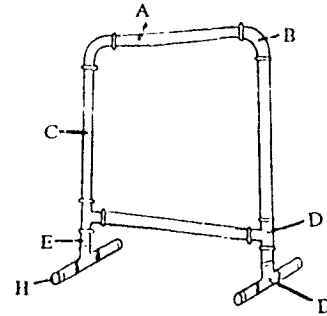


U. S. Academic Triathlon Backdrop Holder Construction Plans

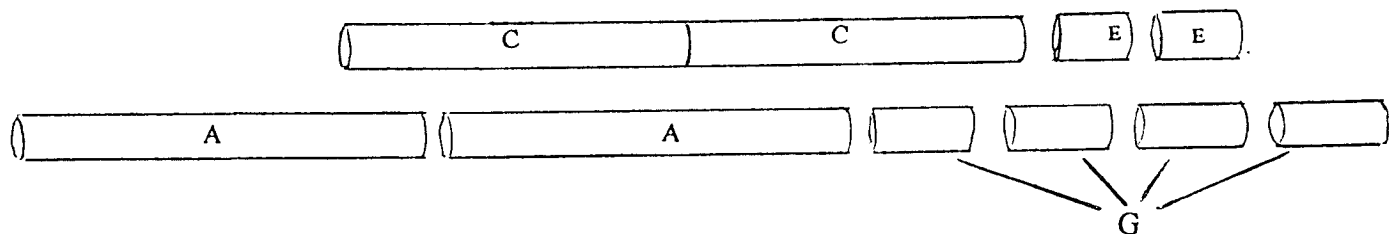
Materials you'll need:

- 1 (10-ft.) length of 1 1/2-inch PVC pipe
- 1 (12-ft.) length of 1 1/2-inch PVC pipe
- 2 90-degree elbows
- 4 T-type joints
- 4 end caps
- 1 can PVC joint compound (glue)



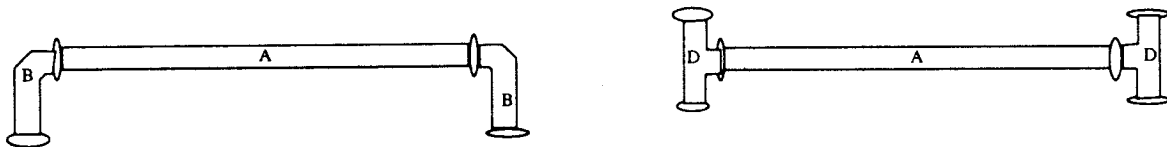
What to do:

1. Cut the 10-foot length of pipe into two 4 1/2-foot lengths ["C"]; and 2 6-inch pieces ["E"]. Cut the 12-foot pipe into two 4-foot lengths ["A"], and four 1-foot lengths ["G"] (fig. 1).



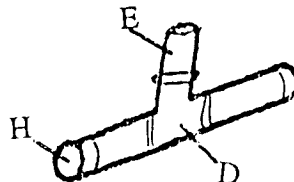
[Figure 1]

2. Glue the 90-degree elbows ["B"] to either end of a 4-foot length. (The uprights will not be glued to anything.) Glue two of the T-type joints ["D"] to either end of the other 4-foot length ["A"] [Figure 2].



[Figure 2]

3. Make the bases by gluing 1-foot pieces ["G"] into each end of the two T-type ["D"] joints. Glue caps ["H"] on the ends of the one-foot extensions. Glue a 6-inch pipe ["E"] into the middle hole of the T [figure 3]. (This piece will be the linking extension which will slip into the lower end of the upright.)



[Figure 3]

NOTE: To add stability during performances, use duct tape or strapping tape to reinforce the joints that have not been glued.