

Tall Dresser with Tapered Legs

With [Pneumatic Addict Furniture](#)



Materials

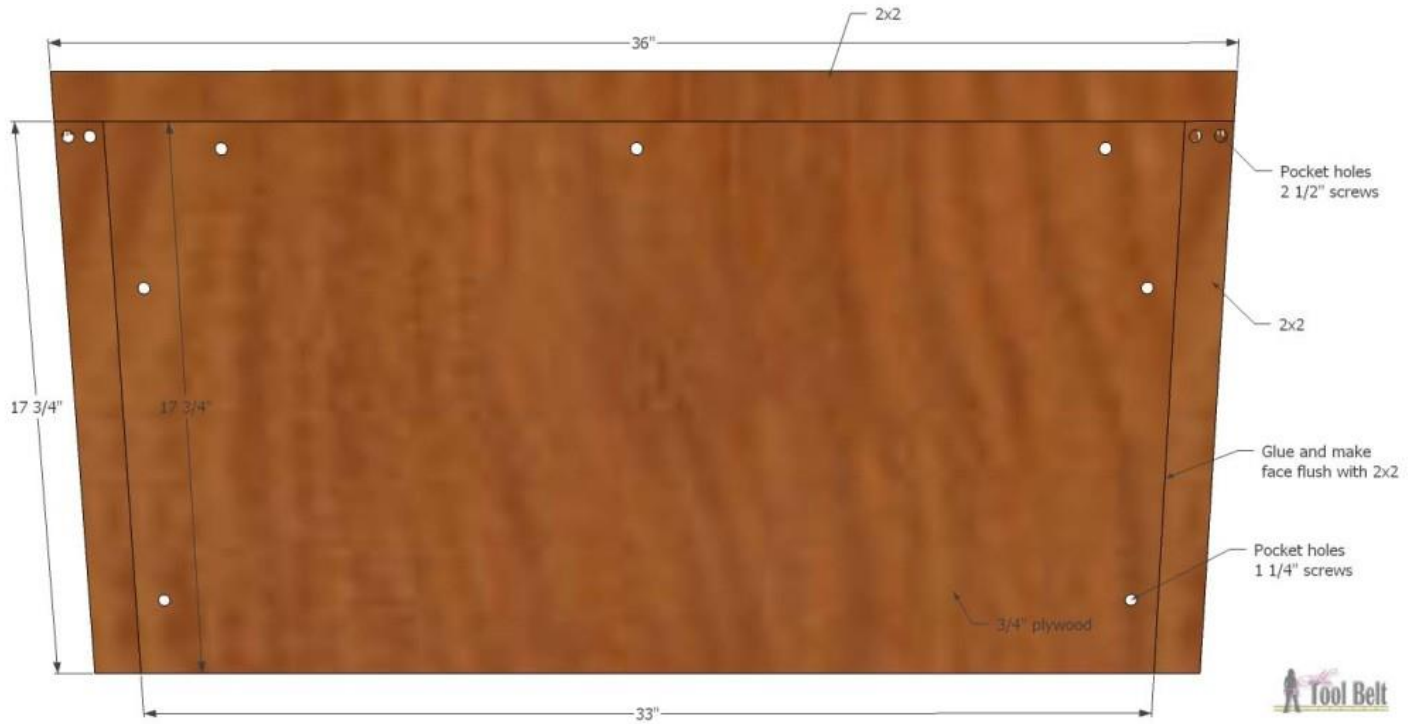
- 2 sheets of 3/4" plywood
- 3 - 2" x 2" x 8' boards
- 4 - 1" x 2" x 8' boards
- 2 - 1" x 10" x 8' boards
- 1 - 1" x 3" x 8' boards
- 1/2 sheet 5 mm underlayment sheathing (3/16")
- 4 - [2 sided tapered bun feet](#)
- 6 sets of 16" drawer slides
- drawer pulls
- 1 1/4" [pocket hole screws](#) (affiliate)
- 2 1/2" [pocket hole screws](#) (affiliate)
- 5/8" brad nails
- wood glue
- wood filler
- sandpaper
- wood conditioner
- stain
- top coat

