

NAME Day 2018

“DESK” Assembly for all scales • Bedroom – Part III

Designed by the NAME Day 2018 Committee

**Tools:**

- Scissors
- Sandpaper/emery boards
- Gluing jig

**Supplies:**

- Wood Glue and/or Turbo Tacky or other glue of choice

**Before you start:**

As you work on each section, match up ALL parts with the drawings.

Carefully trim saw-cut “fuzzies” from ends with scissors. Sand pieces as needed.

If staining, it is best to do so before gluing together.

• **DRAWER ASSEMBLY** •

Drawer assembly for the desk is similar to the drawers of the armoire last year.

NOTE: All drawers are assembled the same way.

1. Glue the drawer back to the back edge of the drawer bottom. (Figure 1)



Figure 1

2. Glue the sides onto the drawer bottom and back. (Figure 2)



Figure 2

3. The sides should be flush at the front and cover the edge of the drawer back.
4. Set aside to dry. The first drawer will be dry enough to add the drawer front when you finish the third drawer assembly.
5. Gently bevel all four edges of the drawer fronts with an Emery Board. (Figure 2)

6. Place the drawer on top of the part that will be used as the drawer support. (Figure 3)



Figure 3

7. Center the correct drawer front at the front of the drawer and glue in place.

Follow the same procedure for the other two drawers. Set aside to dry thoroughly.

• **DESK ASSEMBLY** •

1. Use a squaring jig to glue the side frames together. (Laser cutters may elect to cut the side frames as one piece, so this step will not be necessary.)
2. Glue frames onto each side piece.

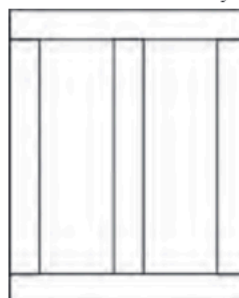


Figure 4

OR

Assemble the side frames right onto each side piece.

3. Using a glue jig, glue the two sides to the outside edge of the back. Make sure they are flush at the top and square to the back. Set aside and let the unit dry thoroughly.



Figure 5

4. Sand the two front corners of the desk into a slightly rounded shape. I also lightly rounded the side and front edges, so they are not so sharp.
5. Glue the desk top to the side and back assembly. The back should be flush with the back and the top centered from side to side. It will overlap in the front.
6. Since the small and lower drawer can be on either the right or left side,



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## NAME Day Project

- Continued from page 30

it is necessary at this point to make that decision as to how you want your desk.



Figure 6

7. Turn the desk on its back. Place the two smaller desk supports (#4) at the top and bottom. (Figure 7)

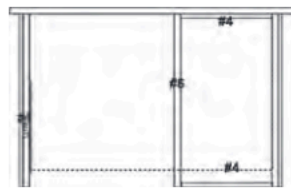


Figure 7

8. Glue the Mid Support (#6) to the back and top of the desk using the supports as spacers for placement.
9. When dry, turn the desk upside down with the Top on the jig. Place the two spacers (#11) on the top on each side of the drawer section. (Figure 8) Glue the Small support spacer to the sides and back of the desk. Be careful not to get glue on the spacers as you want to remove them after the glue dries.

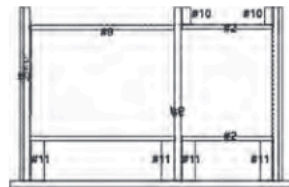


Figure 8

10. Repeat this procedure with the Long Drawer front. Make certain that the small and long drawer supports are aligned with each other.
11. When dry, turn the desk right side up. Glue both of the #10 spacers to each side of the drawer section flush with the bottom and front. (Figure 8)
12. Glue the sides and back of the drawer support onto these spacers. These spacers will stay in place for extra support. Do not remove.
13. Glue the Foot of the Drawer section (#8) to the bottom of the drawer section flush with the bottom.
14. Glue the Foot Rest to the bottom of the back and sides of the open area of the desk. This will stabilize the open section of the desk.

