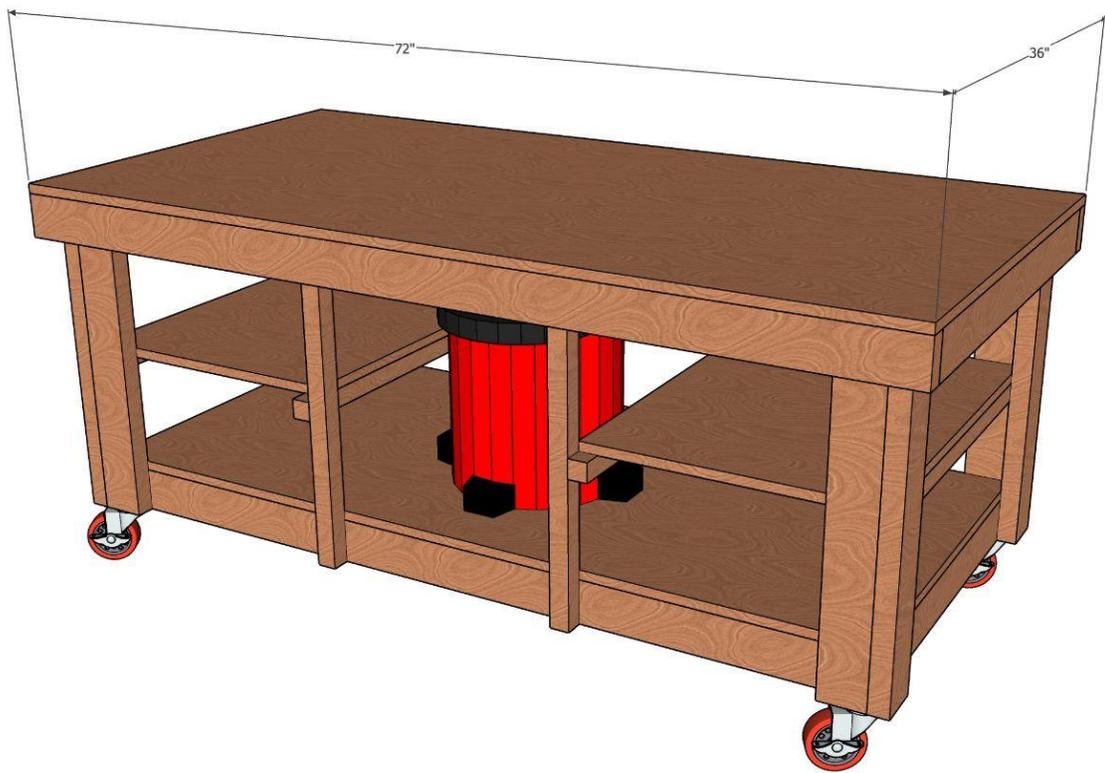


DIY Workbench with Shelves
Plans by The Handyman's Daughter™
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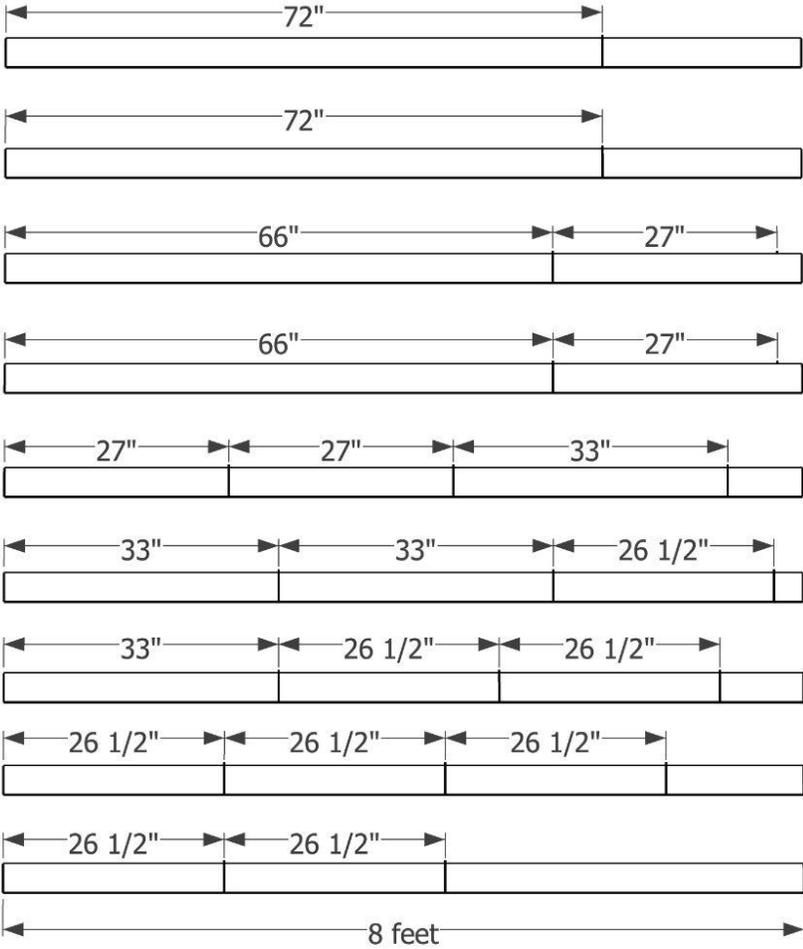
Materials Needed

