"x6"
- 3 Back Of Bin , 3/4"x9"x6"
- 6 Sides Of Face Frame For Front Of Bin , 3/4"x1 1/2"x6 7/8"
- 6 Top And Bottom Of Face Frame For Front Of Bin , 3/4"x1 1/2"x6"
- 3 Bottom Of Bin , 3/4"x7 1/2"x7 1/2"





Attach 1x12 and ripped 1x6 board together with 3/4" pocket holes and 1 1/2" pocket hole screws to create the back of the shelf.

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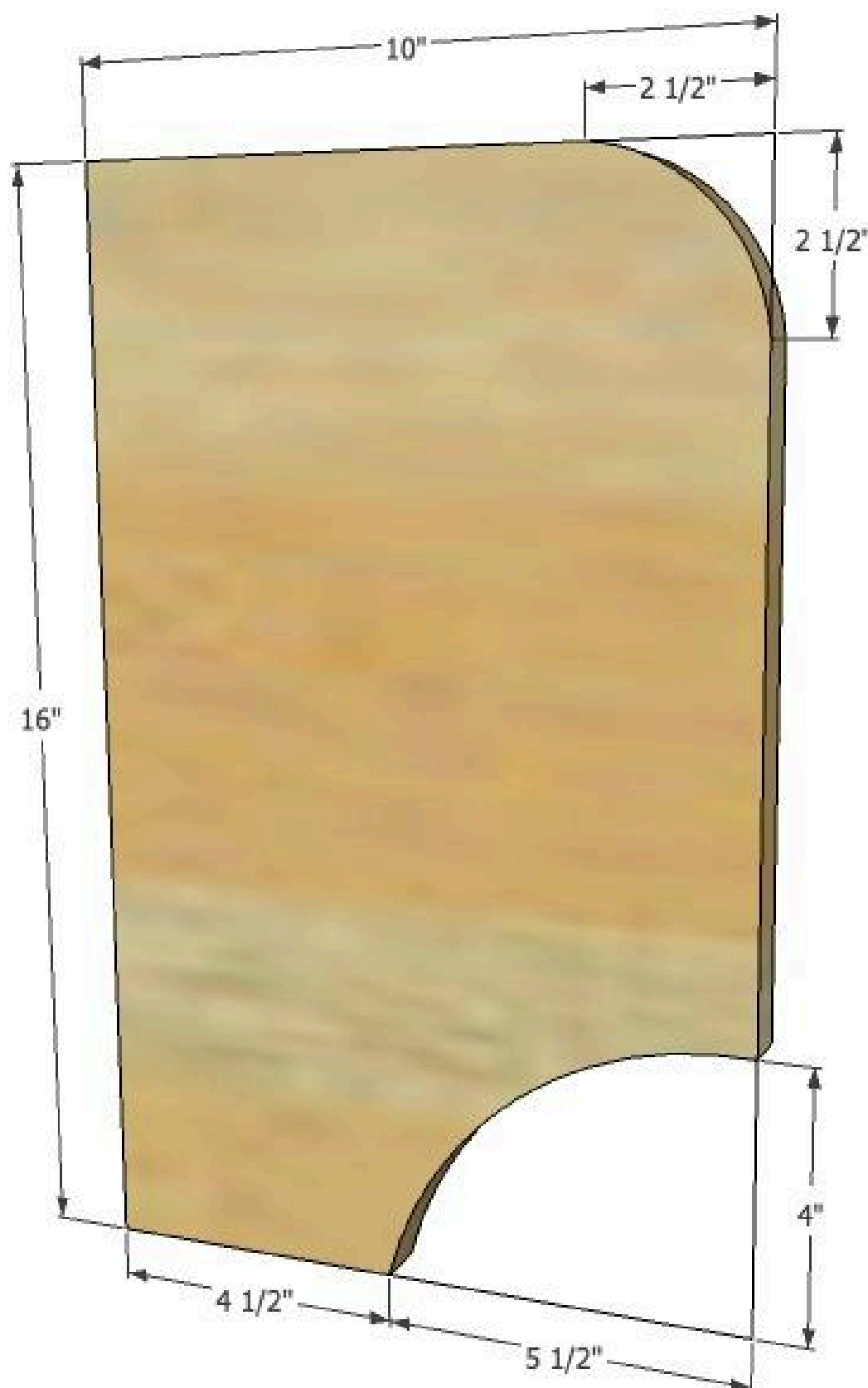


