

Cribbage board is mostly made out of scrap material.

PARTS

- A** plywood core - top & bottom - (2) $1/4" \times 8" \times 12\ 1/2"$
- B** plywood core - middle pieces - (2) $5/8" \times 8" \times 12\ 1/2"$
- C** birch - inside lane - (4) $3/4" \times 3/4" \times 12"$
- D** purpleheart - square for last hole - (1) $3/4" \times 1\ 1/2" \times 1\ 3/4"$
- E** walnut - filler lanes - (5) $3/8" \times 3/4" \times 12"$
- F** maple - skunk lines - (2) $3/4" \times 3/4" \times 12"$
- G** tigerwood - outside lane - (4) $3/4" \times 3/4" \times 12"$
- H** poplar - bottom - (2) $3/4" \times 4\ 1/2" \times 8"$
- I** oak - bottom - (1) $3/4" \times 3\ 1/2" \times 8"$
- J** maple sides - (2) $3/4" \times 4" \times 12"$
- K** maple front & back pieces - (2) $3/4" \times 4" \times 9"$
- L** maple - drawer sides - (2) $3/8" \times 1" \times 4\ 3/4"$
- M** maple drawer front; walnut drawer back - (2) $3/8" \times 1" \times 3\ 7/8"$
- N** plywood - drawer bottom - (1) $1/8" \times 4\ 5/8" \times 4\ 3/4"$
- O** maple - drawer front - (1) $5/8" \times 2" \times 5\ 1/2"$

TOOLS

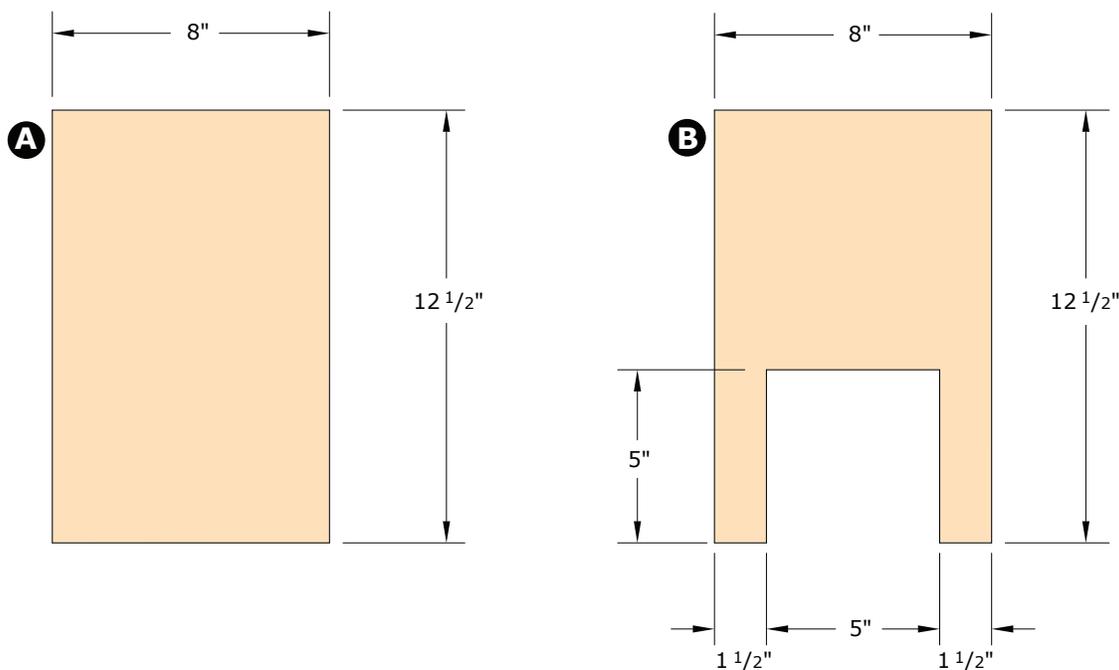
- table saw 1346-634
- jigsaw 1268-489
- jigsaw blade for hardwood 1217-015
- belt sander 1262-965
- belt sander paper 1212-315
- orbital sander 1262-175
- sand paper for orbital sander 1234-209 or 212
- fine sand paper 1 sheet 1230-210
- drill press 1334-114
- $1/2"$ drill bit 1242-328
- $1/8"$ brad point bit 1214-313
- clamps 1023-261