Cut List

| Quantity | Thickness | Width | Length | Material | Location |
|----------|-----------|--------------------|--------------------------------|---------------|---------------|
| 1 | 3/4" | 17 3/4" | 33" | 3/4" plywood | bottom |
| 2 | 3/4" | 16 1/4" | 42 3/4" | 3/4" plywood | sides |
| 1 | 3/4" | 18" | 33 1/2" | 3/4" plywood | top |
| 8 | 3/4" | 6" | 30 1/2" | 3/4" plywood | large drawer |
| 8 | 3/4" | 6" | 16" | 3/4" plywood | large drawer |
| 4 | 3/4" | 14 1/2" | 30 1/2" | 3/4" plywood | large drawer |
| 4 | 3/4" | 4" | 13 5/8" | 3/4" plywood | small drawer |
| 4 | 3/4" | 4" | 16" | 3/4" plywood | small drawer |
| 2 | 3/4" | 13 5/8" | 14 1/2" | 3/4" plywood | small drawer |
| 1 | 1 1/2" | 1 1/2" | 36" | 2x2 | bottom |
| 2 | 1 1/2" | 1 1/2" | 17 3/4" | 2x2 | bottom |
| 4 | 1 1/2" | 1 1/2" | 42 3/4" | 2x2 | side |
| 7 | 3/4" | 1 1/2" | 33" | 1x2 | dividers |
| 1 | 3/4" | 1 1/2" | 6" | 1x2 | divider |
| 1 | 3/4" | 1 1/2" | 16 13/16" | 1x2 | slide support |
| 1 | 3/4" | 2" | 37 1/2" with 45's on both ends | 1x3 | Top front |
| 2 | 3/4" | 2" | 20" with a 45 on one end | 1x3 | Top sides |
| 4 | 3/4" | 8 1/8" *cut to fit | 32 7/8" *cut to fit | 1x10 | Drawer fronts |
| 2 | 3/4" | 5 7/8" *cut to fit | 16" *cut to fit | 1x10 | Drawer fronts |
| 1 | 3/16" | 33" | 43 1/2" | 5mm sheathing | back |

Step 1

On the bottom side of the bottom piece, drill [pocket holes](#) (affiliate) on 3 edges. Drill pocket holes in an end of the 2x2 x 17 3/4". Attach the bottom panel to the bottom 2x2 pieces with wood glue and 1 1/4" screws. Join the 2x2 pieces together with 2 1/2" screws. Make all of the bottom faces flush.