- Nine 2x4 boards
- Three 2x2 boards
- Two sheets of 3/4" plywood
- 2 1/2" pocket hole screws
- 2 1/2" wood screws
- 1 1/4" wood screws
- Countersink bit
- Wood glue
- Pocket hole jig
- Drill
- Miter saw or circular saw

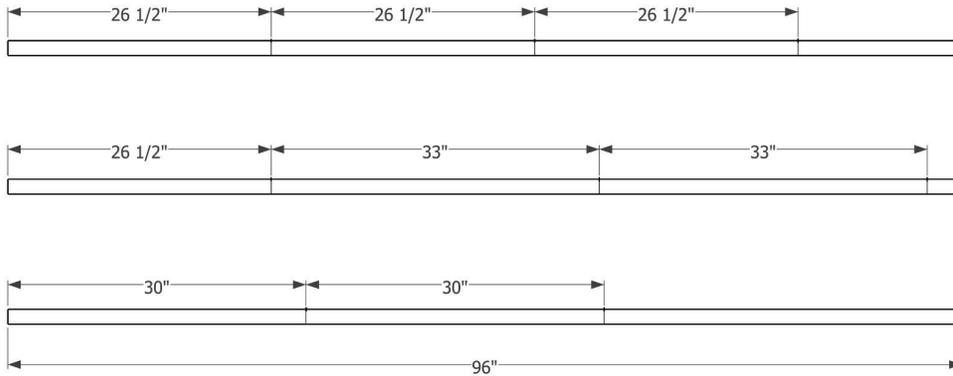
Cut List

2x4	2x2	3/4" Plywood
2 @ 72"	2 @ 33"	1 @ 36" x 72"
2 @ 66"	2 @ 30"	1 @ 30" x 66"
4 @ 33"	4 @ 26 1/2"	2 @ 22" x 30"
4 @ 27"		
8 @ 26 1/2"		