MATERIALS

- tigerwood $1 \times 4 \times 12"$ long
- birch $1 \times 4 \times 12"$ long
- walnut $1 \times 3 \times 12"$ long
- maple $1 \times 6 \times 24"$ long
- oak $1 \times 4 \times 12"$ long
- poplar $1 \times 6 \times 24"$ long
- purpleheart - scrap piece: $3/4" \times 1\ 1/2" \times 1\ 3/4"$
- $1/4"$ plywood $16" \times 16"$
- $5/8"$ plywood $16" \times 16"$
- $1/8"$ plywood $5" \times 5"$
- carpenter's glue 2020-182
- plastic pegs 7237-420

Optional:

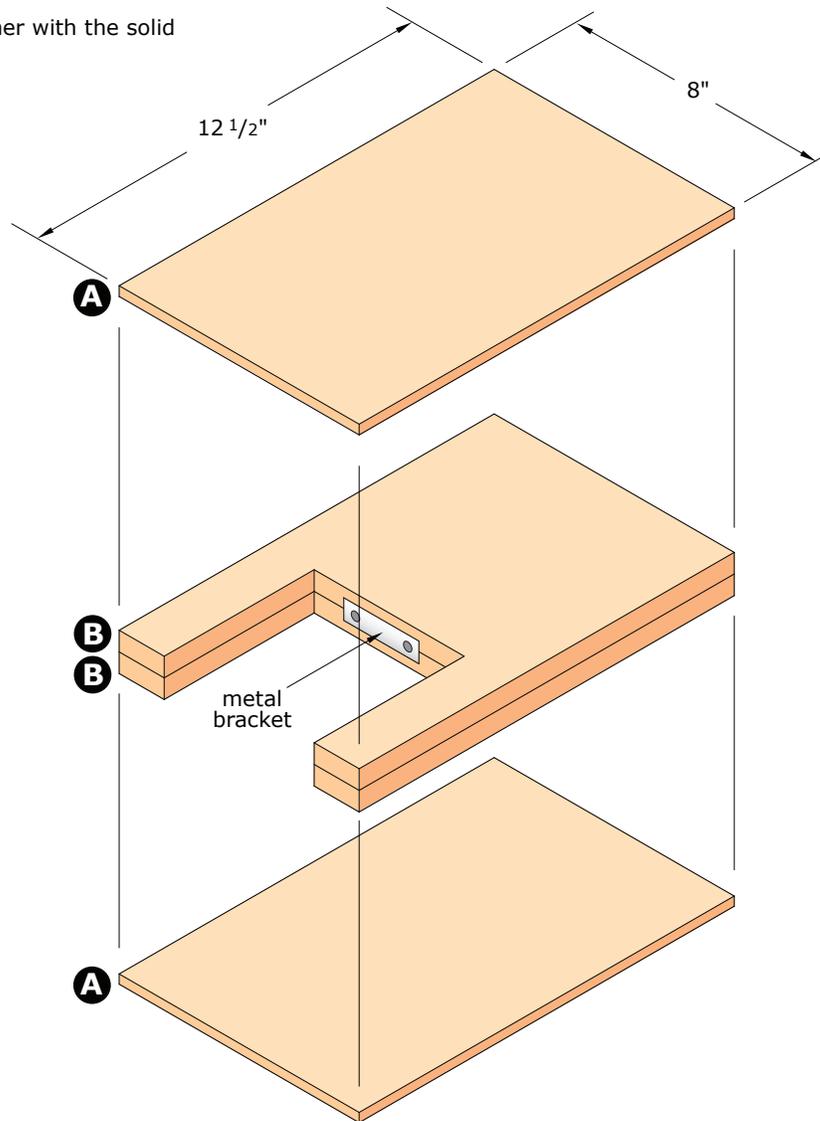
- thin metal flat bracket $3/4" \times 2"$ (with screw holes)
- small magnet - approx $5/8"$ (with screw hole)
- magnetic strip with adhesive backing (for metal pegs)