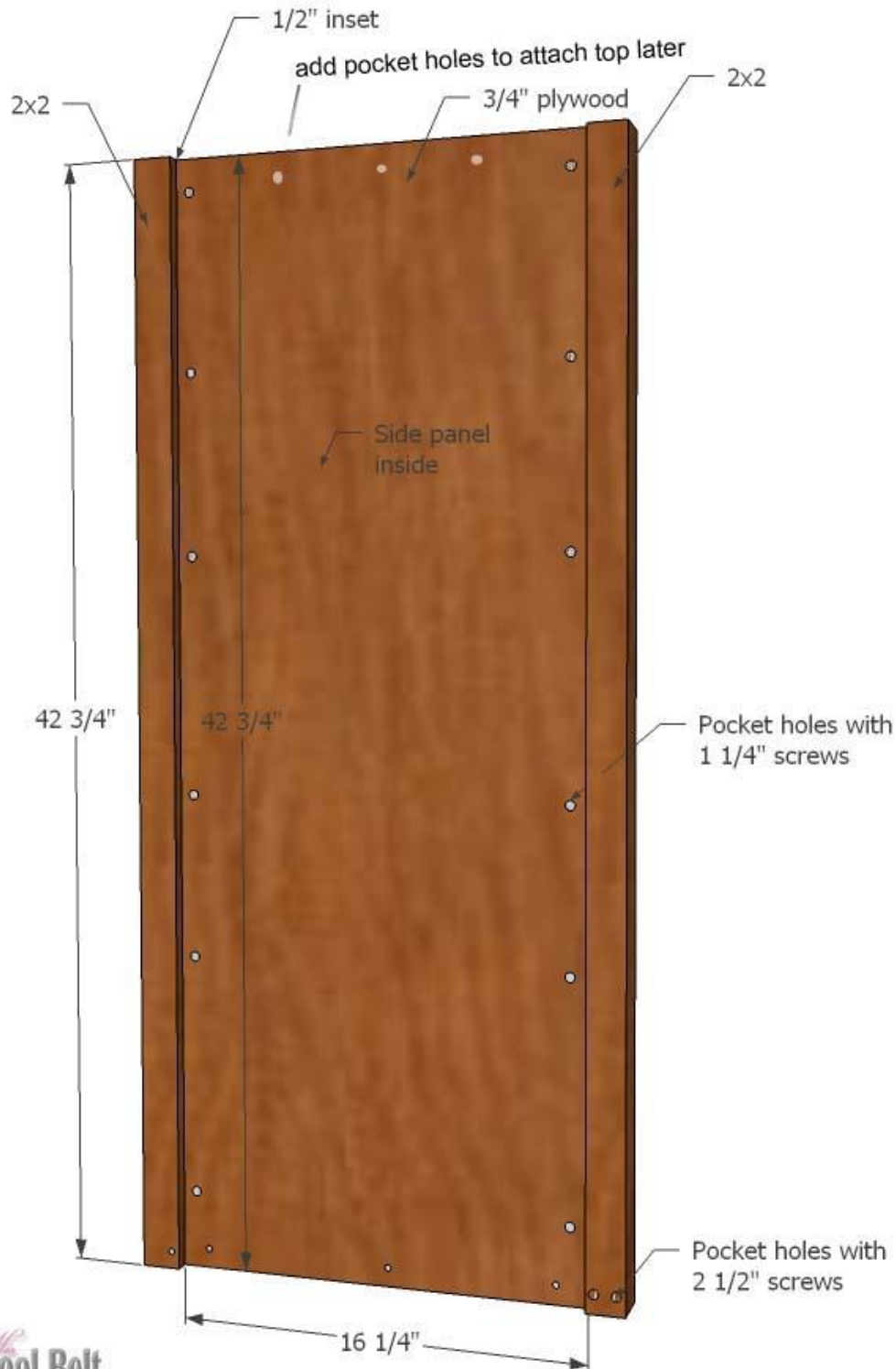


Screw the feet/legs to the bottom panel.



Step 2

Drill pocket holes around the inside of the side panels. Make sure to drill holes to attach the top later. Inset the plywood 1/2" (on the inside, 1/4" from the outside) and secure the 2x2's to the plywood with wood glue and 1 1/4" screws. Repeat for the other side panel.

