Sliding Barn Door Desk

68"

30"

SUPPLY LIST

Item	Quantity	Description
3/4" hardwood plywood	1	4' x 8' sheet
1/4" hardwood plywood	1	4' x 4' sheet
1x8x8	2	pine or whitewood
1x6x6	1	pine or whitewood
1x3x8	4	pine or whitewood
1x2x6	2	pine or whitewood
Kreg Pocket Hole Screws	Handful	1.25"
wood glue		
barn door hardware		Check website for link to instructions!

CUT LIST

1x3x8 — 19 3/4"

1x6x6 — 63"

3/4" hardwood plywood

29 1/4"   18 1/2"   16"

19"   19"   18 1/2"

1/4" hardwood plywood

You can use the extra 1/4" hardwood plywood to back the doors if needed.

19 1/4"

27 1/4"

project panel cut to size

68"

22 1/4"

CUT LIST

1x2x6 | 22 1/4"

1x2x6 | 26 3/4"

1x3x6 | 18 1/2" | 26"

1x3x8 | 21 1/2" | 20"
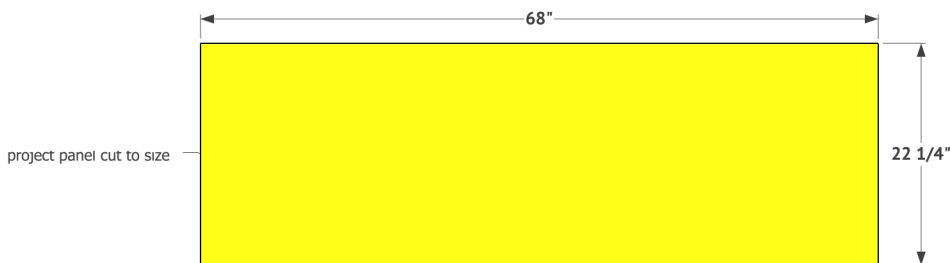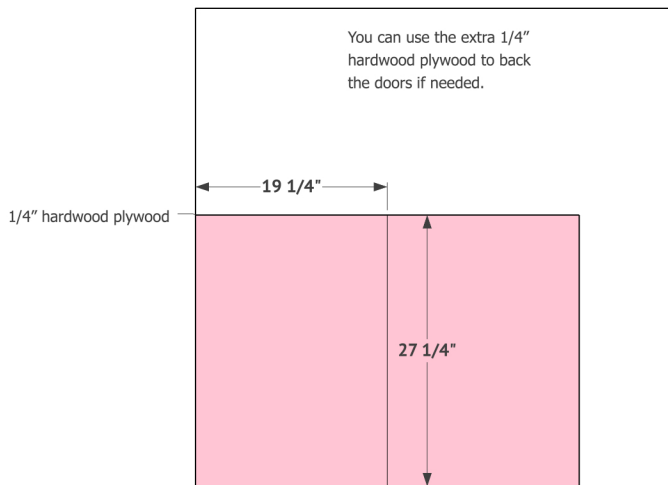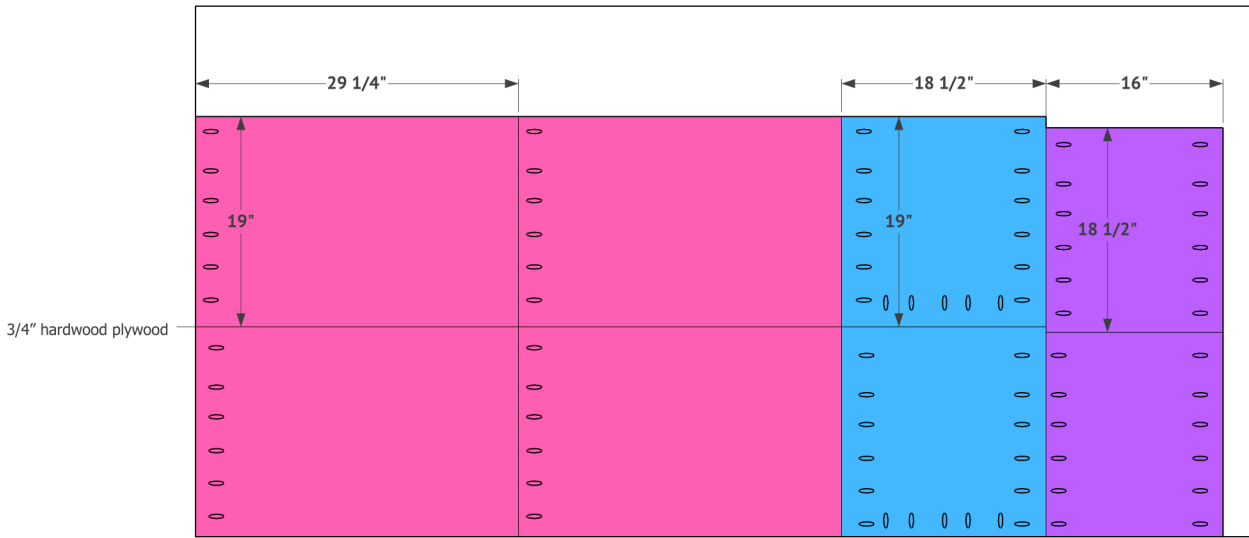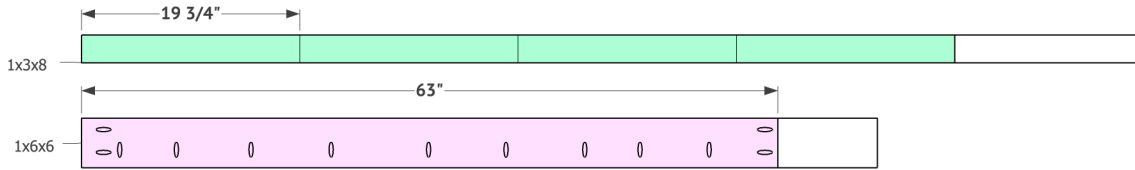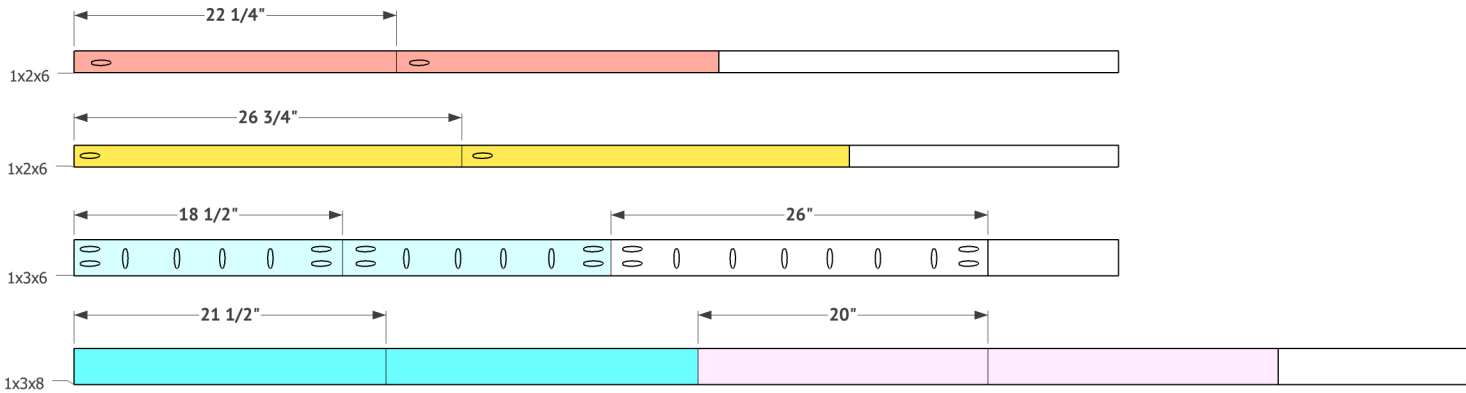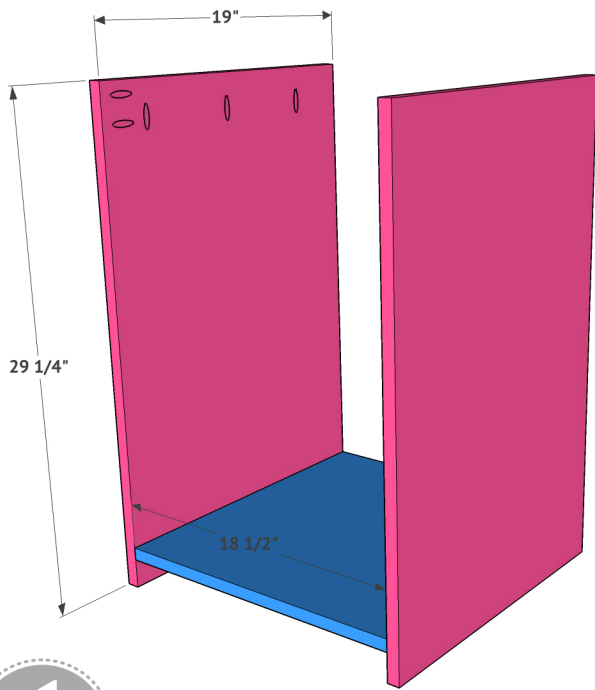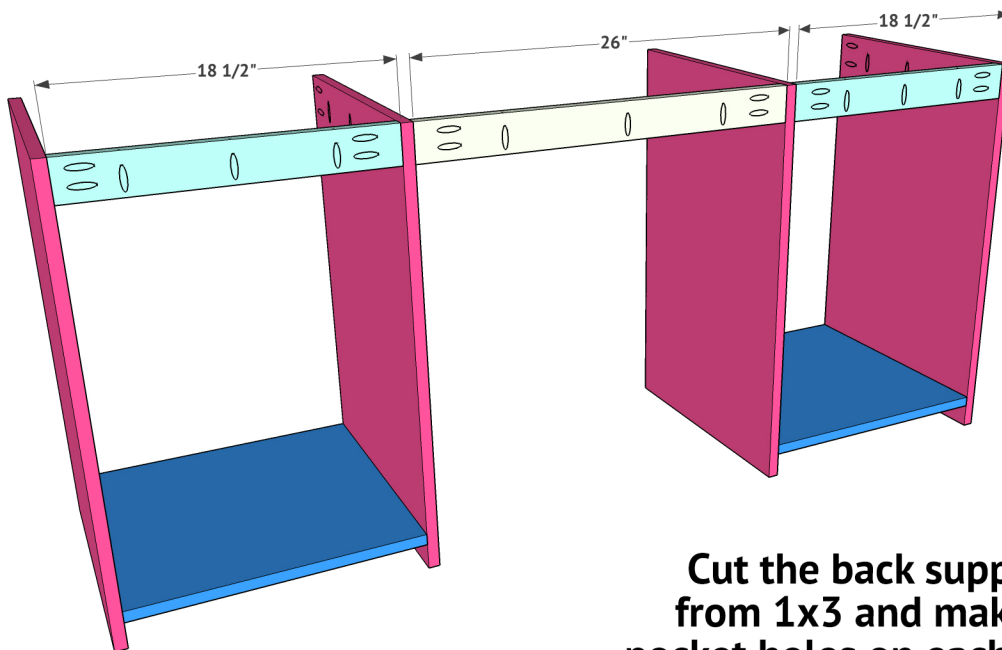
CUTS FOR THE DOOR FRAMES