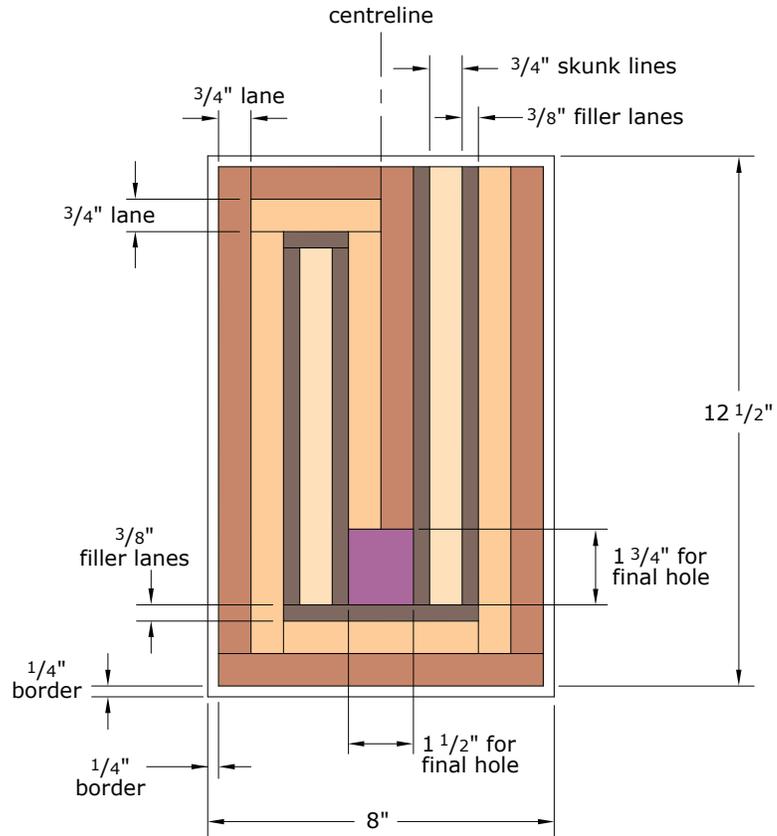
Glue the two middle pieces of plywood together and cut a 5" x 5" "U" notch for the drawer opening.

Optional: Fasten a small metal flat bracket to the back of the "U" notch for a drawer magnet.

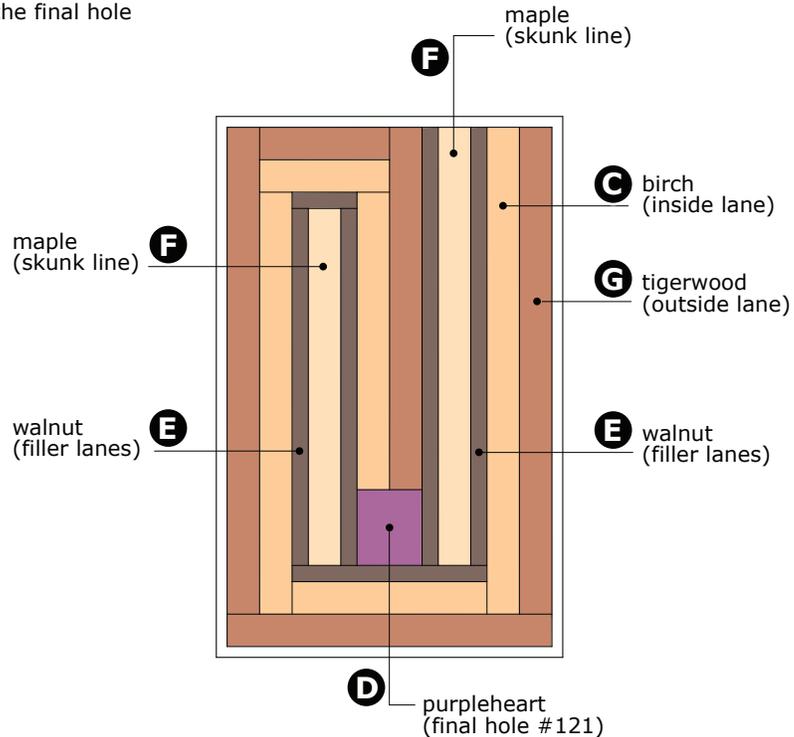
Now glue the four pieces together with the solid pieces on the outside.