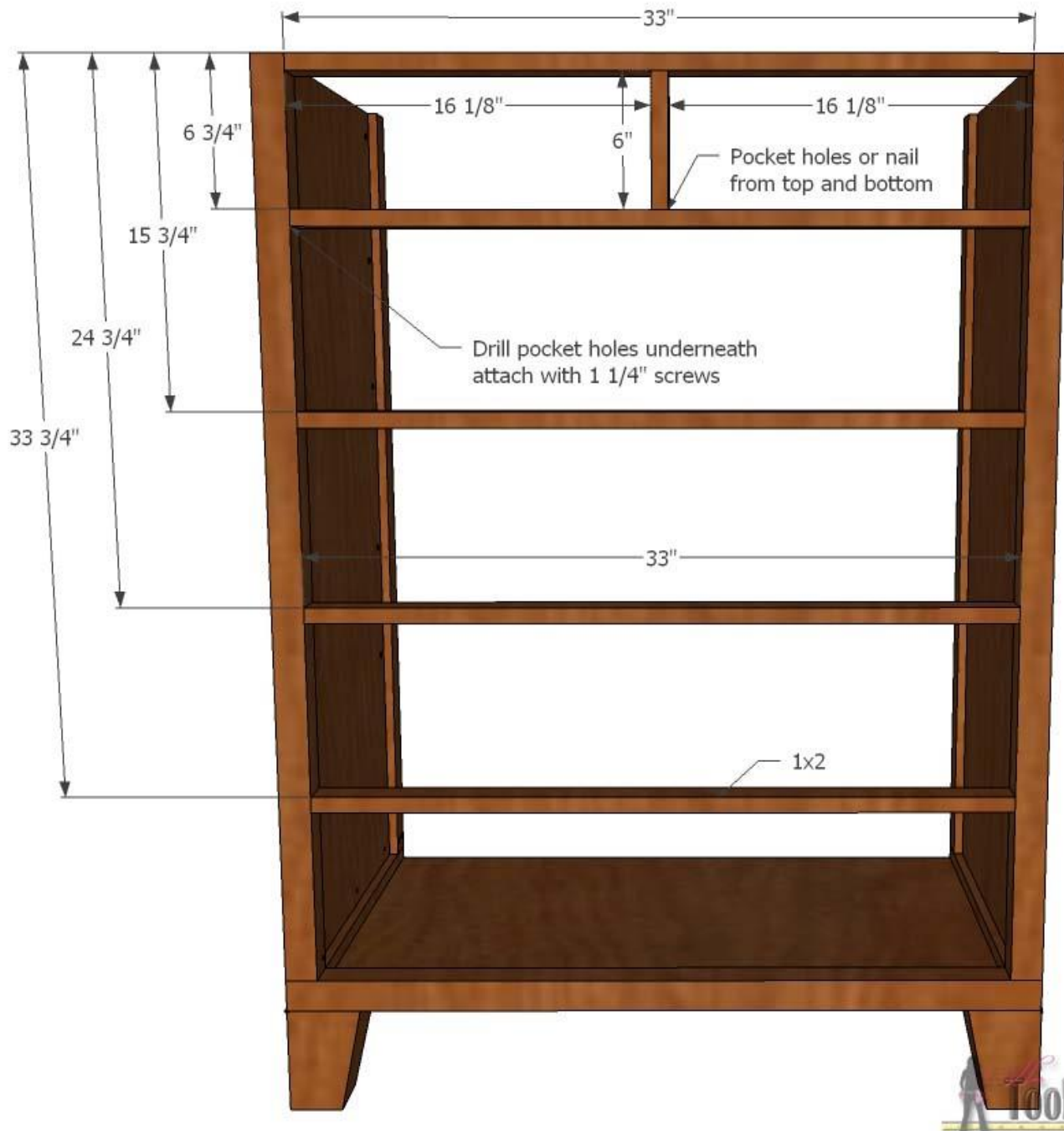


Attach the side panels to the bottom with wood glue and 1 1/4" screws and 2 1/2" screws as indicated.



Step 3

Drill pocket holes in the bottom face of 6 of the 33" dividers. Install the dividers between the front sides at the measurements indicated, try to install as accurately as possible.



add another 33" 1x2 to the back, secure with wood glue and 1 1/4" screws. Drill pocket holes in the 16 13/16" support and install between the front vertical divider and back support. Also place another 33" 1x2 at the bottom, inset by 3/16", screw or nail into place.

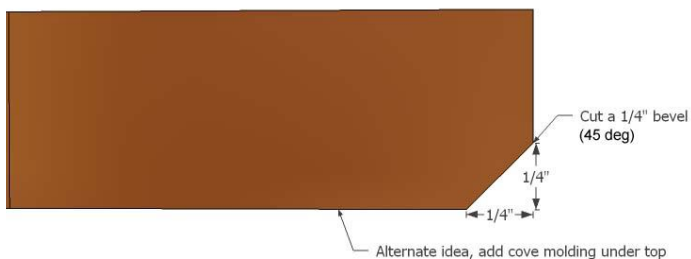


Time to install drawer slides, according to the manufacturers directions. The slides need to start 3/4" from the front face of the dresser. You'll need to take some scrap wood and make 1/2" shims/spacers to make up for the 1/2" inset on the side.