1x3x8 | 22 1/2"

1x3x8 | 14"

front of desk
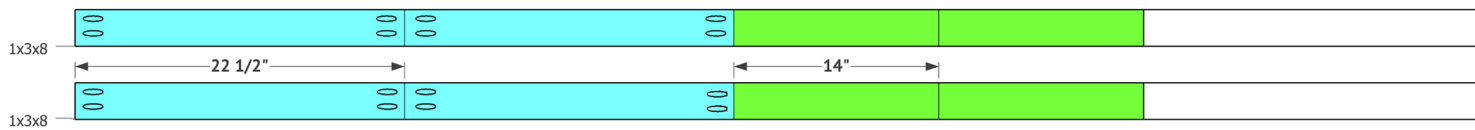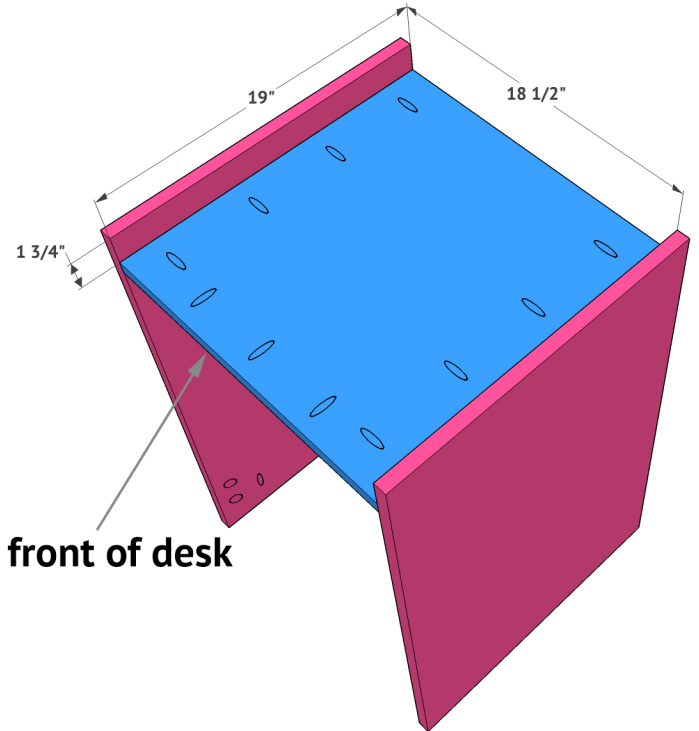
①

Start by making your 3/4" pocket holes
in your plywood pieces. Next, attach
the bottom base pieces to the side
pieces using 1.25" pocket hole screws.
Note that the base pieces should line
up 1.75" from the bottom of both side pieces.

②

Cut the back support pieces
from 1x3 and make the 3/4"
pocket holes on each board. Then,
attach them in place using wood
glue and 1.25" pocket hole screws.

63"

17"

26"

17"

29 1/4"

26 3/4"

20"

66"

20"