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Directions

1**Cut the sides**

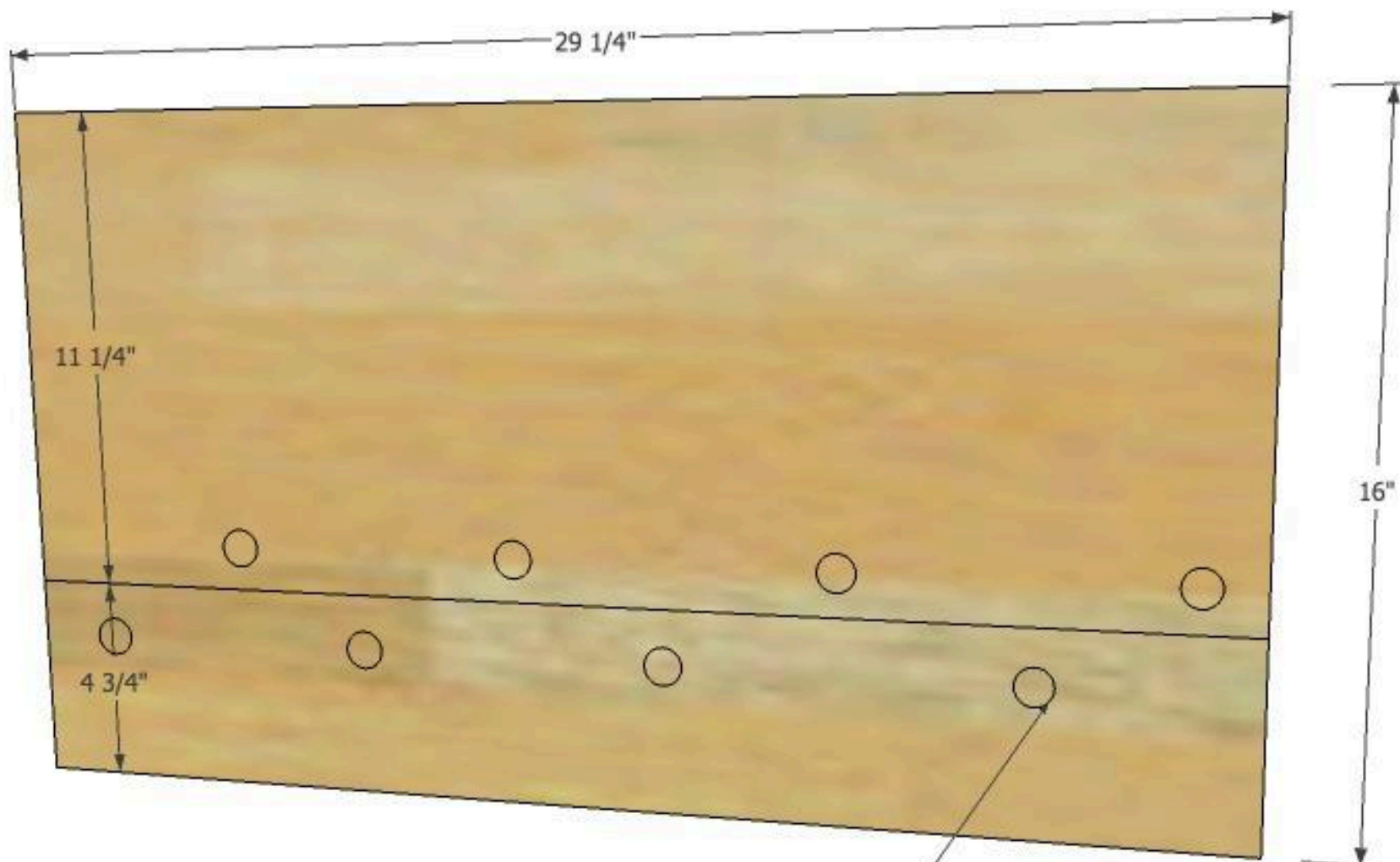
For the two sides you will need to cut two 16" long pieces from a 1x12 board. Then, using a Kreg Rip cut or table saw, rip the two boards to 10". This will give you two 10"x16" boards. Referring to the photo, measure and mark on your boards where the semi circles start by using the dimensions given. Using a circular object, like a bowl, trace a semi circle connecting the marks. Cut out semi circles with a jigsaw and then sand smooth.

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Attach back pieces

For the back of the shelf you will need a 1x12 and a 1x6 board. Cut both boards to 29 1/4" long. Rip your 1x6 board so that it is 4 3/4" wide. Then using glue and pocket hole screws attach your 1x12 and ripped 1x6 board together to create the 29 1/4"x16" back piece.