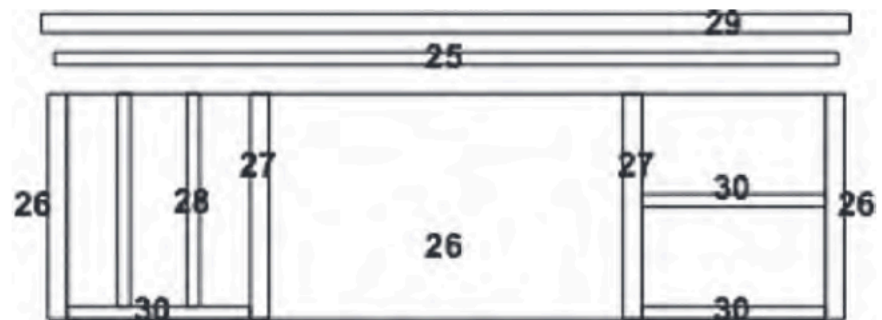
## • HUTCH ASSEMBLY •

All three scales will go together in the same manner. We have placed the vertical shelves on the left and the horizontal shelves on the right, but you can decide to put them on whichever side you prefer.

1. Glue sides (24) to outside edges of back (26) flush at the top and bottom.



2. Glue top support (25) to top of back/sides unit flush at the back and centered left and right.
3. Glue one cubby shelf (30) to the bottom inside of each side wall (26).
4. Using the 1/2" spacer (31) glue a shelf to the side on one side.
5. Glue one Inside Cubby wall (27) to the exposed edges of the shelves (30) and the back.
6. Using the 1/4" Vertical Divider Spacer (32), glue the two Cubby Vertical dividers (28) evenly spaced between the outside wall (26) and the inside wall (27)



*Optional:* You may want to bevel the front and sides of the top (29) and the top support (25) using an emery board prior to assembly.



7. Glue the Top (29) to the top of the assembled unit flush at the back and centered right and left

Glue the Hutch onto the Desk Top, flush with the back and centered right and left.

Well at least until you put on whatever finish you are using. Pull up a chair and there you are!

- Continued on next page





# NAME Day 2018

## “CHAIR” Assembly for All Scales • Bedroom – Part III

Designed by the NAME Day 2018 Committee

### Tools:

- Scissors
- Sandpaper/emery board
- Gluing jig

### Supplies:

- Wood Glue and/or Turbo Tacky or other glue of choice

### Before you start:

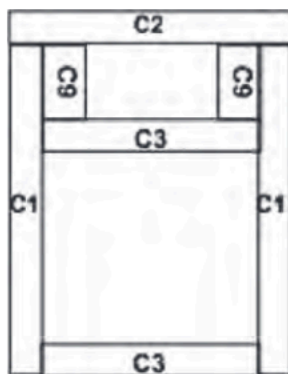
As you work on each section, match up ALL parts with the drawings.

Carefully trim saw-cut “fuzzies” from ends with scissors. Sand pieces as needed.

If staining, it is best to do so before gluing together.

### • SIDE FRAMES •

1. Glue arm rests (C2) onto tops of two verticals (#1)
2. Glue one side brace (#3) to the verticals flush with the bottom.
3. Place the two Spacers (#9) in the corners of the arm rest as pictured in Figure 1. Glue another brace (#3) to the verticals at the bottom of the spacer. Be sure not to get glue on the spacers as you will need to remove them when the brace is dry.



Side Assembly  
Figure 1

4. Let dry. Then repeat the process to make the second side of the chair. Figure 1 shows how your sides should look. Set aside to dry thoroughly.

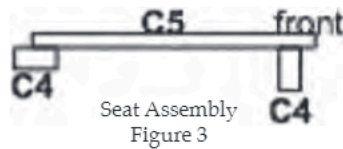
### • SEAT UNIT •

1. Glue one brace to the underside of the seat 1/16” in from the front. See Figure 3, Seat Assembly.

2. Glue one brace to the back underside of the seat allowing half the width of the brace to stick out the back edge of the seat as shown below. Again, refer to the diagram below.

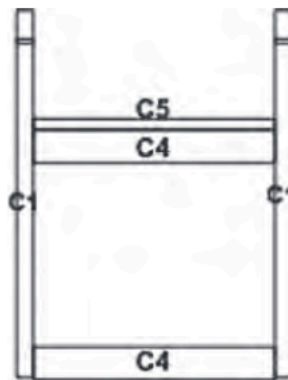
### • CHAIR ASSEMBLY •

1. Glue Seat unit to the side frames with the seat flush with the top of C3 on the side and 1/16” in from the front edge of the FRONT vertical (C1).



