

Amazing Free-Standing PVC Sukkah-

<http://www.instructables.com/id/Sukkah-PVC-Freestanding/>

Step One:

Decide how big you want your sukkah to be. Length x Width x Depth

- Take desired length measurement and subtract 2 feet for **Length A**
- Take desired width measurement and subtract 2 feet for **Length B**
- Decide on desired height. This is **Length C**

Step Two:

Get your materials at a home supply store, recycling center or other source. All the PVC pipe and connectors are 1.5 inches diameter. You will need:

- 4 (pieces of 1.5 inch pipe of **Length A**)
- 4 (pieces of 1.5 inch pipe of **Length B**)
- 8 (pieces of 1.5 inch pipe of **Length C**)
- 16 (pieces of 1.5 inch pipe that are **1 foot long**)
- 8 (1.5 inch PVC connectors **90-degree elbows**)
- 16 (1.5 inch PVA connectors **T-shaped**)
- 1 tube of super glue or a stronger colorless glue if you prefer
- 1 saw OR pipe cutter (a miter box or clamp is helpful to use with the saw)
- 1 rubber mallet to tap the pipes and connectors together

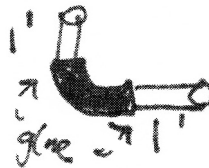
Step Three:

Glue **T-shaped connectors** on both ends of all your **Length A** and **Length B** pieces. Make sure that the T's line up.



Step Four:

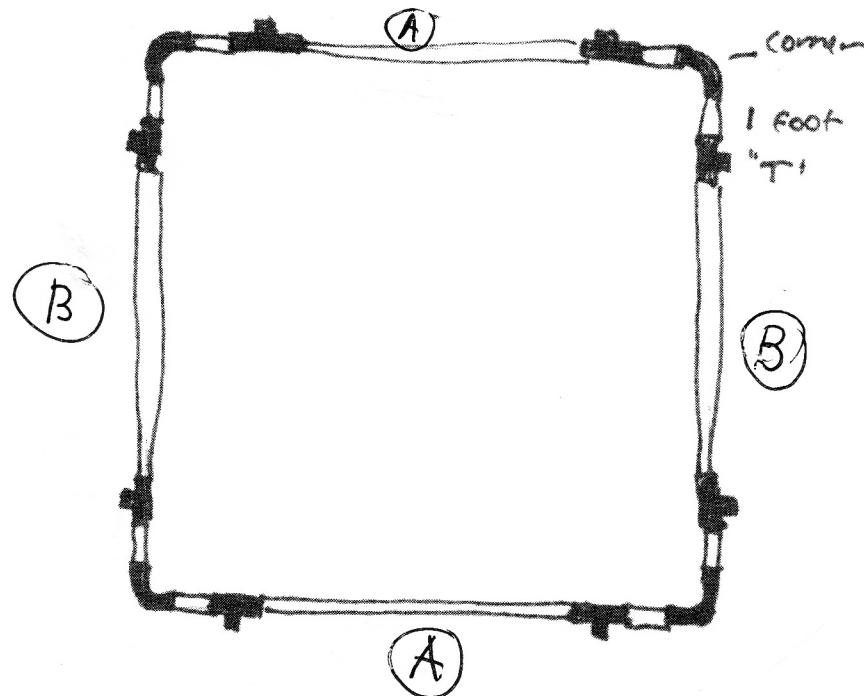
Glue **1 foot pieces** onto either end of the **90-degree elbow connectors** (Glue the rough, sawed off edge so it looks neater)



That is it for the prep and the gluing!

Step Five:

Assemble the base according to this diagram. Make sure all T's face upwards.



Step 6:

Repeat base assembly identically for roof assembly.

Step 7:

Place **Length C** pipes upright in all the upturned T's of the base, spanning them upwards to the roof assembly. There are two **Length C** pipes at each corner. You will need two people to do this part.

Step 8:

Gently tap all connections with your rubber mallet to make sure they are secure.

VOILA! Your sukkah frame is built!

Step 9:

Decorate your sukkah with fabric all around. Lay boughs of *schach* across the top.

Note: If you have shorter lengths of PVC Pipe, you can join them with 1.5-inch couplers... but they may not be as strong as one solid piece. Use good glue.

Take down your Sukkah and store it. Use it for many years!

Please post a picture of your finished product:

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