

Understanding all the steps in building something is important. You can't start painting your project before you start cutting the wood - it simply wouldn't work.

In this worksheet, please write the correct number to put the instructions in the correct order.

_____ **Grab some knowledge.** Complete all your worksheets about measurement, drawing, layout, and safety.

_____ **Drill the holes, mill the dadoses for the bottom, and cut out the pieces.** Use the drill press to drill a 1/2" hole in each end. Use the vice and a piece of scrap. Use the tablesaw to mill the dadoses on your sides and ends. Use the mitre saw to cut the ends, sides, and bottom to length. Use the bandsaw or tablesaw to rip the bottom to width. Use the bandsaw to cut the angles on the two ends.

_____ **Sand to smoothness.** Use the stationary sander to quickly smooth your joints. Then use a palm sander to sand from 40 -> 60 -> 100 -> 150 grit.

_____ **Mill the rabbets and cut the biscuits.** Use the router table to cut the rabbets on one end on each side and on one of the ends. On the other end of the sides, cut slots for a #0 biscuit with a biscuit joiner. Cut biscuit slots on the remaining toolbox end as well.

_____ **Do a test assembly.** Put in the biscuits and put all the pieces together without glue to make sure everything fits.

_____ **Assemble the toolbox.** Put down paper and get everything together using wood glue. Clamp it up tightly with clamps. Use a square to check that the corners are at 90 degrees.

_____ **Mill your lumber to width and thickness.** Joint, plane, and rip the wood for the sides to 1/2" thick X 3" wide. Joint, plane, and rip the wood for the ends to 1/2" thick and 5" wide. Mill the dowel for the handle if necessary.

_____ **Lay out your work.** Use a pencil and a ruler to lay out the cuts onto the 3" pieces of wood for each side. Lay out both ends onto the 5" wide wood. Leave space at each end. Lay out the measurements for the bottom on your sheet of plywood. Remember to mark areas of waste.

_____ **Fill if needed.** Scrape away blobs of glue and use wood filler to fill any gaps in your joinery. Let the wood filler dry.

_____ **Finish.** Use paint or water-based polyurethane to finish your frame. Wait at least 30 mins between coats. Sand with 220 grit sandpaper between coats. Apply 3-5 coats for the best quality.

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