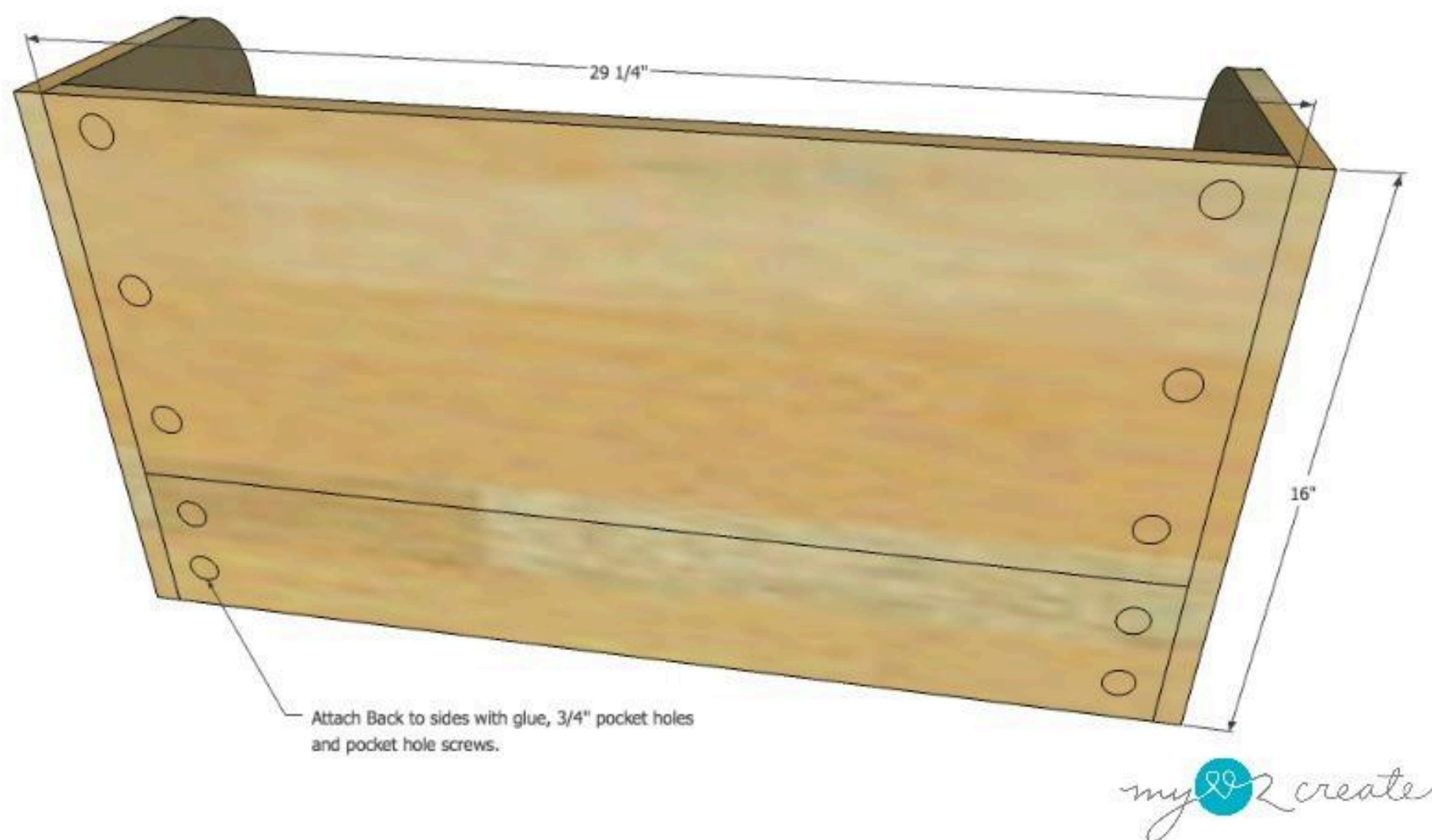


Attach 1x12 and ripped 1x6 board together with 3/4\" pocket holes and 1 1/2\" pocket hole screws to create the back of the shelf.

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3**Join back and sides together**