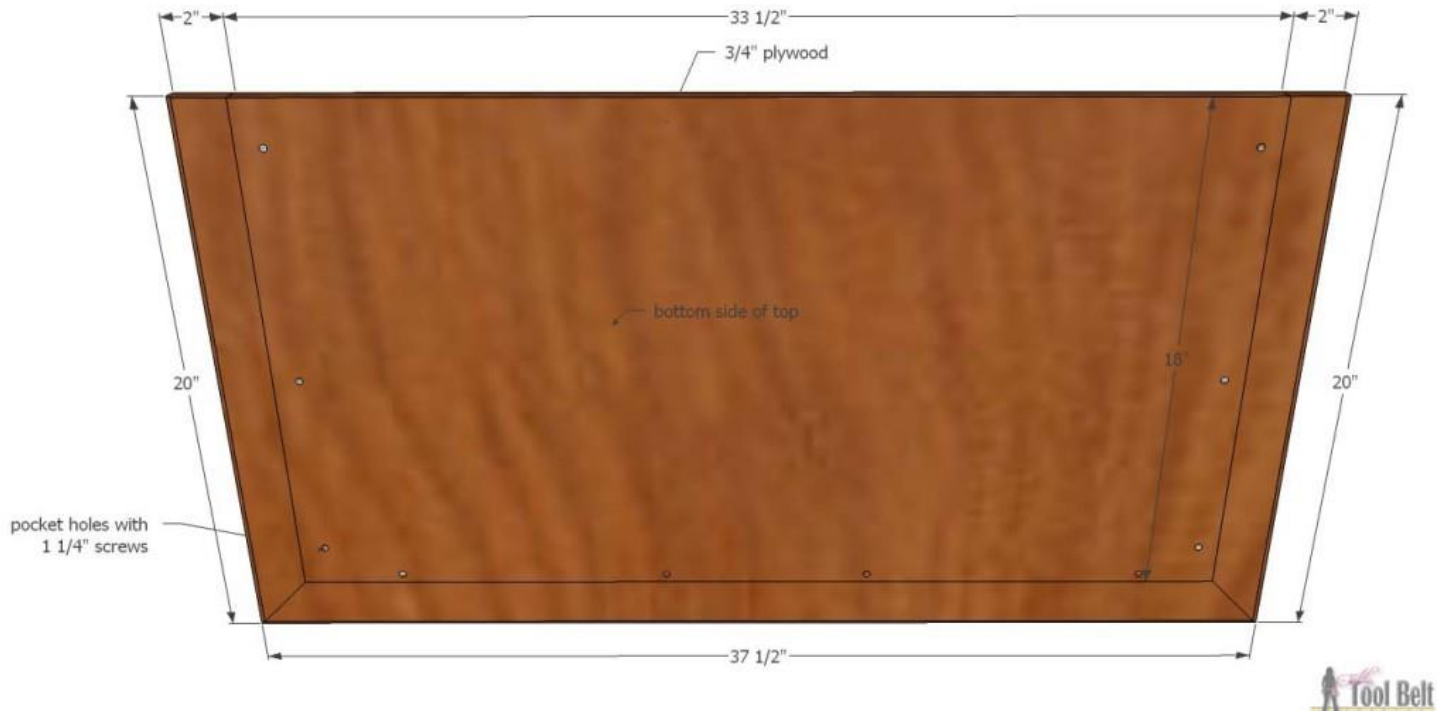


Step 4

Trim the 1x3's down to 2" wide and cut a 1/4" bevel. (If you don't want to make a bevel, you can add detail with cove molding instead.)



Cut a piece of the 2" board that is $37\frac{1}{2}$ " with a 45 deg cut on each end, as shown. Cut 2 pieces that are 20" long with a 45 deg cut on one end. Drill pocket holes in the top plywood piece and attach the plywood to the 2" trim with wood glue and $1\frac{1}{4}$ " screws.