Draw or transfer the cribbage pattern onto the plywood top.
 There is an extra $\frac{1}{4}$ " plywood border on all sides that will be sanded off later.



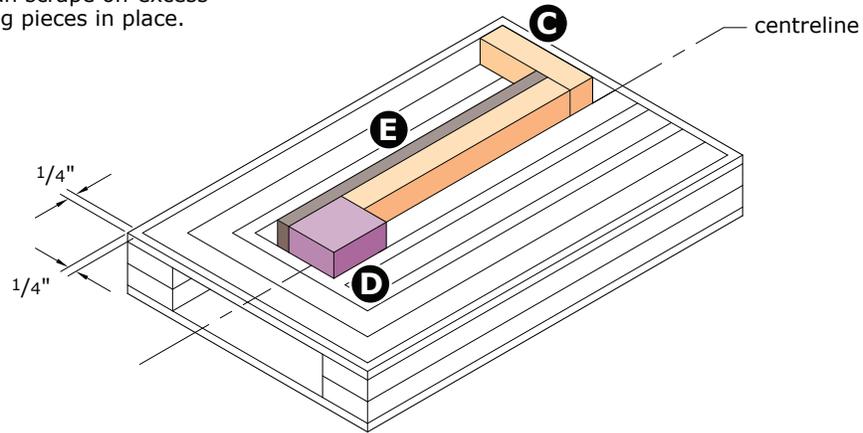
The lanes and skunk lines are $\frac{3}{4}$ " wide each.
 The filler lanes are $\frac{3}{8}$ " wide.
 The purpleheart wood square for the final hole is $1\frac{1}{2}$ " x $1\frac{3}{4}$ ".



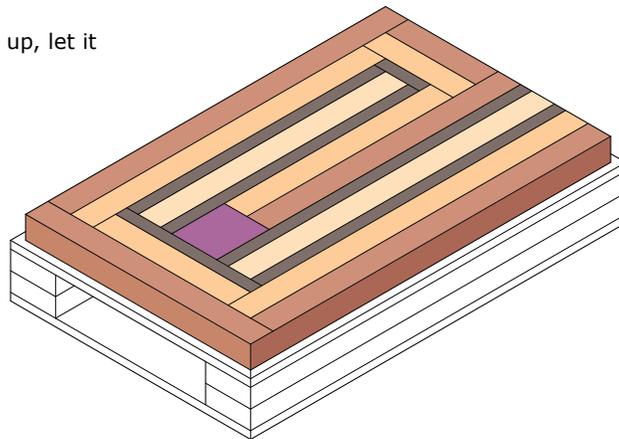
Cut a 1 x 4 x 12" long piece of tigerwood and a 1 x 4 x 12" long piece of birch into $\frac{3}{4}$ " x $\frac{3}{4}$ " strips (4 strips of each wood required). Then cut a 1 x 3 x 12" long piece of walnut into $\frac{3}{8}$ " x $\frac{3}{4}$ " strips (5 strips required). For the skunk lines cut two $\frac{3}{4}$ " x $\frac{3}{4}$ " x 12" strips of maple. Also cut one small piece of $\frac{3}{4}$ " purpleheart to 1 $\frac{1}{2}$ " x 1 $\frac{3}{4}$ " for the final hole #121.