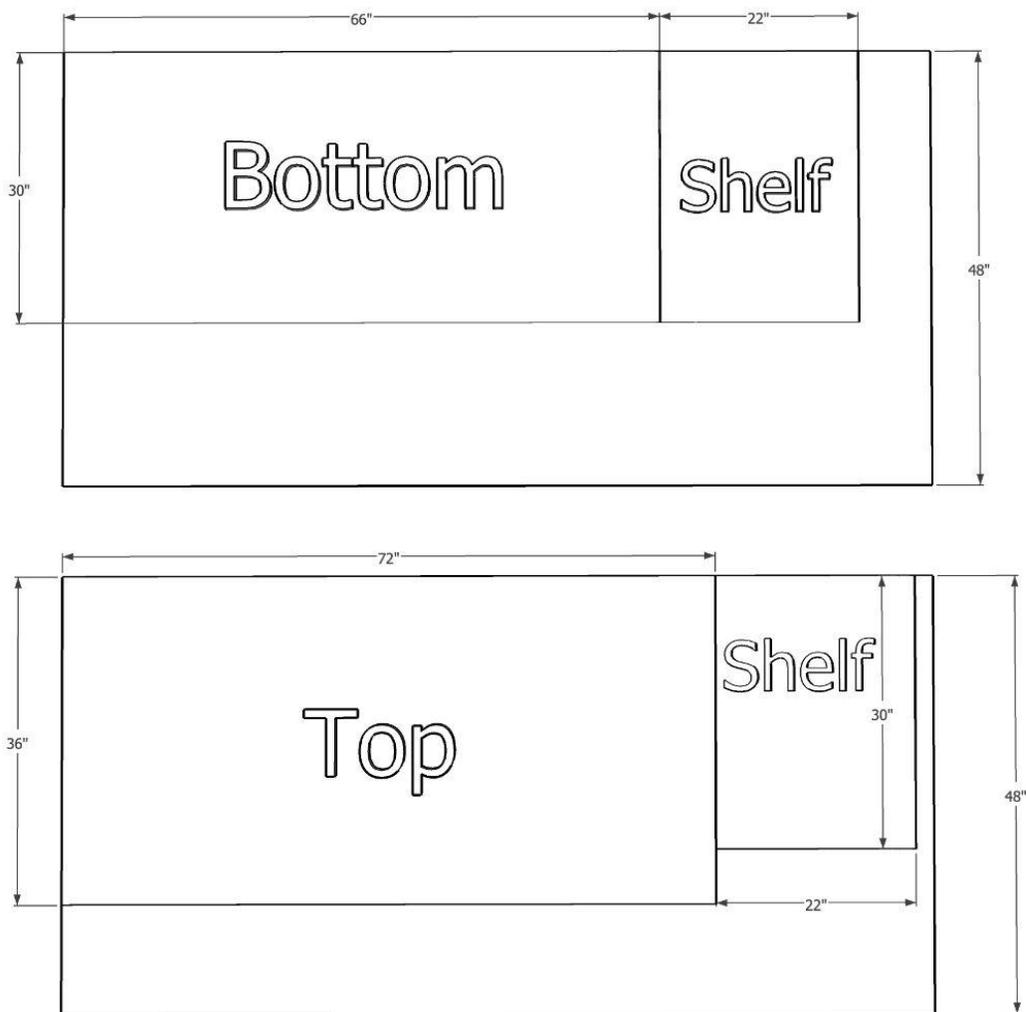
2x4 Cut Diagram



2x2 Cut Diagram

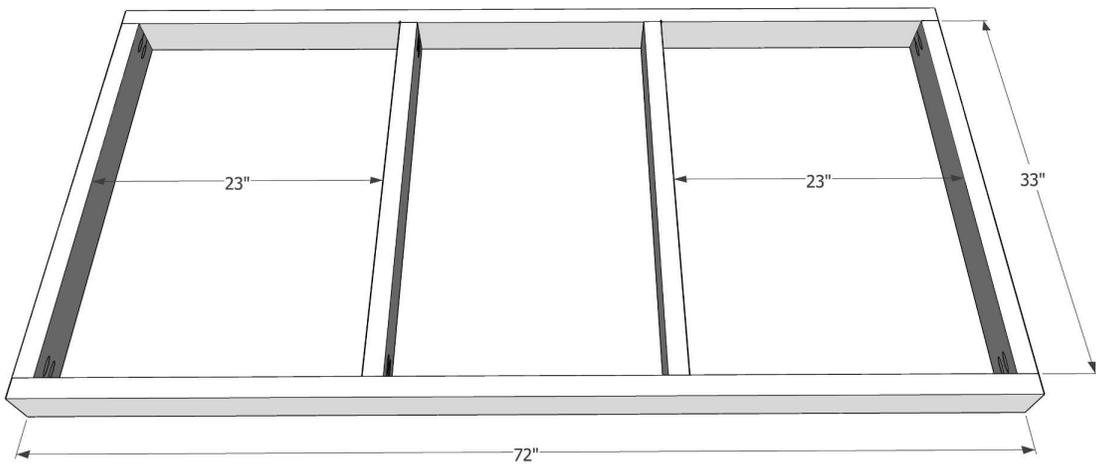


Plywood Cut Diagram

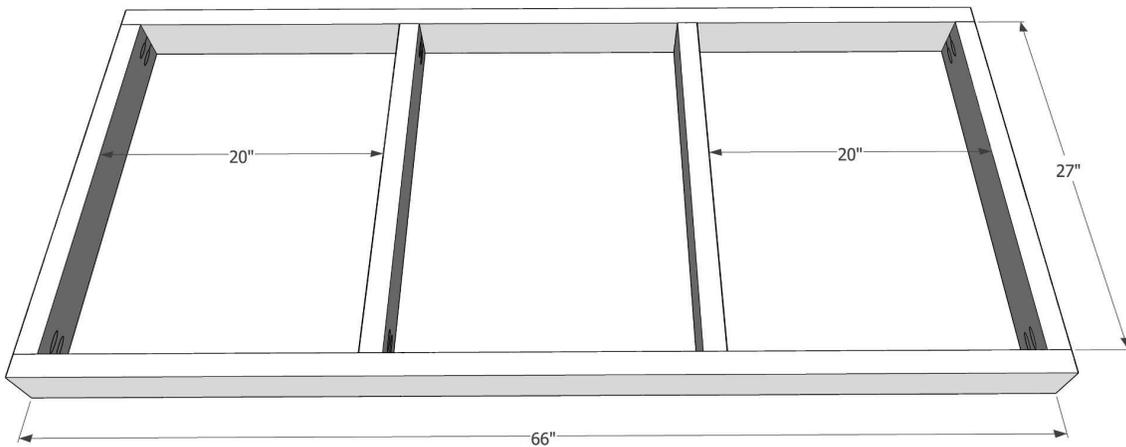


- Drill pocket holes in both ends of all the 33" and 27" 2x4 pieces.
- Assemble the top and bottom frames as shown below, using wood glue and 2 1/2" pocket hole screws. Check for square by measuring across the diagonal in both directions.

Top Frame

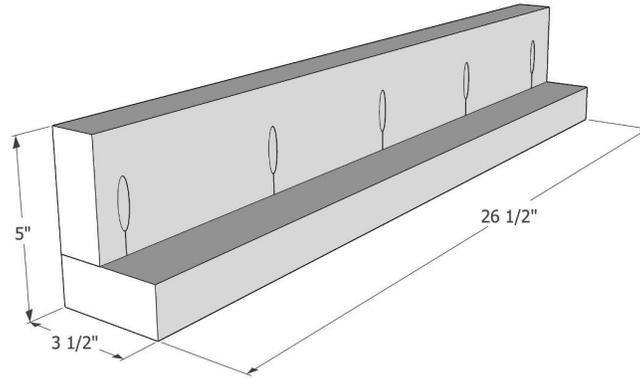


Bottom Frame



- Drill pocket holes along one long edge of four of the 26 1/2" 2x4 pieces.
- Attach those pieces to the remaining 26 1/2" 2x4 pieces with wood glue and 2 1/2" pocket hole screws to form four L shaped legs.