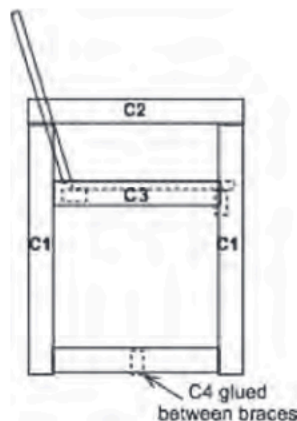
Seat Assembly  
Figure 3

2. Glue one front brace (C4) to the side braces flush at the bottom, half way to the back.



Front Assembly  
Figure 2

3. Glue the seat back to the back edge of the seat, resting on the brace piece. Angle it back and glue it to the upper outside corner of the back vertical strip. See Figure 4.



Seat Back Assembly  
Figure 4



### • ALTERNATIVES •

The committee was split on the shape of the chair, so we decided to accept both.

The laser cutters presented a version with the chair side frames at a slant. The saw cutters designed a chair side that was more square.

Both can be modified to allow for “No Arm Rests” so that the chair can be slipped under the long drawer of the desk as you desire.



Squared Chair Sides



Angled Chair Sides

# 2018 NAME Day Desk & Chair Part List

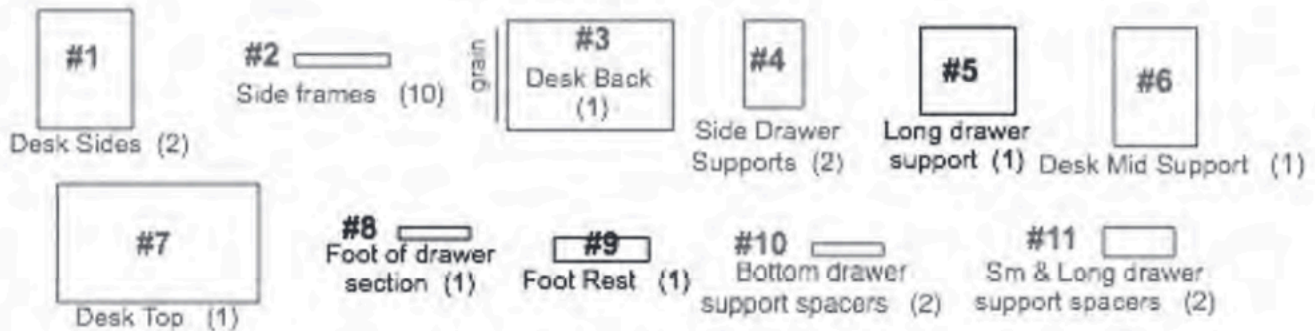
NAME Day Desk and chair Parts List			Scale: 1"		Scale: 1/2"		Scale: 1/4"	
Part #	CUT	DESK	Thickness	Part Size	Thickness	Part Size	Thickness	Part Size
1	2	Sides	3/32"	3/32 x 2 W x 2-1/2 L	3/64"	3/64 x 1 W x 1-1/4 L	3/64"	3/64 x 1/2 W X 5/8 L
2	10	Side frames	3/64"	3/64 x 1/4 W x 2 L	1/32"	1/32 x 1/8 W X 1 L	1/64"	1/64 x 1/16 W x 1/2 L
3	1	Back	3/32"	1/16 x 3-1/2 W x 2-1/4 L	1/16"	1/16 x 1-3/4 W x 1-1/8 L	3/64"	1/32 x 7/8 W x 9/16 L
4	2	Drawer Supports	1/16"	1/16 x 1-29/32 x 1-5/16 L	1/32"	3/64 x 15/16 W x 5/8 L	1/32"	1/32 x 15/32 W x 5/16 L
5	1	Long drawer support	1/16"	1/16 x 1-29/32 W x 2-7/64 L	1/32"	3/64 x 15/16 W X 1-1/16	1/32"	1/32 x 15/32 W x 1/2 L
6	1	Mid Support Wall	3/32"	3/32 x 1-15/16 (59/64) W x 2-1/2 L	3/64"	3/64 x 15/16 W X 1-1/4 L	3/64"	3/64 x 7/16 W x 5/8 L
7	1	Top	3/32"	3/32 x 2-3/16 W x 4-1/8 L	1/16"	1/16 x 1-1/4 W x 2-3/32 L	3/64"	3/64 x 5/8 W x 1-1/16 L