Starting in the centre, cut and glue pieces to fit the pattern in the drawings.

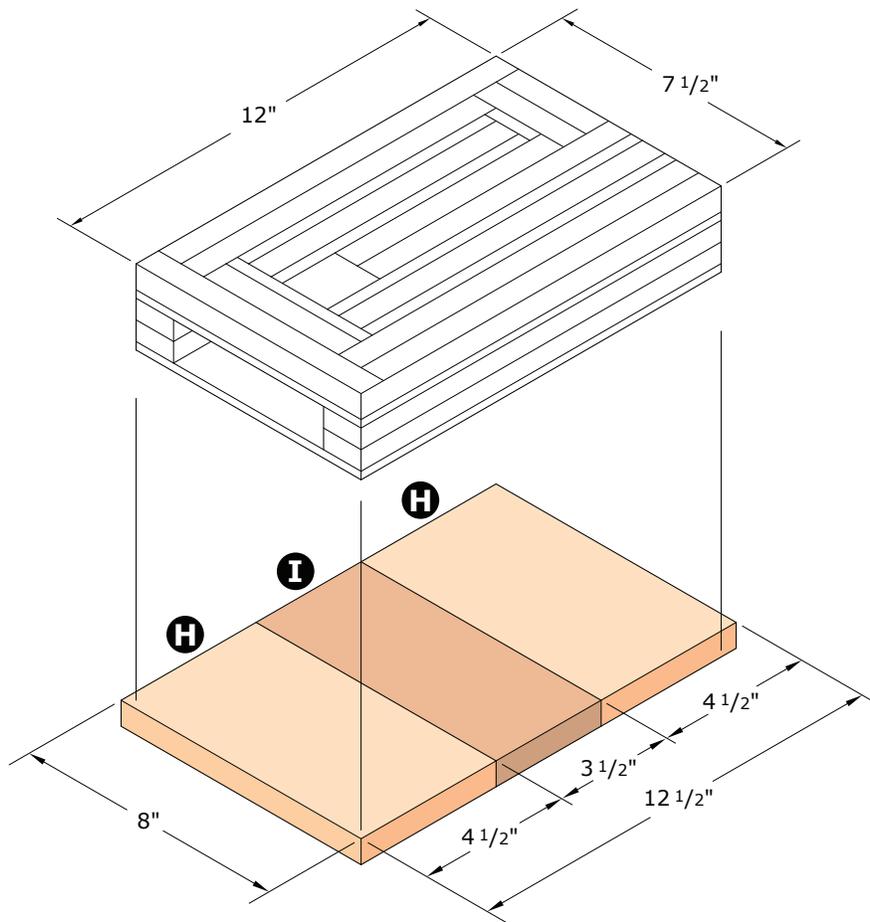
You can glue and clamp a few pieces in place at a time. After 30 minutes, you can scrape off excess glue and continue putting pieces in place.



When the cribbage pattern is glued up, let it stand for 24 hours.



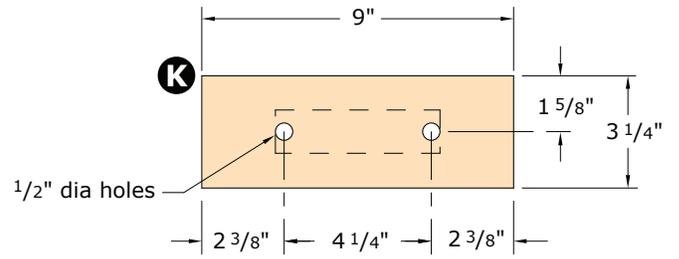
Now trim the outside plywood close to a finished size of 7 1/2" x 12" making sure it is square.