③
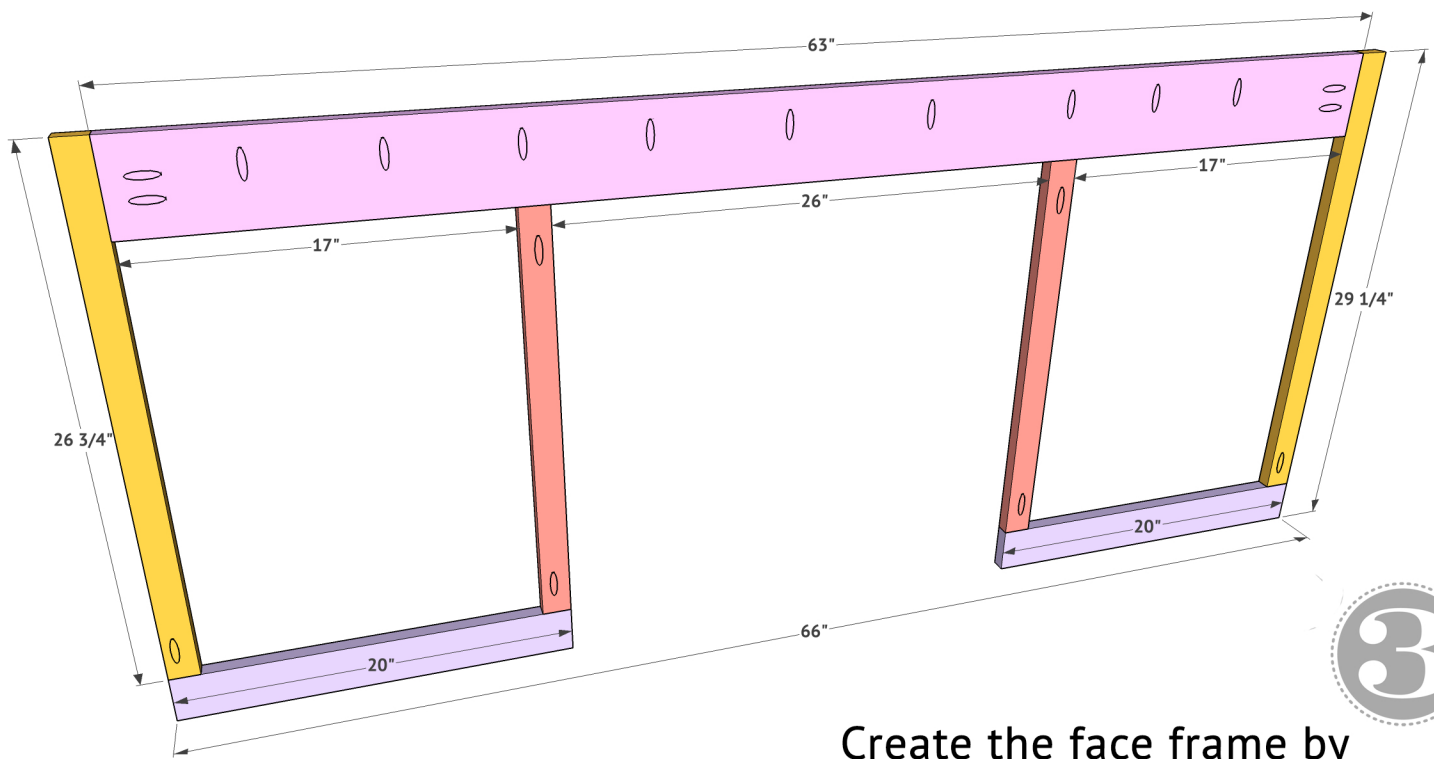
Create the face frame by attaching each piece as shown through the 3/4" pocket holes and into the joining boards. It's a good idea to measure your boxes you just created first to make sure the measurements are the same.