8	1	Foot of drawer section	1/16"	1/16 x 1/4" W x 1-9/16" L	3/64"	3/64 x 1/8 W X 3/4 L	1/32"	1/32 x 1/16 W x 27/64 L
9	1	Foot Rest	1/16"	1/16 x 1/2 W X 2-1/8 (7/64)L	3/64"	3/64 x 1/4 W X 1-1/16 L	1/32"	1/32 x 1/8 W x 1/2 L
10	2	Bottom drawer support spacers	1/8	1/8 x 1/4 x 1-1/2	3/32"	3/32 x 1/8 W x 3/4 L	1/16"	1/16 x 1/16 W x 3/8 L
11	2	Sm & Long drawer support spacers	1/8	3/16 x 9/16 x 1-1/2	1/8"	1/8 x 9/32 x 3/4	3/32"	3/32 x 5/32 W x 3/8 L
<b>DRAWERS</b>								
12	2	Sm drawer Sides	1/16"	1/16 x 1/2 W x 1-13/16 L	3/64"	3/64 x 1/4 W X 15/16 L	1/32"	1/32 x 3/32 W X 7/16 L
13	1	Sm drawer Back	1/16"	1/16 x 1/2 W x 1-1/8 L	3/64"	3/64 x 1/4 W X 9/16 L	1/32"	1/32 x 3/32 W X 5/16 L
14	1	Sm Drawer Bottom	1/16"	1/16 x 1-1/8 W x 1-3/4 L	3/64"	3/64 x 15/32 W X 7/8 L	1/32"	1/32 x 13/32 W X 5/16 L
15	1	Sm drawer front	1/16"	1/16 x 5/8 W x 1-7/16 L	3/64"	3/64 x 5/16 W X 11/16 L	1/32"	1/32 x 3/16 W X 11/32 L
16	2	Deep drawer sides	1/16"	1/16 x 1-1/2 W x 1-13/16 L	3/64"	3/64 x 25/32 W X 15/16 L	1/32"	1/32 x 11/32 W X 7/16 L
17	1	Deep drawer back	1/16"	1/16 x 1-1/2 W x 1-1/8 L	3/64"	3/64 x 25/32 W X 15/32 L	1/32"	1/32 x 11/32 W X 5/16 L
18	1	Deep drawer bottom	1/16"	1/16 x 1-1/8 W x 1-3/4 L	3/64"	3/64 x 15/32 W X 7/8 L	1/32"	1/32 x 13/32 W X 5/16 L
19	1	Deep drawer front	1/16"	1/16 x 1-19/32" W x 1-7/16" L	3/64"	3/64 x 25/32 W X 11/16 L	1/32"	1/32 x 25/64 W X 11/32 L
20	2	Long drawer sides	1/16"	1/16 x 1/2 W x 1-13/16 L	3/64"	3/64 x 1/4 W X 15/16 L	1/32"	1/32 x 3/32 x 7/16 L
21	1	Long drawer back	1/16"	1/16 x 1/2 W x 2-1/16 L	3/64"	3/64 x 1/4 W x 15/16 L	1/32"	1/32 x 3/32 x 3/8 L
22	1	Long drawer Bottom	1/16"	1/16 x 1-15/16 W x 1-3/4 L	3/64"	3/64 x 15/16 W X 7/8 L	1/32"	1/32 x 13/32 x 3/8 L
23	1	Long drawer front	1/16"	1/16 x 5/8 W x 2-1/4 L	3/64"	3/64 x 5/16 W X 1-7/64 L	1/32"	1/32 x 3/16 x 35/64 L
<b>HUTCH</b>								