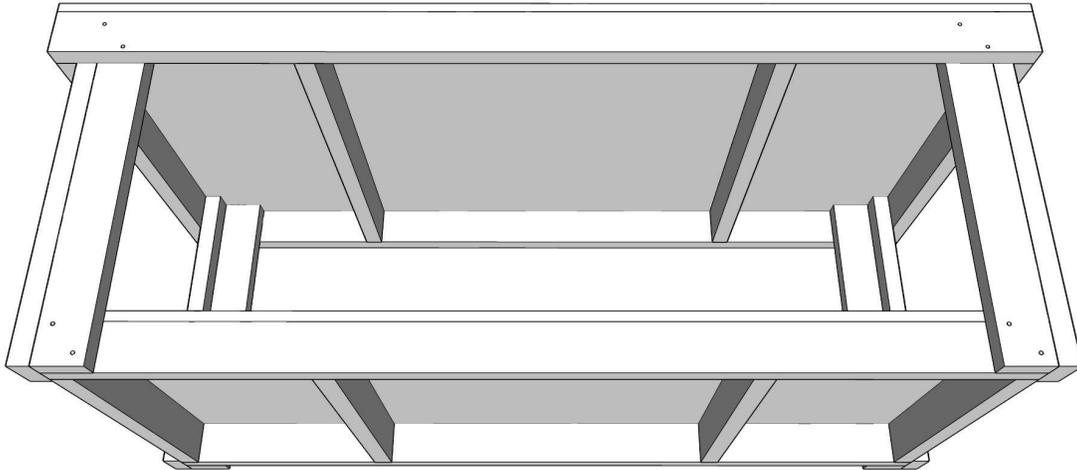
Leg x4



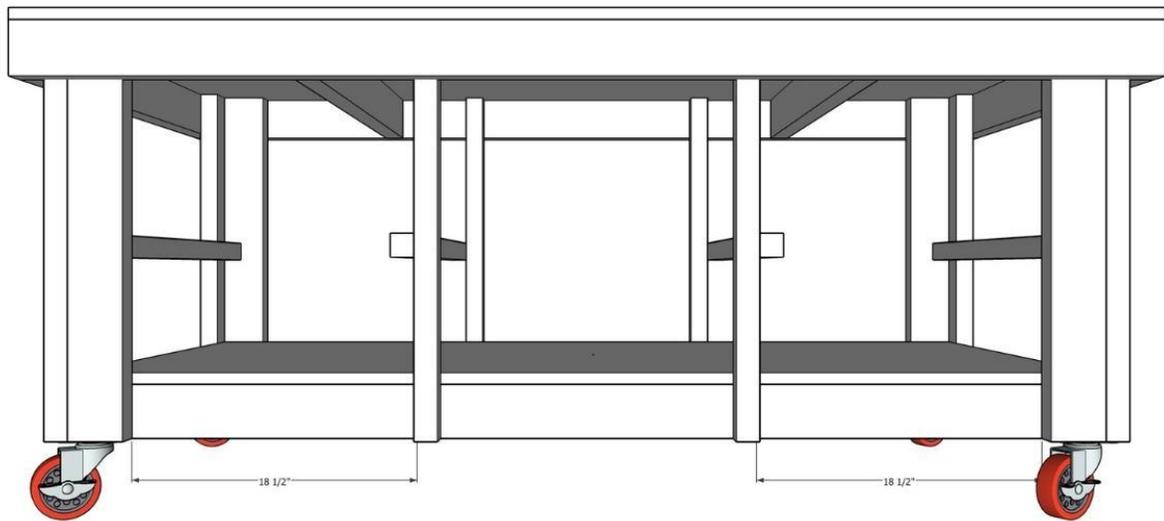
- With the bottom frame on the floor, attach the legs to the frame with 2 ½” screws. Use a square to make sure each leg is straight.
- Place the bottom plywood piece on top of the frame. Nail or screw it down to the frame with 1 ¼” screws. Countersink the screws so the heads are flush with the plywood surface.



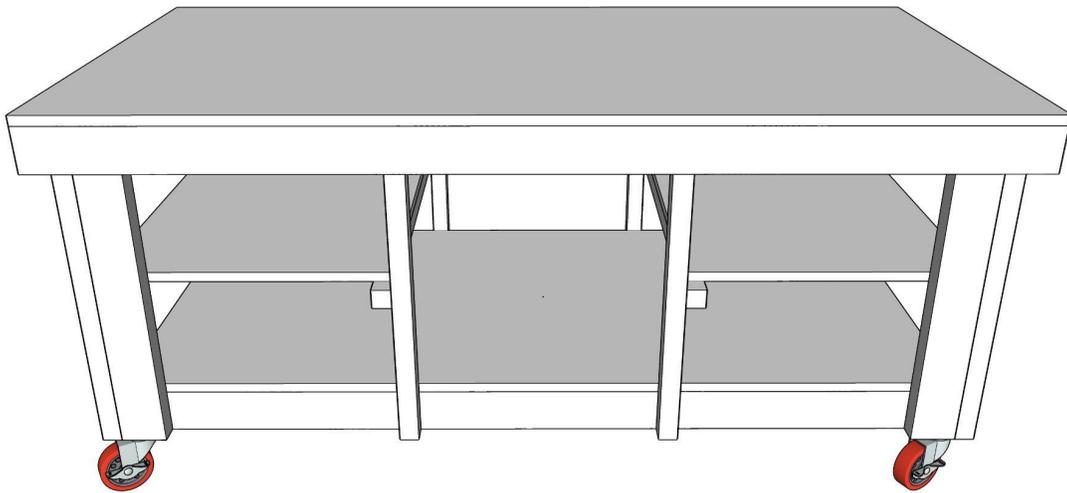
- Attach the plywood workbench top to the top frame with countersunk 1 ¼” screws.
- Set the workbench top on top of the legs. Clamp the legs to the corners and screw them into place with 2 ½” screws through the frame.
- If you want to add casters, tip the workbench on its side and attach them to the bottom of each leg.



- Attach the 26 1/2" 2x2 pieces to the inside of the top and the outside of the bottom shelf with 2 1/2" screws.
- Attach the 33" 2x2 pieces to the side of the vertical supports, and the 30" 2x2 pieces to the inside of the legs at the desired shelf height.



- Cut the plywood shelves to fit across the supports.
- Slide the shelves onto the supports, and nail or screw them down if necessary.
- Load up your new workbench with all your tools and supplies!



Show off your build! Email me at hello@thehandymansdaughter.com, or tag me with a photo on [Instagram](#). I'd love to see it!