④

Now attach the face frame to the boxes. You will do this by using 1.25" pocket hole screws through the pocket holes on the sides of the boxes as well as the bottom of the box pieces. You can also attach the long side pieces with wood glue and 1.25" finish nails through the face frame and into the boxes.
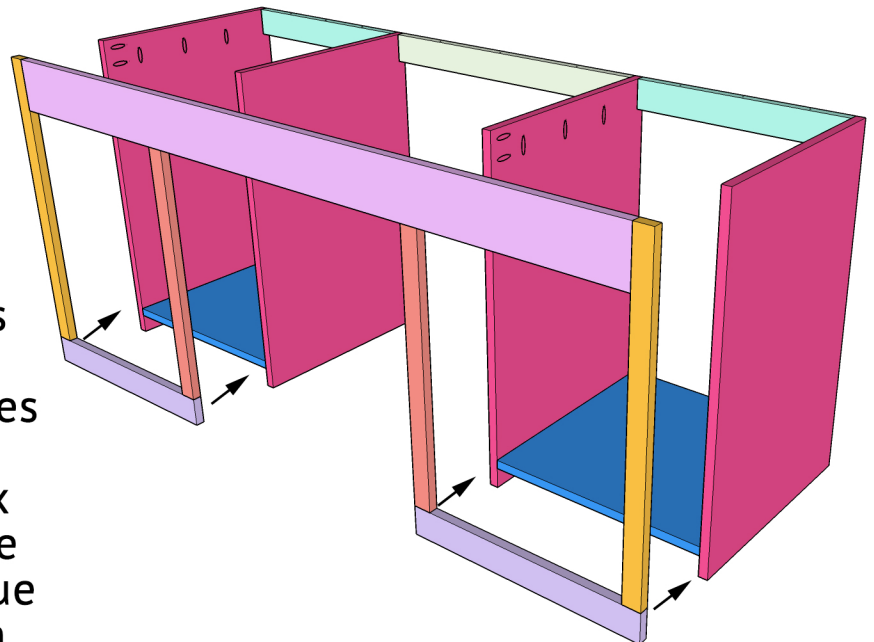
⑤

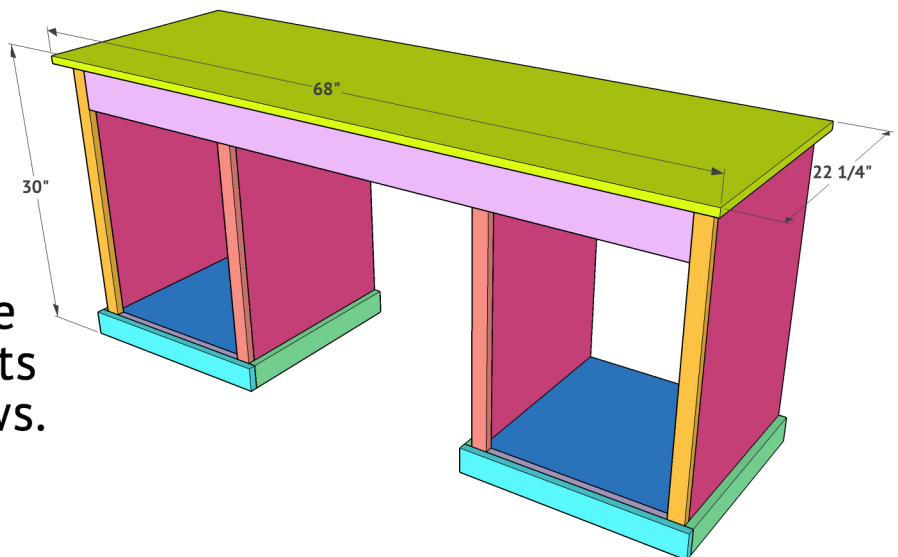Now add the 4 bottom trim pieces to the bottom of the desk using wood glue and 1.25" brad nails.
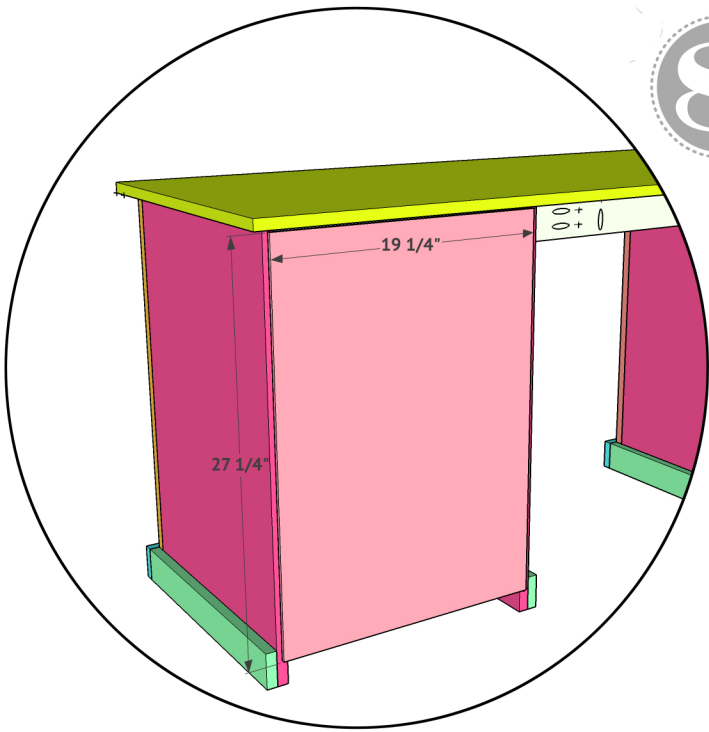
19 3/4"