24	2	Sides	1/16"	1/16 x 1 W x 1-1/8 L	1/32"	1/32 x 1/2 W X 9/16 L	1/32"	1/32 x 1/4 W x 8/32 L
25	1	Top support	1/16"	1/16 x 1-1/16 W x 3-7/8 L	1/32"	1/32 x 9/16 W X 1-15/16 L	1/32"	1/32 x 9/32 W x 1-1/6 L
26	1	Back	1/16"	1/16 x 3-3/4 x 1-1/8	1/16"	1/16 x 1-7/8 W X 9/16 L	1/32"	1/32 x 15/16 W x 9/32 L
27	2	Inside Cubby Walls	1/16"	1/16 x 15/16 W x 1-1/8 L	1/32"	1/32 x 7/16 W X 9/16 L	1/64"	1/32 x 13/64 W X 9/32 L
28	2	Cubby Vertical Dividers	1/16"	1/16 x 29/32 W x 1-1/16 L	1/32"	1/32 x 7/16 W X 17/32 L	1/64"	1/64 x 13/64 W X 17/64 L
29	1	Top	3/32"	3/32 x 1-1/8 x 4 L	1/16"	1/16 x 9/16 W X 2 L	3/64"	3/64 x 5/16 W x 1-3/32 L
30	3	Cubby Low & Mid shelves	1/16"	1/16 x 29/32 W X 7/8 L	1/32"	1/32 x 7/16 W X 1/2 L	1/64"	1/64 x 7/32 W X 3/16 L
31	1	Cubby Mid shelf spacer	1/8"	1/8 x 1/2 W x 3/4 L	1/8"	1/8 x 1/4 x 1/2	3/32"	3/32 x 3/32 W x 1/2 L
32	1	Vertical divider spacer	1/4"	1/4 x 1/2 W x 3/4 L	1/8"	1/8 x 1/4 x 1/2	3/64"	3/64 x 1/4 W x 1/2 L
<b>CHAIR</b>								
C1	4	Verticals	3/32"	3/32 x 3/16 x 1-7/8 L	1/16"	1/16 x 1/8 x 15/16" L	1/32"	1/32 x 1/16 x 15/32
C2	2	Arm Rest Horizontals	3/32"	3/32 x 3/16 x 1-5/8 L	1/16"	1/16 x 1/8 x 13/16 L	1/32"	1/32 x 1/16x 13/32
C3	4	Side Braces	3/32"	3/32 x 3/16 x 1-1/4 L	1/16"	1/16 x 1/8 x 5/8 L	1/32"	1/32 x 1/16 x 5/16
C4	3	Front & Seat braces	3/32"	3/32 x 3/16 x 1-3/8 L	1/16"	1/16 x 3/32 x 11/16 L	1/32"	1/32 x 3/64 x 11/32
C5	1	Seat	1/16"	1/16 x 1-3/8 x 1-1/4 L	3/64"	3/64 x 11/16 x 5/8 L	1/32"	1/32 x 11/32 x 5/16
C6	1	Back	1/16"	1/16 x 1-3/8 x 1-3/8 L	3/64"	3/64 x 11/16 x 11/16 L	1/32"	1/32 x 11/32 x 11/32
C7	1	Seat Cushion	1/4"	1/4 x 1-3/8 x 1-1/4 L	1/8"	1/8 x 11/16 x 5/8 L	1/16"	1/16 x 11/32 x 5/16
C8	1	Back Cushion	1/4"	1/4 x 1-3/8 x 1-3/8 L	1/8"	1/8 x 11/16 x 11/16 L	1/16"	1/16 x 11/32 x 11/32
C9	2	Arm to Seat Spacers	1/4"	1/8 x 1/4 W x 7/16 L	3/32"	3/32 x 7/32 W x 1/2 L	3/32"	3/32 x 7/64 W x 1/4