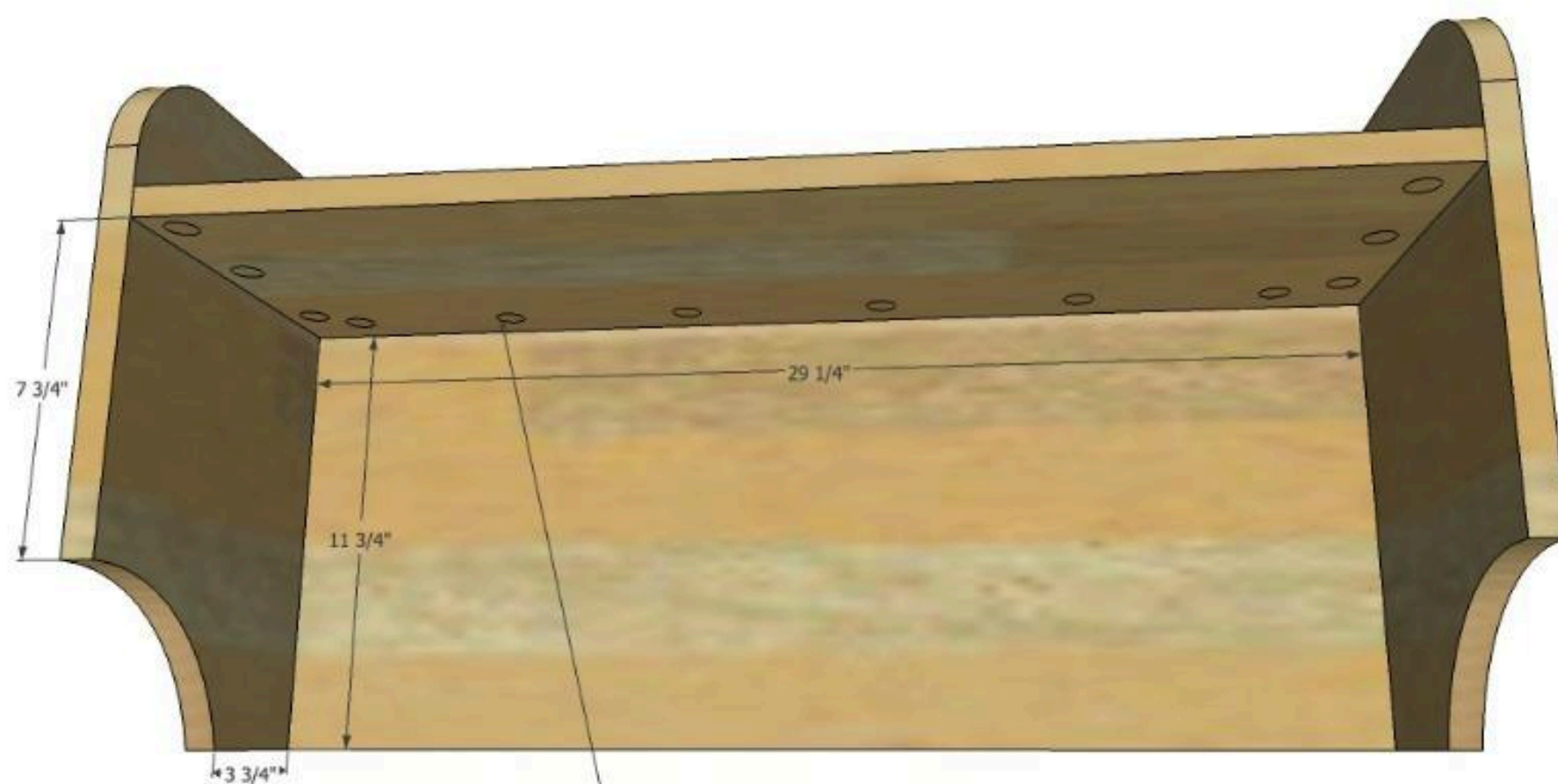
Using glue and pocket hole screws attach the back to the two side pieces.



4

Add top shelf

With glue and pocket hole screws attach the top shelf to the sides and back of the shelf.