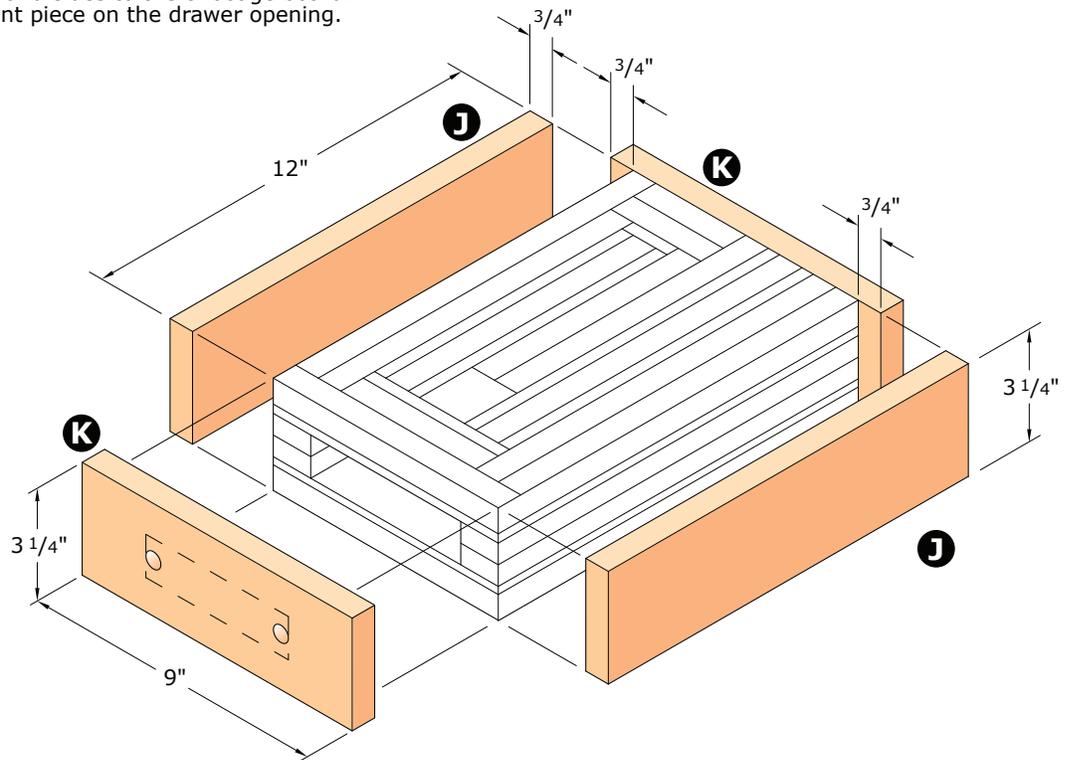
For the back, cut two pieces of poplar and one piece of oak. Layout and glue into place. After the glue dries, sand to a finished size of 7 1/2" x 12" making sure it is square.

Cut the four pieces of $\frac{3}{4}$ " maple for the sides, front and back.