# 2018 NAME Day

## 1/4" scale • Desk & Chair Parts

### 1/4" DESK PARTS



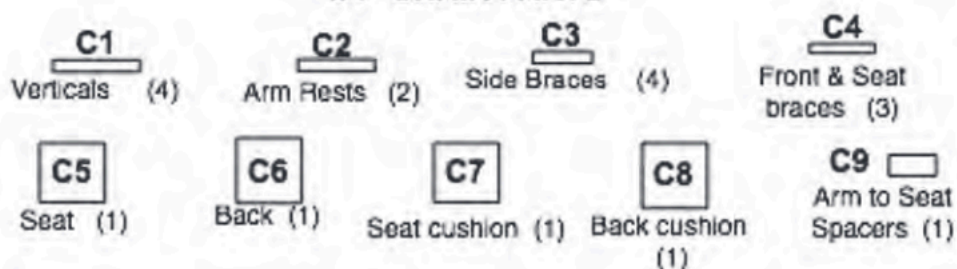
### 1/4" HUTCH PARTS



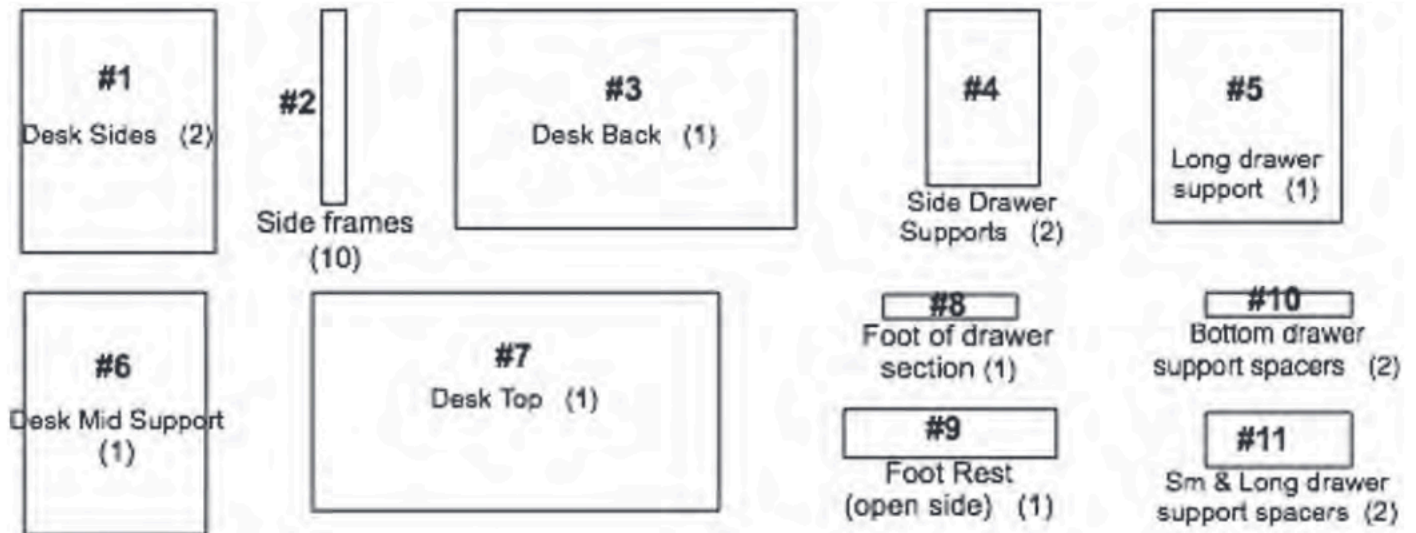
### 1/4" DRAWER PARTS



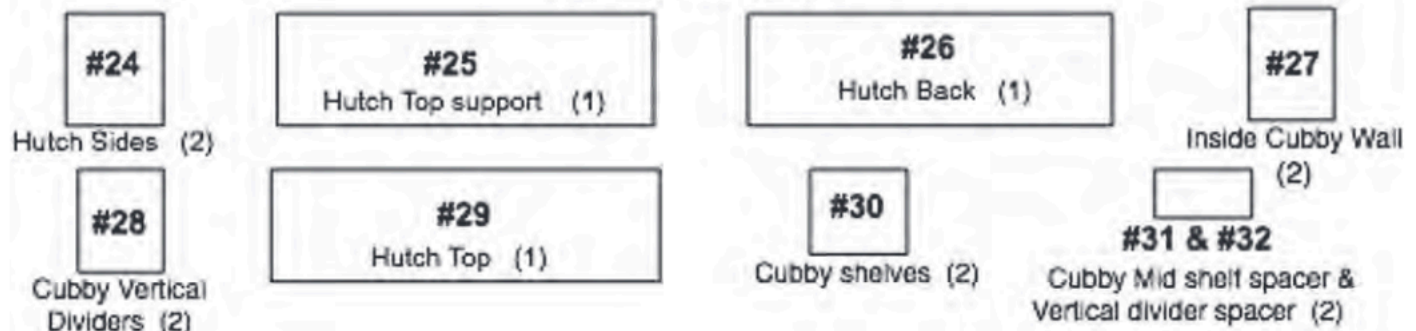
### 1/4" CHAIR PARTS



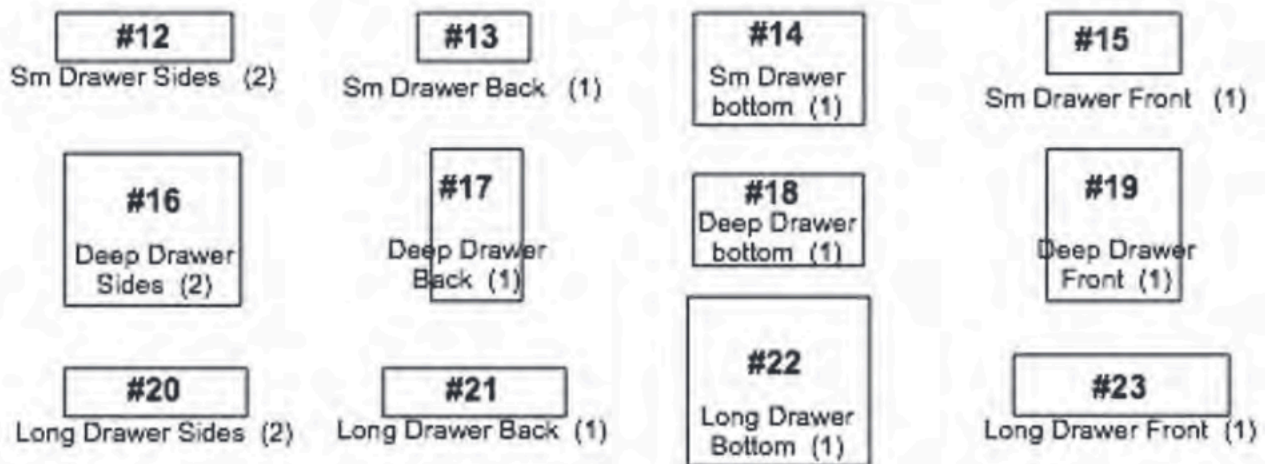
# 2018 NAME Day • 1/2" scale • Desk & Chair Parts