67 1/2"

⑥

21 1/2"
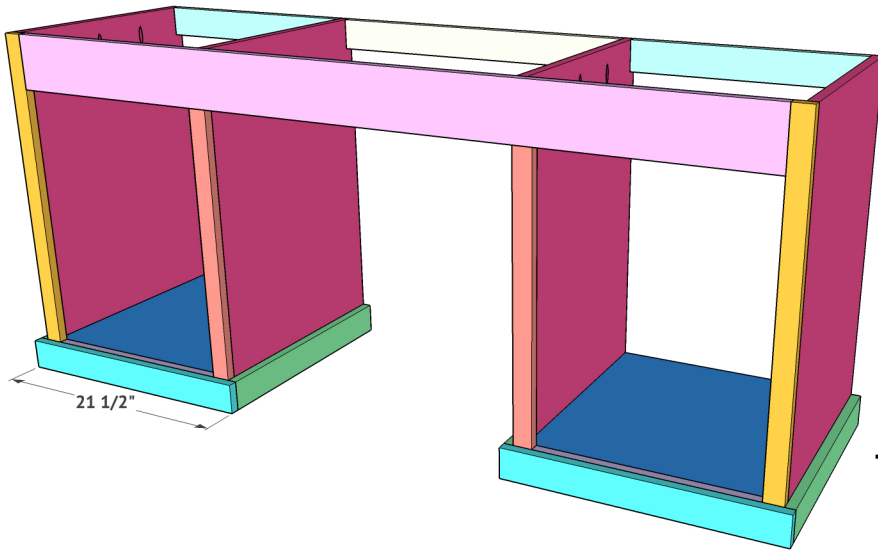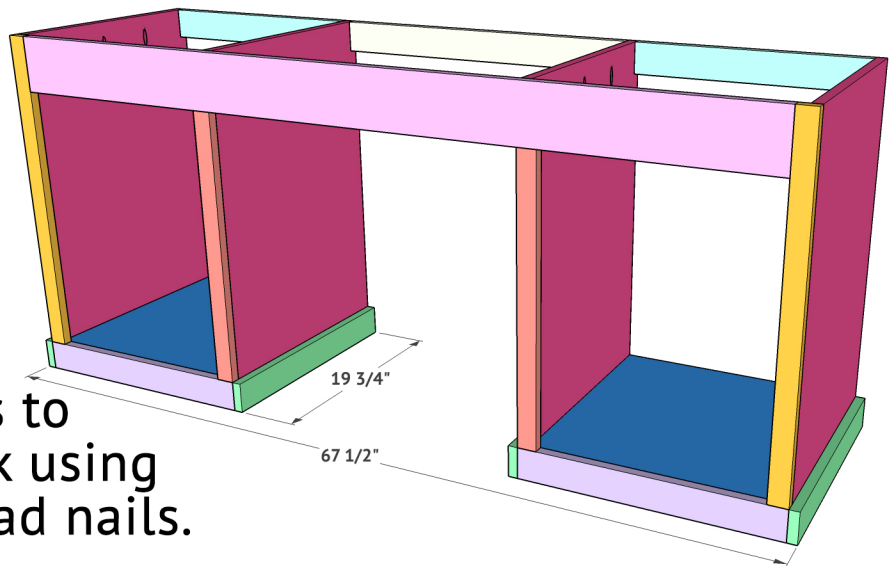
Attach the bottom front trim pieces also using wood glue and 1.25" brad or finish nails.