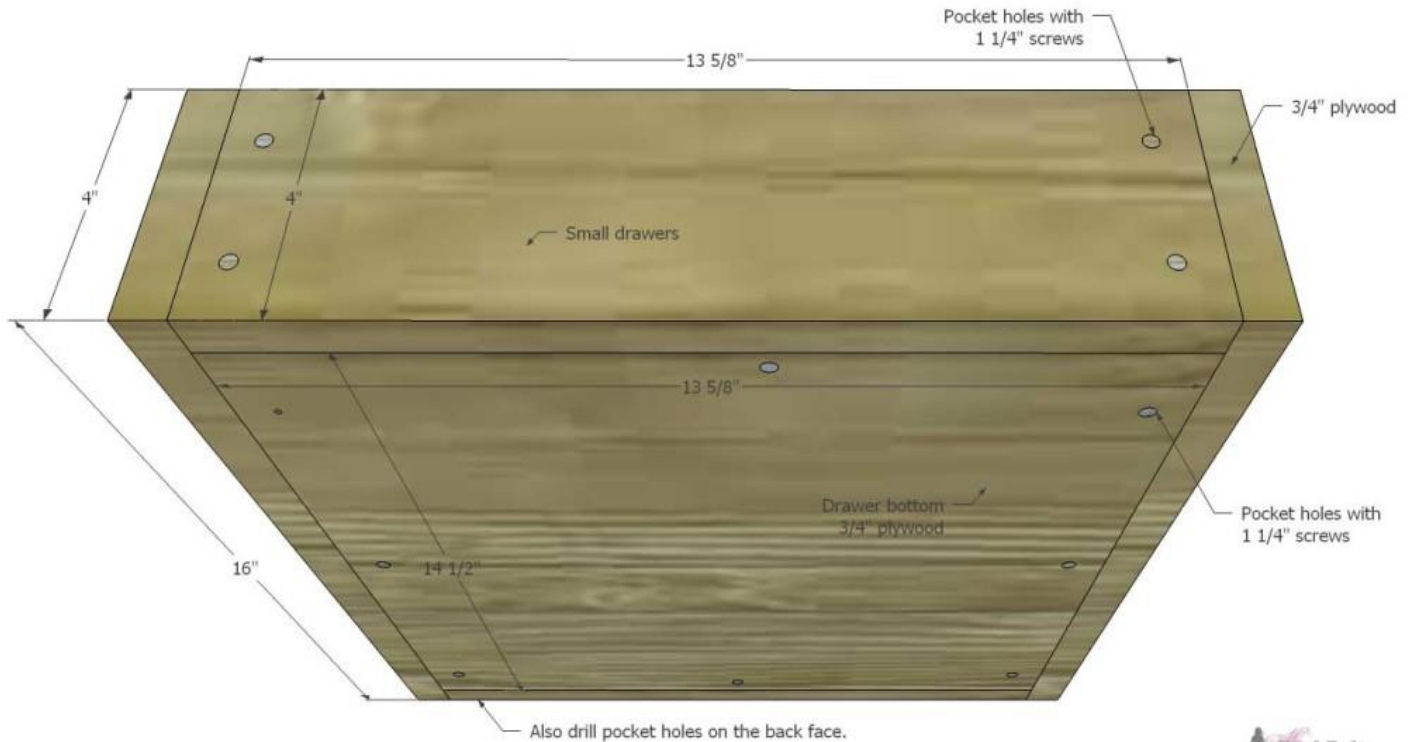


Attach the top to the dresser with $1\frac{1}{4}$ " screws.



Step 5

Drill pocket holes in the ends of the 4" x 13 5/8" plywood pieces, and around the bottom 13 5/8" x 14 1/2" pieces. Use wood glue and 1 1/4" screws to assemble the drawers.



