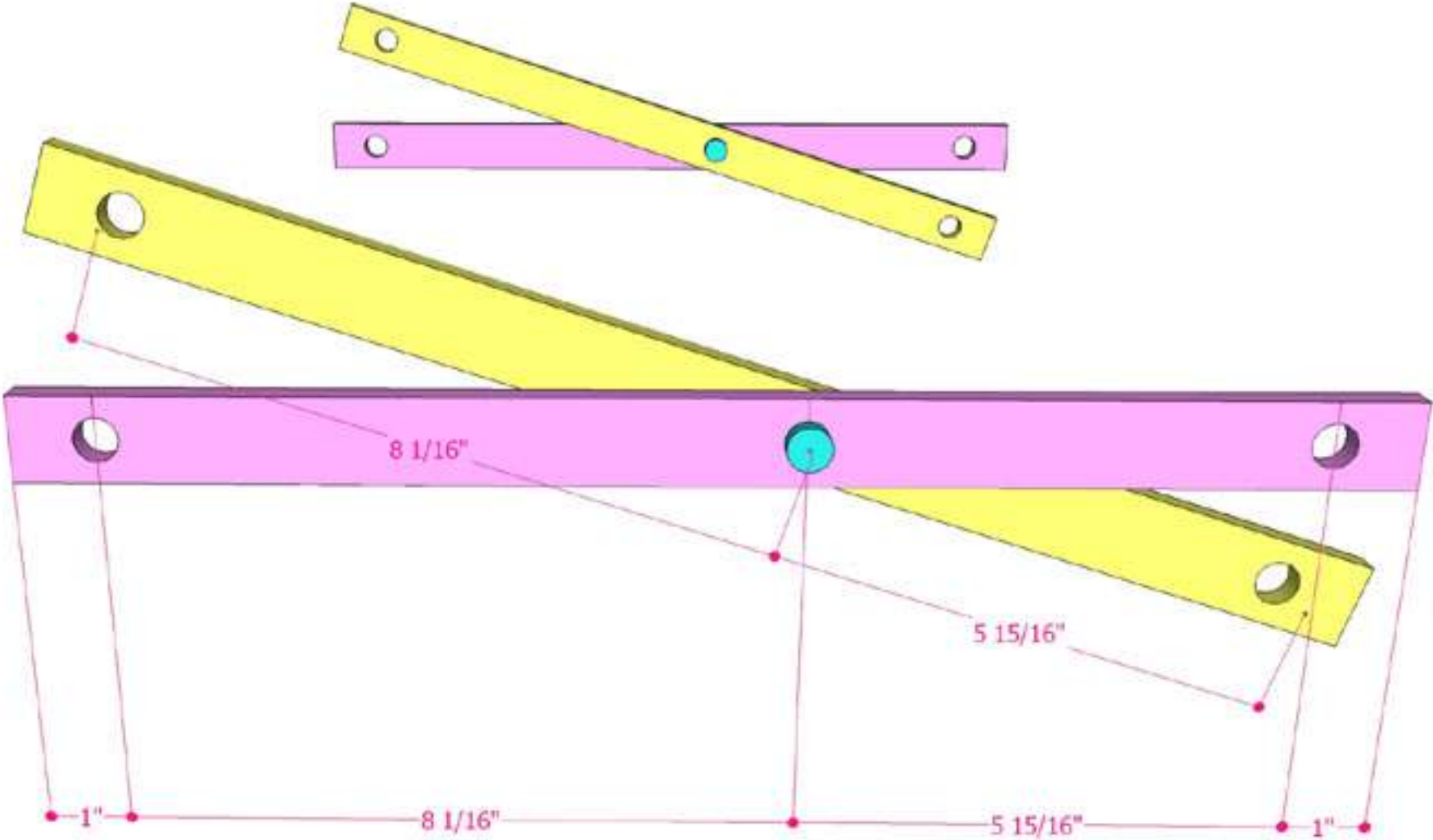




Please follow important basic safety practices while building. Always wear eye goggles, work on a clean sturdy and flat surface, properly clamp things, and learn to use each tool properly.



Cut plywood into (48) strips of 16" long by 1" wide.

Mark center of three 3/8" holes on each plywood strip as shown in diagram on page 2. It is VERY important to be as accurate as possible in this step. The dowels will fit tightly into the holes. This will hold the plywood strips in place, while allowing them to rotate easily.

Cut (12) 3/8" x 48" long dowels in half into 24" long pieces. Cut (1) 3/8" x 48" long dowel into (12) 1.5" sections. Sand all the cut pieces.