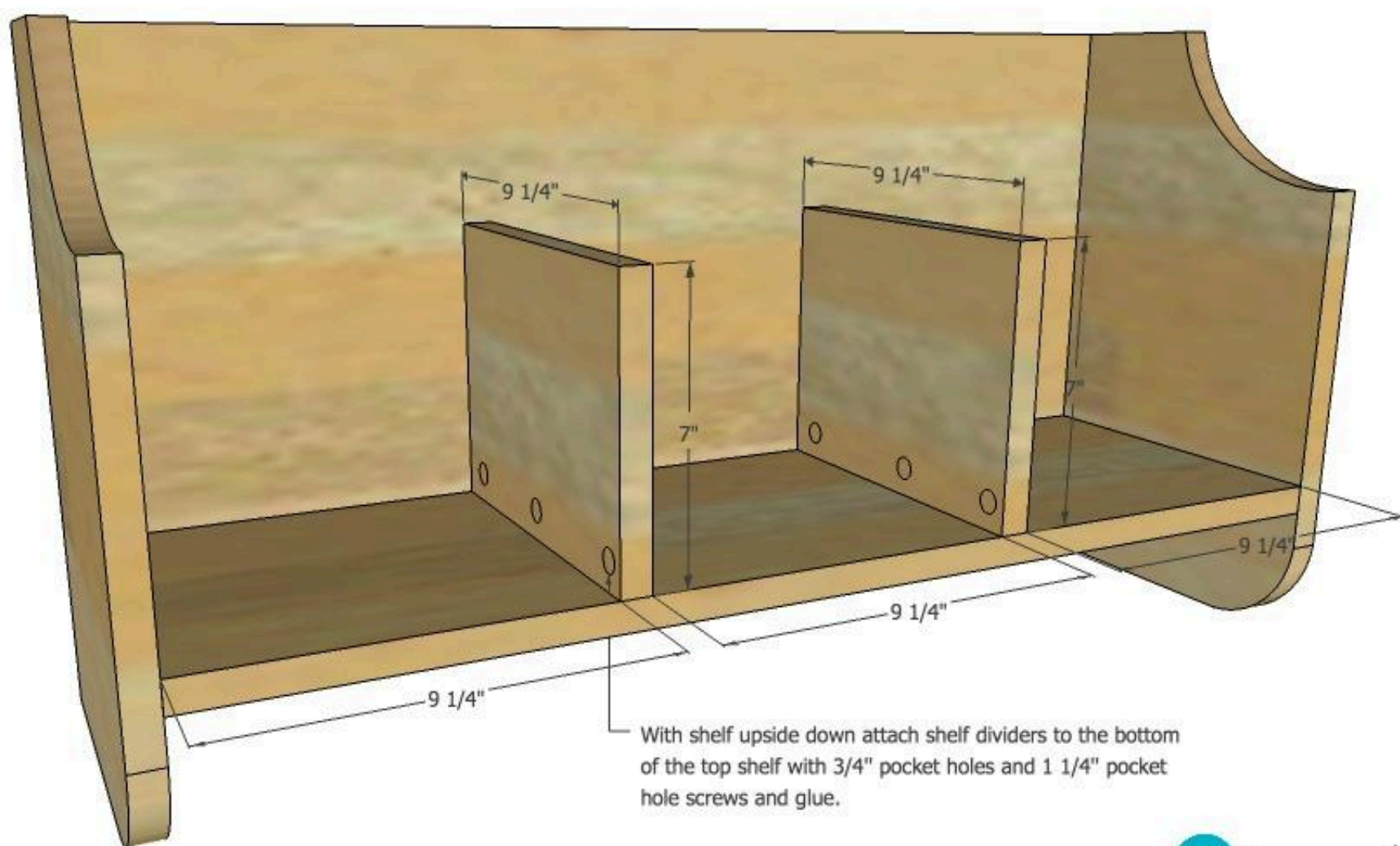
Attach top shelf to back and sides with 3/4" pocket holes and 1 1/2" pocket hole screws, and glue.

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Connecting dividers

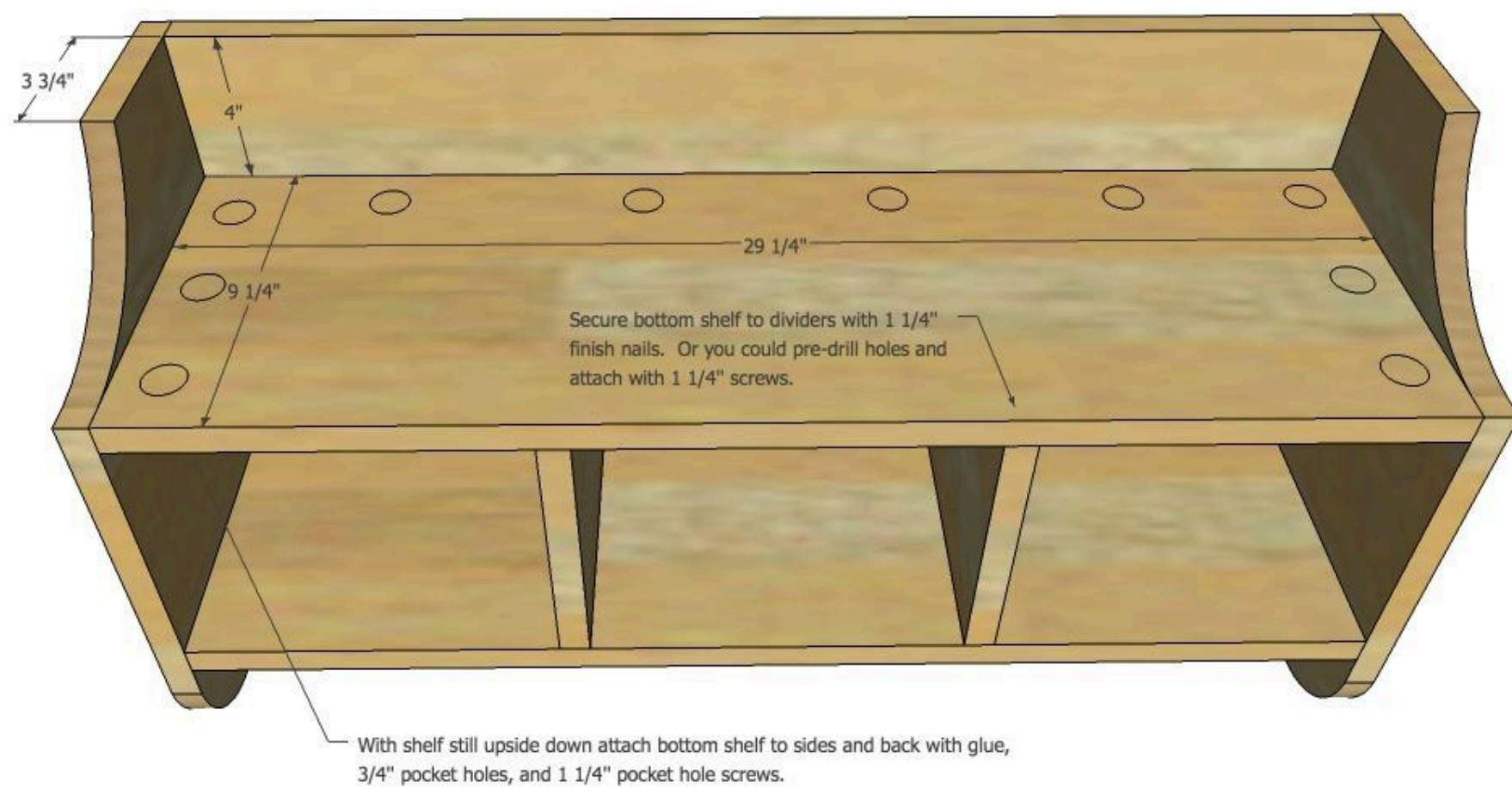
With the shelf upside down attach the shelf dividers with glue and pocket hole screws to the bottom of the top shelf.