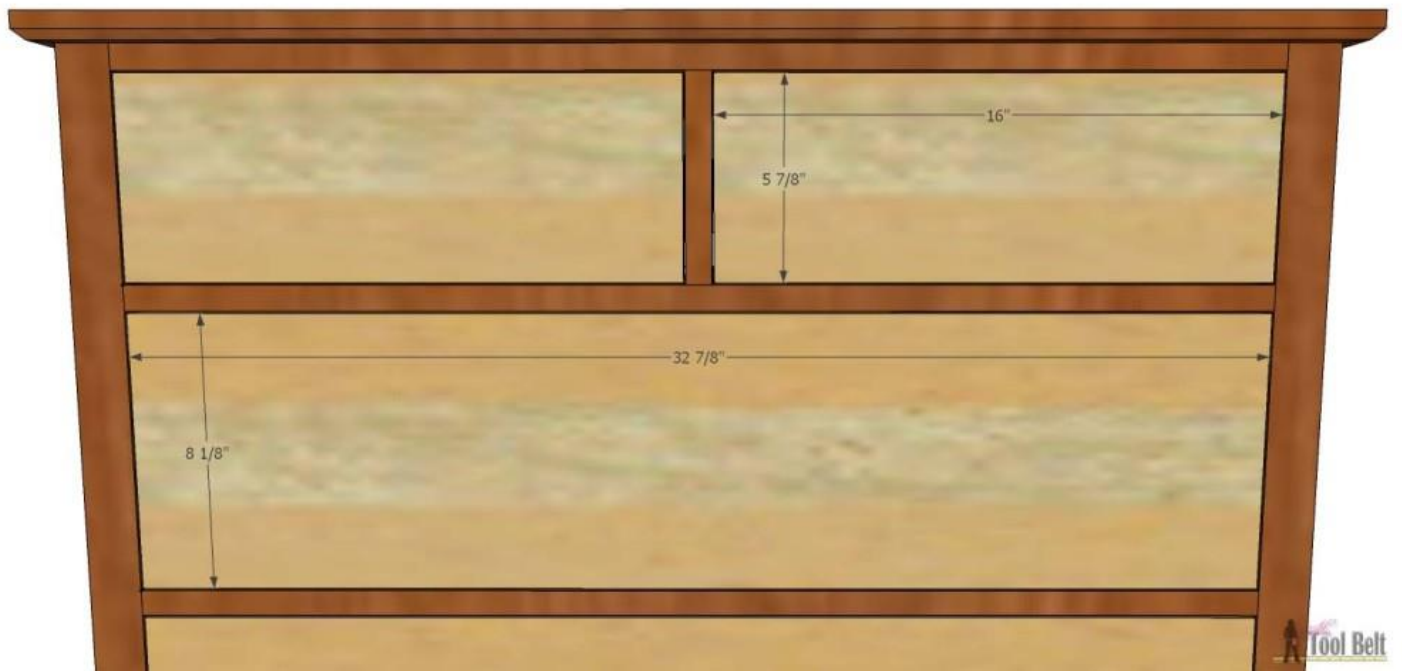
Drill pocket holes in the ends of the 6" x 30 1/2" plywood pieces, and around the bottom 30 1/2" x 14 1/2" pieces. Use wood glue and 1 1/4" screws to assemble the drawers.