Assemble (2) plywood strips with (1) 1.5" long dowel through the middle holes.

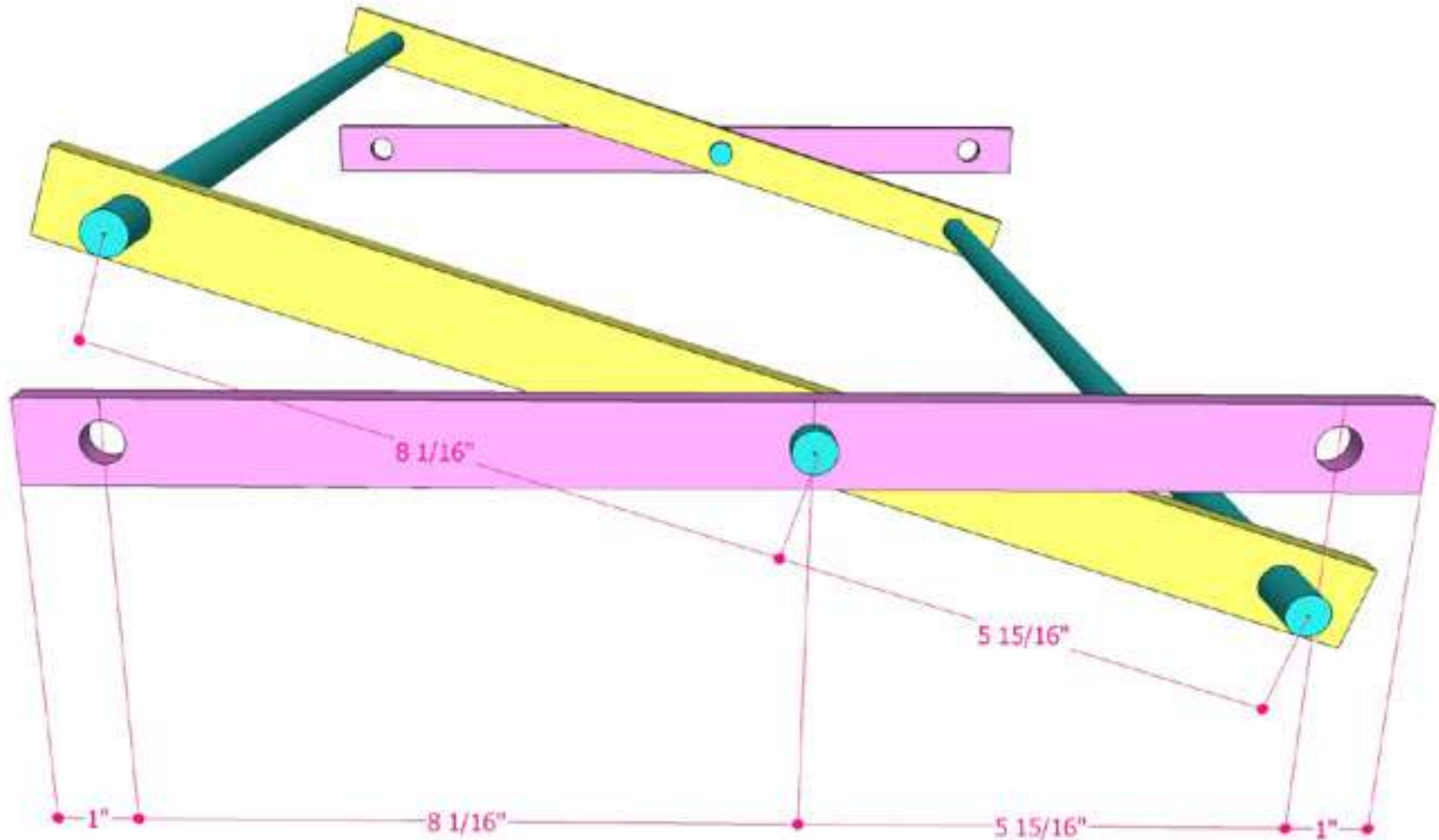
This will be our basic Module A. You will end up with (24) Module A