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Add the bottom shelf

Glue and screw on the bottom shelf to the sides and back, and attach dividers with finish nails.

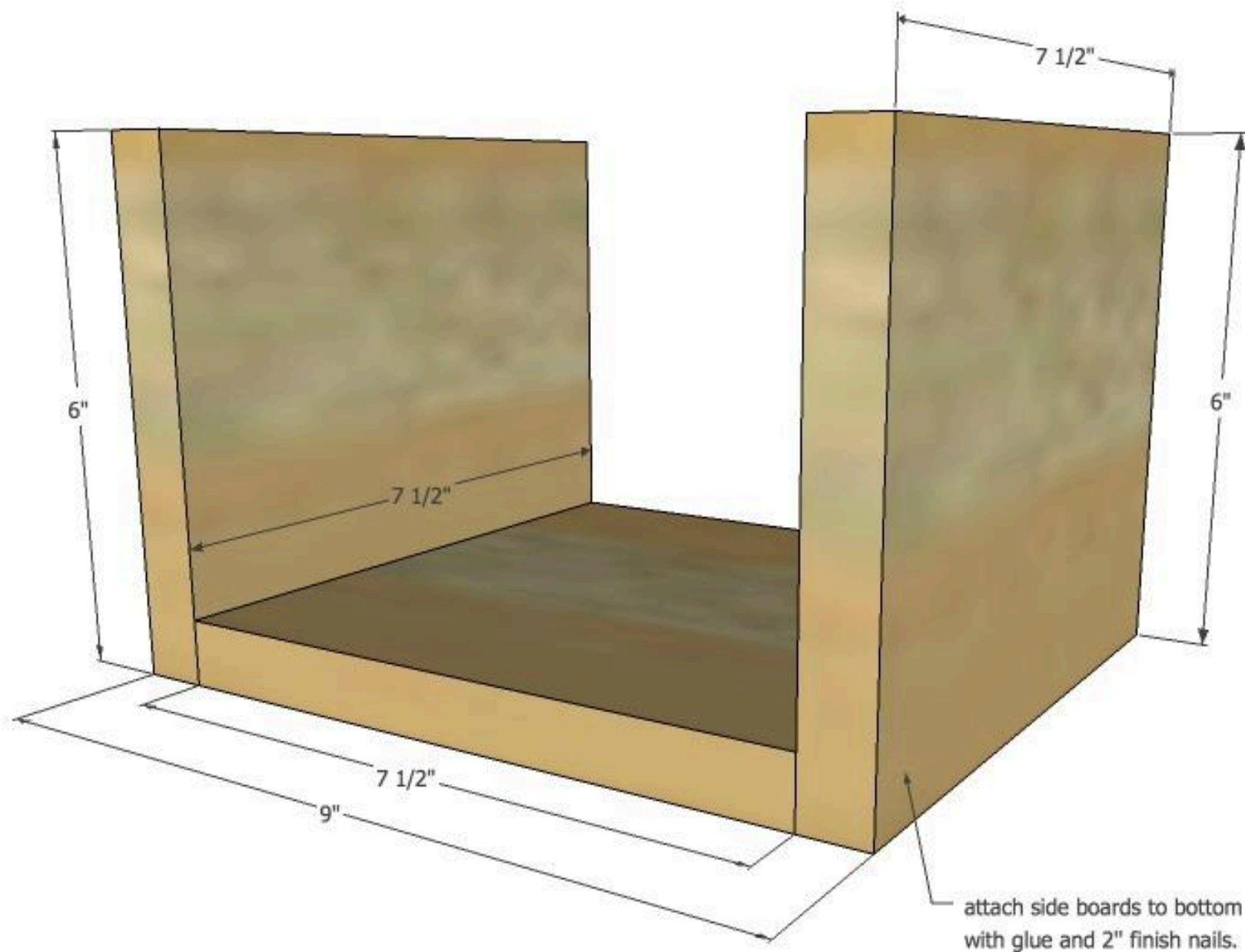


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Building storage bins