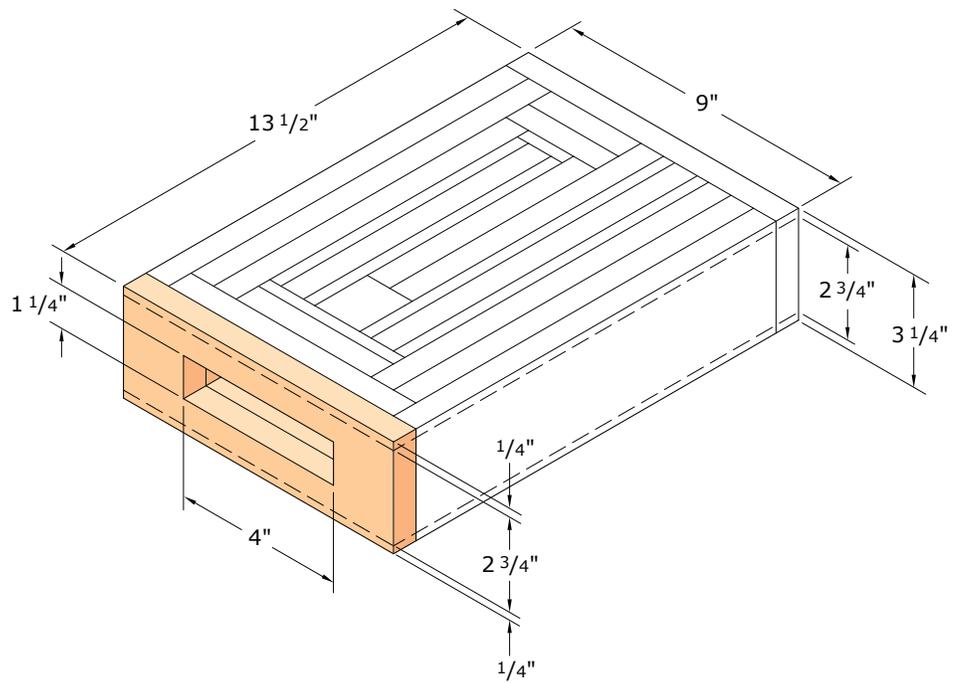
Drill two $\frac{1}{2}$ " holes into the front piece of maple.
Centre these holes over the "U" cutout in the cribbage board.
These holes will be used to cut out the drawer opening with
a jigsaw.



Glue the maple front, back and sides to the cribbage board.
Be careful to centre the front piece on the drawer opening.



Cut out the 1 1/4" x 5" opening for the drawer using a jigsaw.
Sand the opening flush with the sides of the "U" cutout.



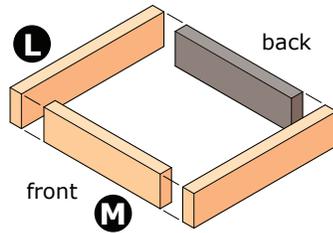
Now very carefully sand down the top and bottom of the board in EQUAL amounts to a minimum finished board thickness of 2 3/4".

Scribe a line around the top and bottom of the board as a guide for sanding.
Use a tabletop belt sander with 80 grit paper to sand the board flat and square.
Then use an orbital sander to fine sand.

Be very careful not to sand down to the plywood below the cribbage pattern.

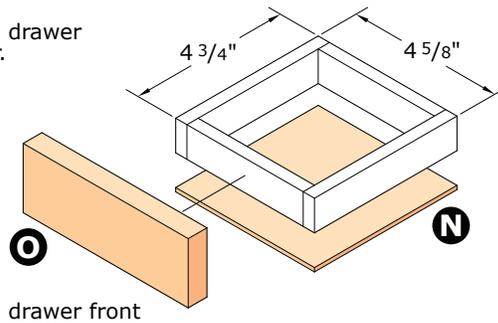
The finished size of the board is 2 3/4" x 9" x 13 1/2".

Glue the drawer frame pieces together.



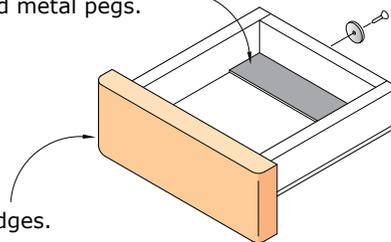
Glue the plywood bottom to the bottom of the drawer frame.

Centre the front piece on the drawer box and glue it to the drawer.



Optional:
Fasten a magnetic strip with a self adhesive backing to the bottom of the drawer to hold metal pegs.

Optional:
Fasten any type of small magnet (approx 5/8") to the back of the drawer with a small screw.