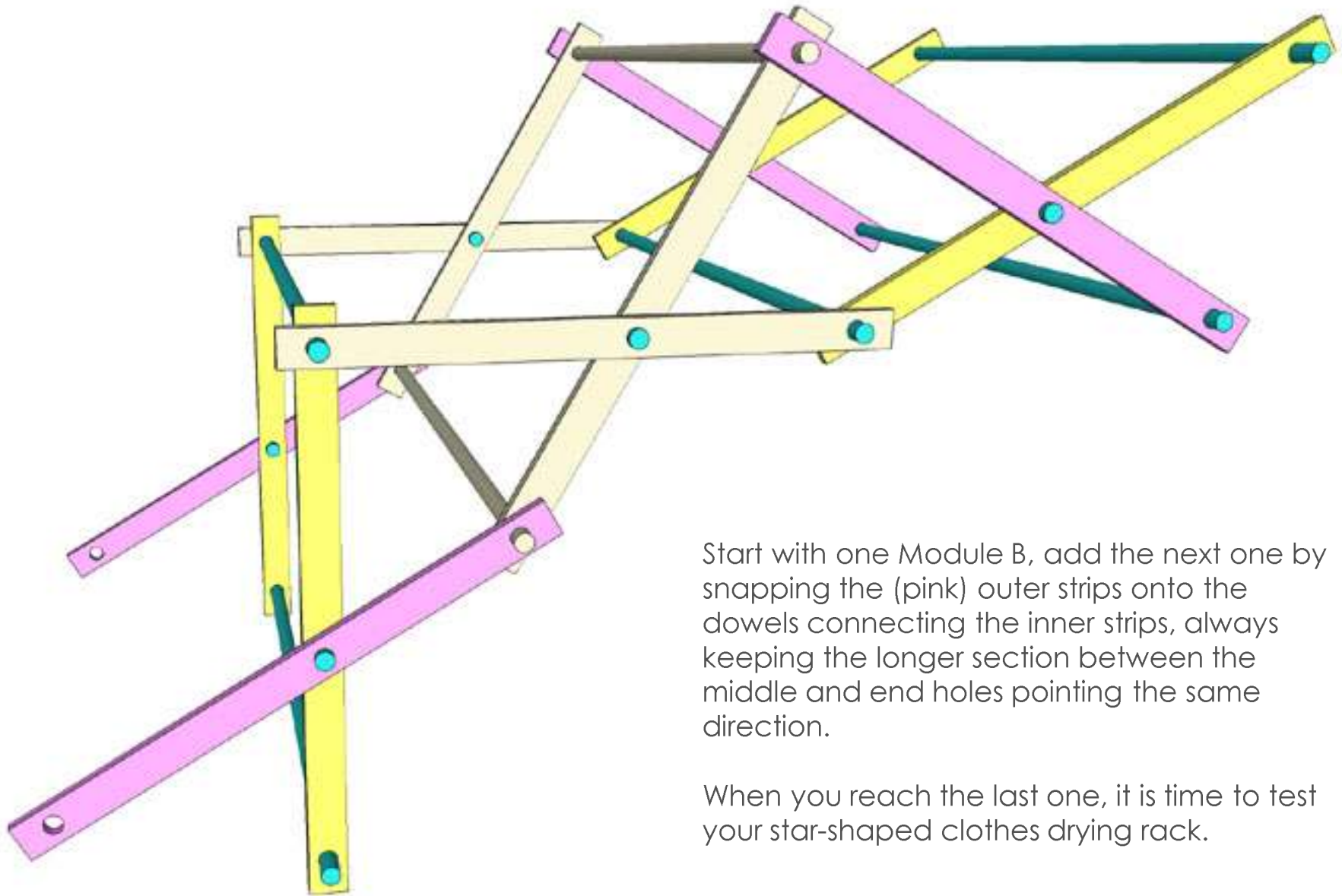


Take (2) modules, mirror them as shown in diagram: yellow strips inside, pink strips outside. IMPORTANT: rotate the outside strip so the longer section between the middle and end holes are all pointing the same direction.

Connect the inside strips with (2) 12" long dowels, through corresponding holes.

Make (12) of these. We will name them Module B.