I used scrap 3/4" plywood for my storage bins, because I needed to use it up. You can use 3/4" or 1/2" plywood or any scrap wood to build these bins. Using glue and 2" finish nails attach the two sides to the bottom.



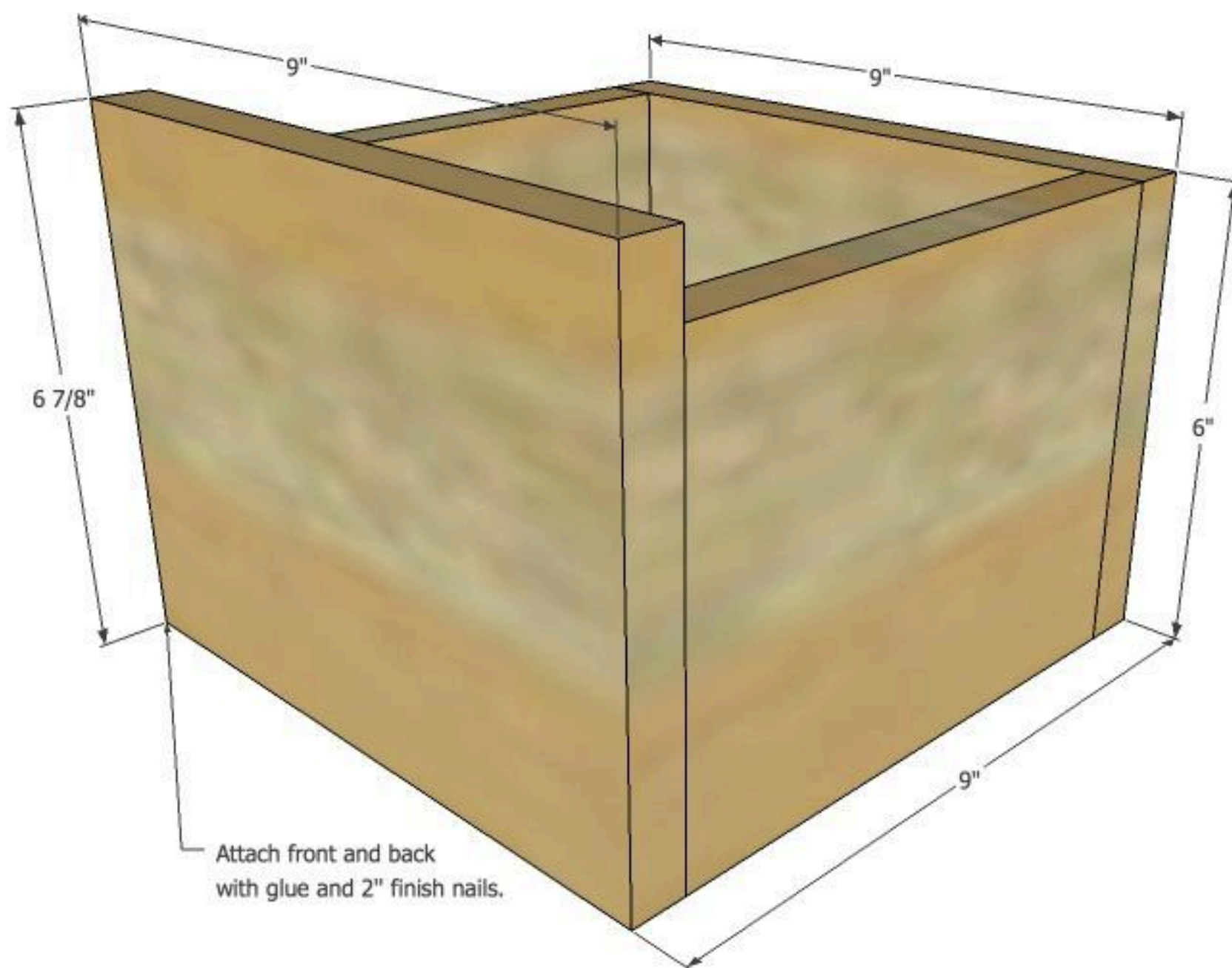
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Attach back of bin