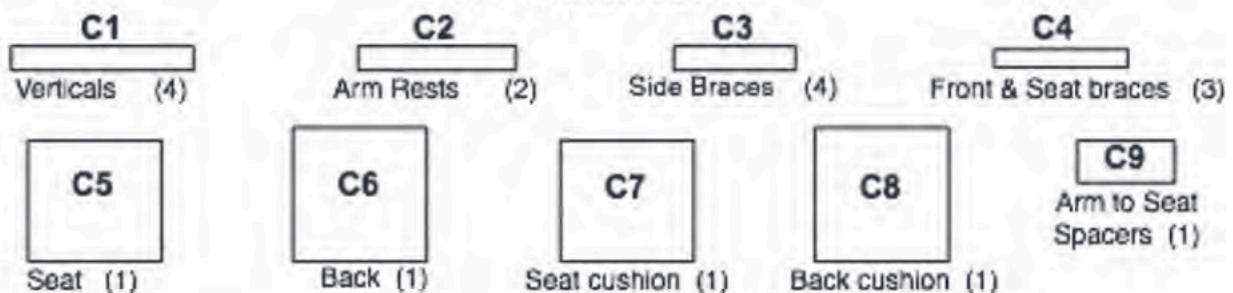
## 1/2" HUTCH PARTS



## 1/2" DRAWER PARTS



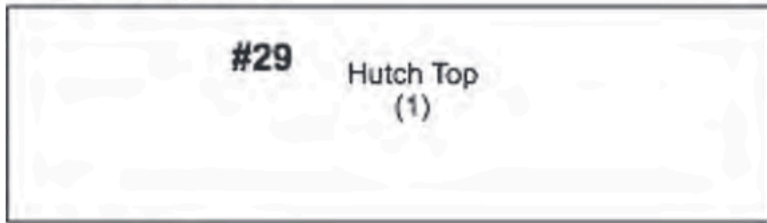
## 1/2" CHAIR PARTS



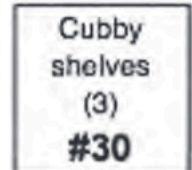
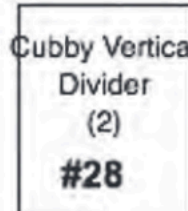
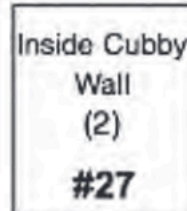
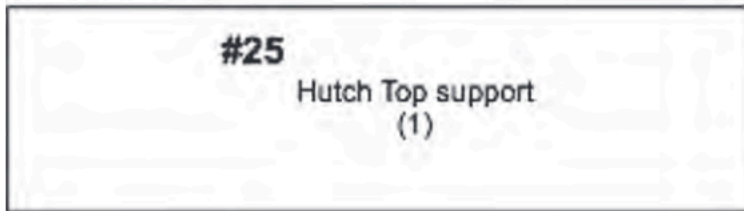
# 2018 NAME Day • 1" scale • Desk & Chair Parts

## 1" HUTCH PARTS

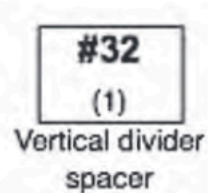
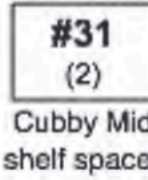
### 3/32" Thicknesses