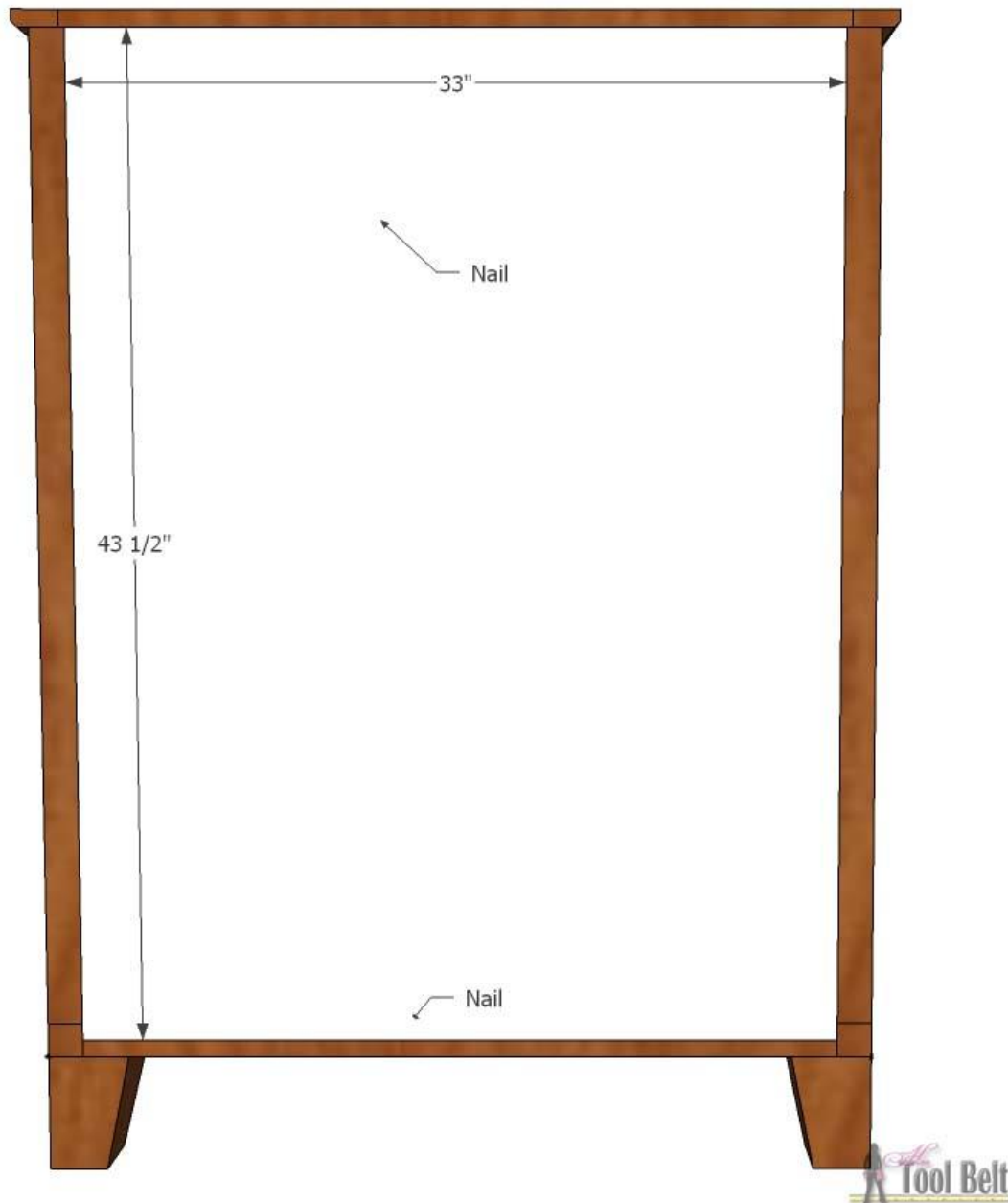
Attach the drawers to the slides, make sure all of the slides are working, and make adjustments as necessary.

Step 6

Cut the drawer fronts to fit the openings. You'll want a small gap around the drawer front, about $\frac{1}{16}$ " around, so cut the drawer front $\frac{1}{8}$ " smaller than the measured opening. Attach the drawer fronts to the drawers with $1\frac{1}{4}$ " screws.



Attach the back with 5/8" brad nails, or screw into place.



Step 7

Apply wood filler to any cracks, blemishes and holes as necessary, allow to dry. Sand the wood filler and the dresser smooth, ending with 120-150 grit sand paper. If staining, start with wood conditioner, then stain according to the manufacturers directions and allow to dry. Finish the dresser with a 1-2 coats of polyurethane or your preferred top coat.

Once the top coat is cured, add pulls to the drawers.