⑦
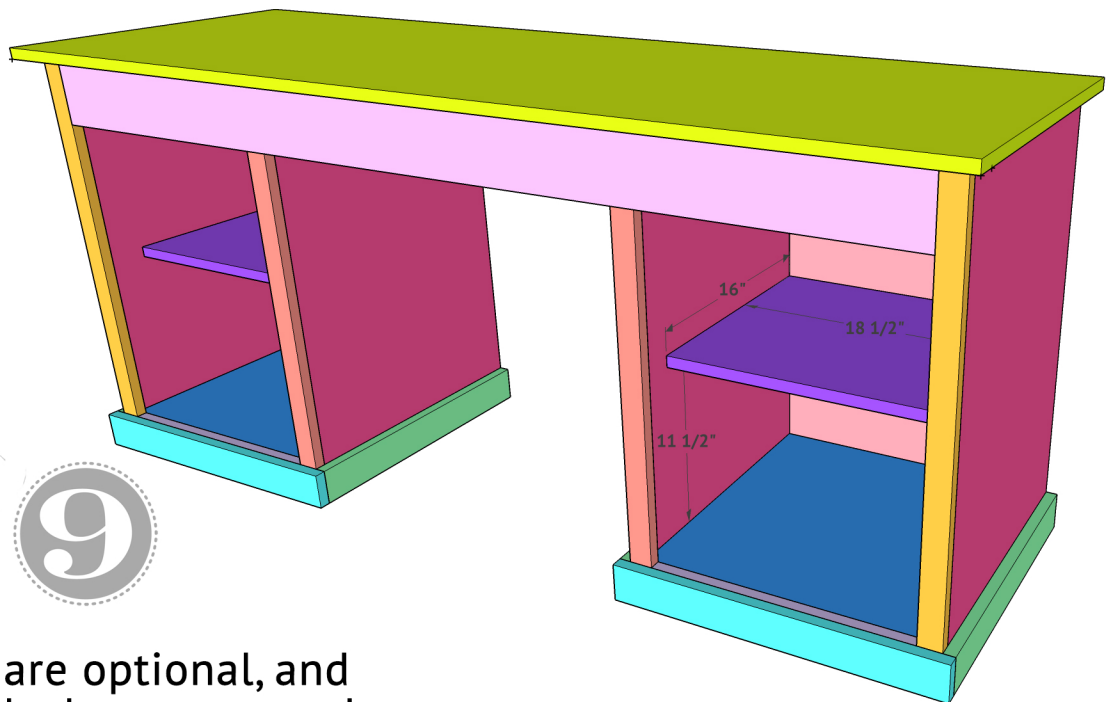
Time for the top! Attach the desk top through the pocket holes you made in the apron, sides and back supports using 1.25" pocket hole screws.

30"

68"

22 1/4"

⑧

Cut the back plywood pieces
and attach them using 5/8" staple
into the back of the desk.

19 1/4"

27 1/4"

⑨

16"

18 1/2"

11 1/2"

The shelves are optional, and
can be added where you need
them. I placed mine 11.5" from
the bases of the desk. Attach them using
1.25" pocket hole screws
through the bottom of each
shelf and into the sides.

10

The final step is building the doors. Create the frames by attaching the shorter boards to the longer boards using 1.25" pocket hole screws. You can have fun with the inside of the doors! I used faux tin panels on mine, but lots of materials will do. Check out our website for a link to that as well as a link to the video showing how we build our own DIY barn door hardware!

14"

22 1/2"