Attach the back of the bin with glue and finish nails to the sides and bottom. Pictured is an optional front piece if you do not want to do the front that is in the next step.

optional front



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9**Make open front for bins**

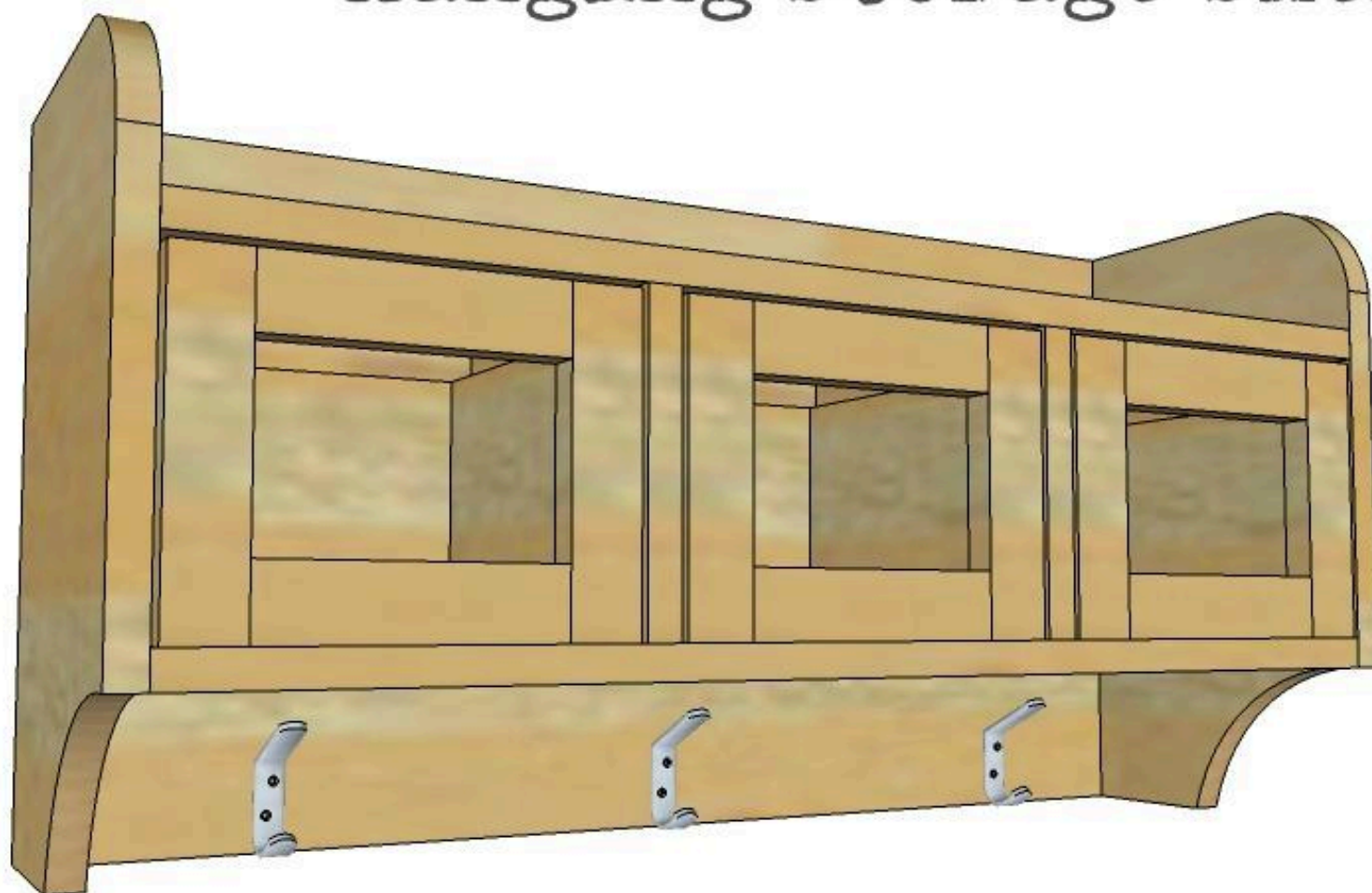
Using 1x2's and 3/4" pocket holes and 1 1/4" pocket hole screws and glue, create a face frame for the open front of the bin. Attach hardware cloth to the back of the frame with staples. Then glue and nail the open front with hardware cloth onto the sides and bottom of the bin. Add knobs to each bin.



10**Finish as desired**

I choose to stain my project with special walnut, and then finished with three coats of poly. Once you finish painting or staining, add your hooks at the bottom. I choose to use a french cleat to hang my storage shelf. Just make sure you are using studs and anchors in the walls to keep it secure.

Hanging Storage Shelf

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