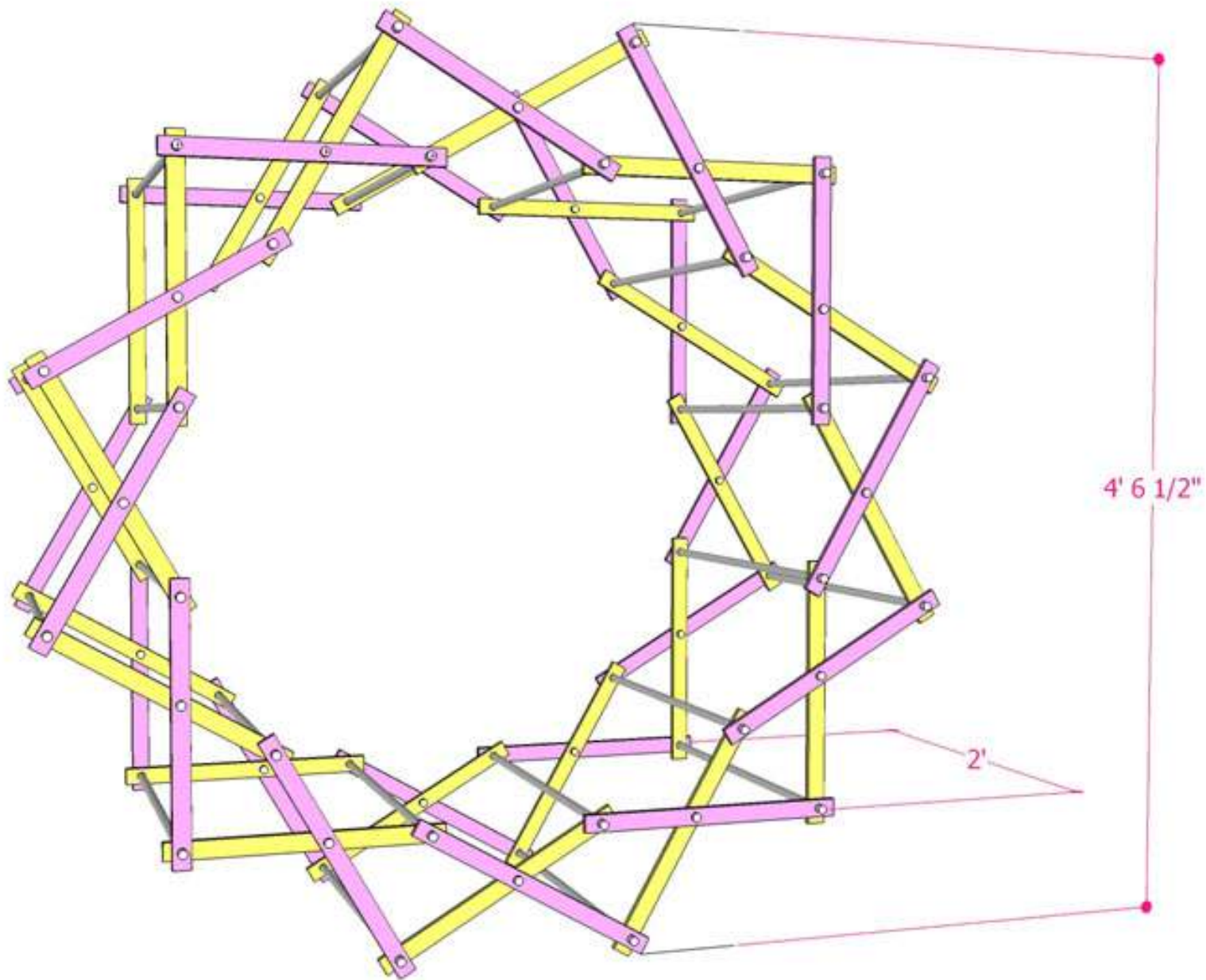




Start with one Module B, add the next one by snapping the (pink) outer strips onto the dowels connecting the inner strips, always keeping the longer section between the middle and end holes pointing the same direction.

When you reach the last one, it is time to test your star-shaped clothes drying rack.

Snap the last outer strips onto the corresponding dowels to hold the star in place.
Pop them off to collapse the structure.



Important tips, variations and improvements:

1. Take the time and be as accurate as possible in each step, especially the distance between the 3 holes on each plywood strip. The centers should be lined up along a straight line.
2. We did not find it necessary to add stops to the end of the dowels. If you want to add them, there are many ways such as attaching larger discs out of plywood, or even buttons to the ends.
3. Without the stops, sometimes your plywood strips may come loose from the dowels. Just slide them back on.
4. Cut extra plywood strips in case you need to re-drill a few pieces to make everything fit better.
5. Our rack is quite sturdy and strong. If you plan to hang a lot of super heavy items such as a thick quilt that weighs 20 pounds when wet, spread the piece over a few dowels, or check out tips #7 below.
6. To make an ultra heavy-duty one, use $\frac{1}{2}$ " thick plywood, and $\frac{1}{2}$ " or larger diameter dowels. Just remember to cut the plywood strips wider to allow the dowels to go through. The other measurements stay the same.
7. To make a smaller one at about 3'3" tall, cut plywood strips to 12" long, the distance between the centers of three holes are 5.75" and 4.25" apart.

Happy and safe building!