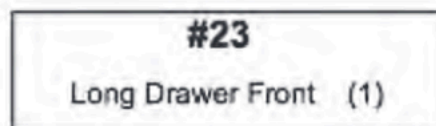
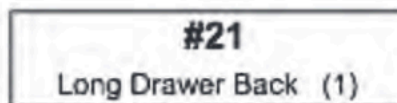
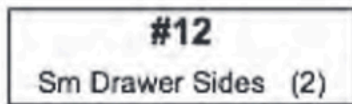
### 1/16" Thicknesses



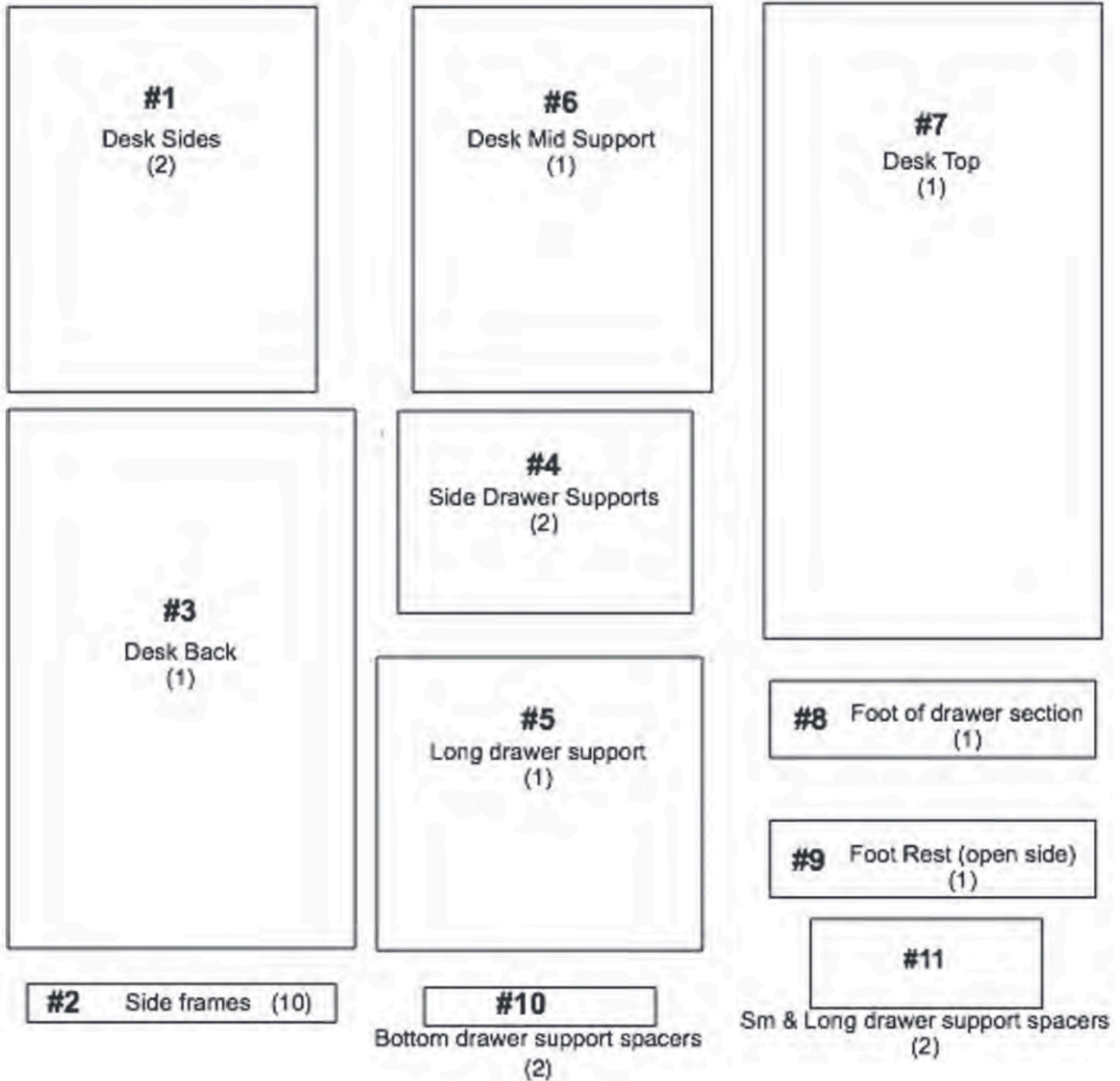
### 1/8 & 5/32" Thicknesses



## 1" DRAWER PARTS



# 2018 NAME Day • 1" scale • Desk & Chair Parts



## 1" CHAIR PARTS