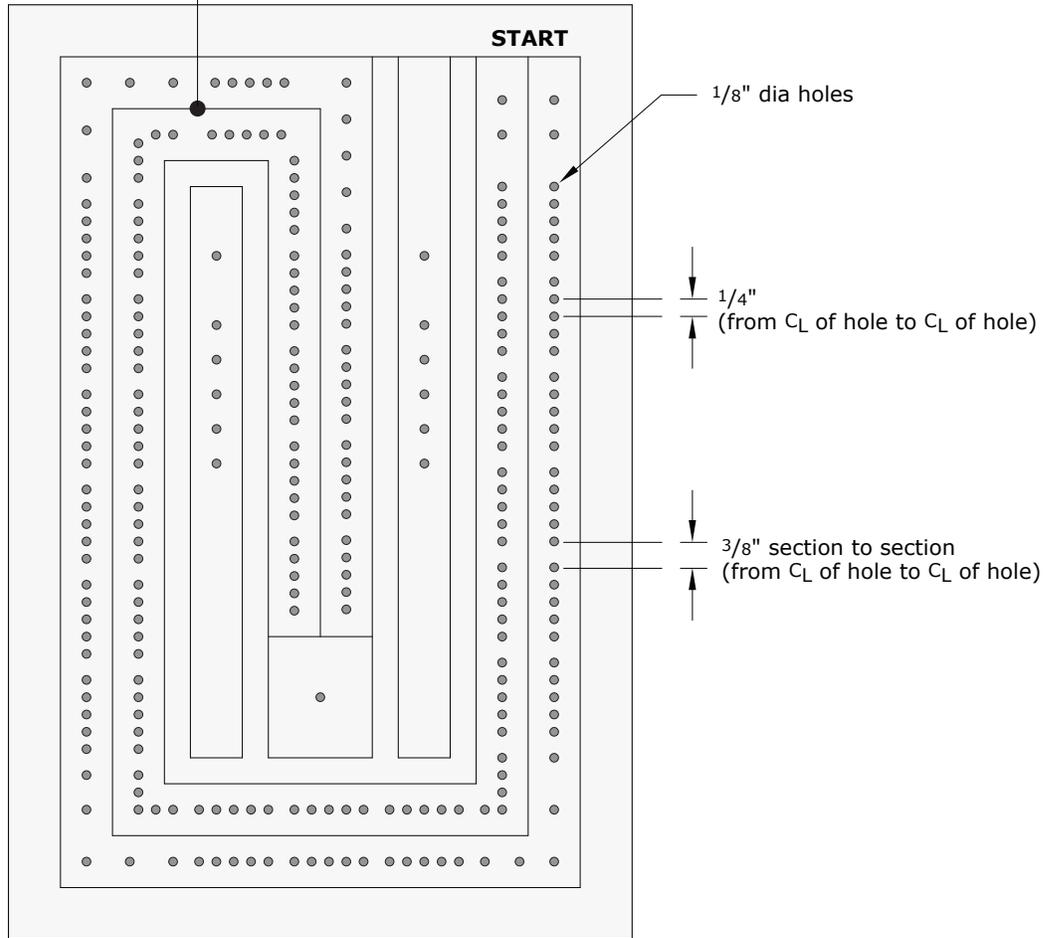
Sand a small radius on the front edges.

If the finished drawer fits too tight, sand the sides and back to adjust the fit.

Sand all the sides and edges of the drawer smooth.

Layout or transfer the hole pattern onto the top of the board and drill the holes on a drill press with a 1/8" brad point bit.

Place a marker or small fastener between holes 89 and 90 to mark the skunk location.



INNER LANE: Within each five hole grouping, the 1/8" dia holes are spaced 1/4" apart from centreline of hole to centreline of hole.

The five hole groupings are spaced 3/8" apart from centreline of hole to centreline of hole.

WOOD FINISH: Hand sand to remove any scratches. For the finish, soak in a mixture of 1/3 boiled linseed oil, 1/3 Tung oil, and 1/3 paint thinner for 20 min.

Air dry for a few days, and when it's dry to the touch, apply two coats of wax. Apply a spray wood polish if it starts to look worn after a lot of use.