

DIY AGILITY JUMPS (MAKES THREE JUMPS)

TOTAL COST OF MATERIALS: ~ \$66 (USING 12 JUMP CUPS AND 6 4-WAYS SPECIALLY ORDERED)

MATERIALS:

- 7 - 1"x10' Schedule 40 PVC pipes
- 18 - 1" PVC end caps
- 6 - 1" PVC 4-way connector (must be specially ordered online as this is not a standard fitting)
- 12 - 1" PVC jump cups, or 6 snap-on jump cup strips (must be specially ordered from eBay or an agility site)
- Hacksaw/saw/PVC cutter
- Paint or colored tapes
- Possibly a pliers-like cutter for trimming the edges of cuts if they aren't clean

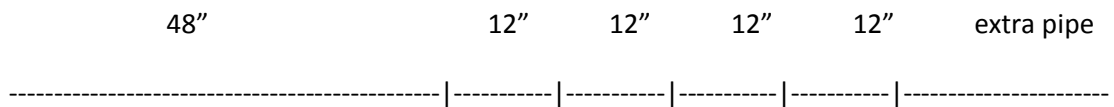
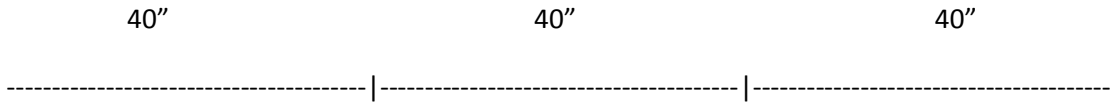
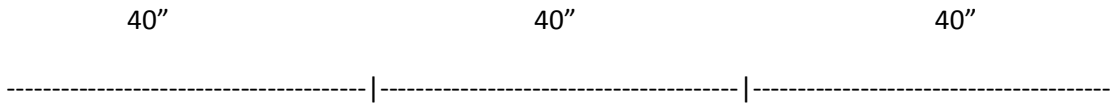
SUPPLIES:

Use Schedule 40 PVC. There is a cheaper option, but Schedule 40 is more solid and won't crack or break. PVC comes in 10 foot pipes and they are usually about \$4 each. You will need 7 10' cuts from any place like Lowe's or Home Depot. You can also get the end caps at Lowe's or Home Depot. An end cap advertised as 1" means it fits over a 1" PVC pipe, so since you are using 1" PVC you need 1" end caps (though they will be slightly larger than 1"). The 4-way connectors are not a standard fitting and are really only used by agility people and people who build outdoor structures. You can usually get them from websites that sell PVC fittings (Google 'PVC 4 way'), or you can get them from www.cleanrun.com. You will also need to specially order your jump cups or strips. Jump cups are the attachments that clip to the poles and allow bars to be rested on them. You can get single cups or strips that contain one cup per jump height. Strips or cups can be purchased from Clean Run or other agility stores. I just use 4 cups per jump so I can set the top bar to whatever height I want the dog to jump and set another bar a few inches below for added visibility for the dog. The 4-ways and cups/strips should also be 1" (meant to fit on 1" PVC). You NEVER want any of your bars set in fittings because if the dog trips or catches a bar, it MUST easily fall or the dog will be injured. The base bar that will go on the ground is the only bar that can be set in a fitting to hold the jump together. Since it is on the ground, the dog won't trip on it. To cut the PVC you can use a hacksaw or pretty much any saw. I cut mine with a hacksaw halfway through and then twisted it until it broke. The ends don't need to be clean since everything goes into a fitting joint or end cap, but you may need one of those pliers that cut or something to file if you don't cut or twist clean (it might not fit into the end cap or joint). You will also want some spray paint or colored tapes for marking the jump bars. I also spray painted my end caps so I could see the tops of the jump poles and the legs on the ground.

PROCEDURE:

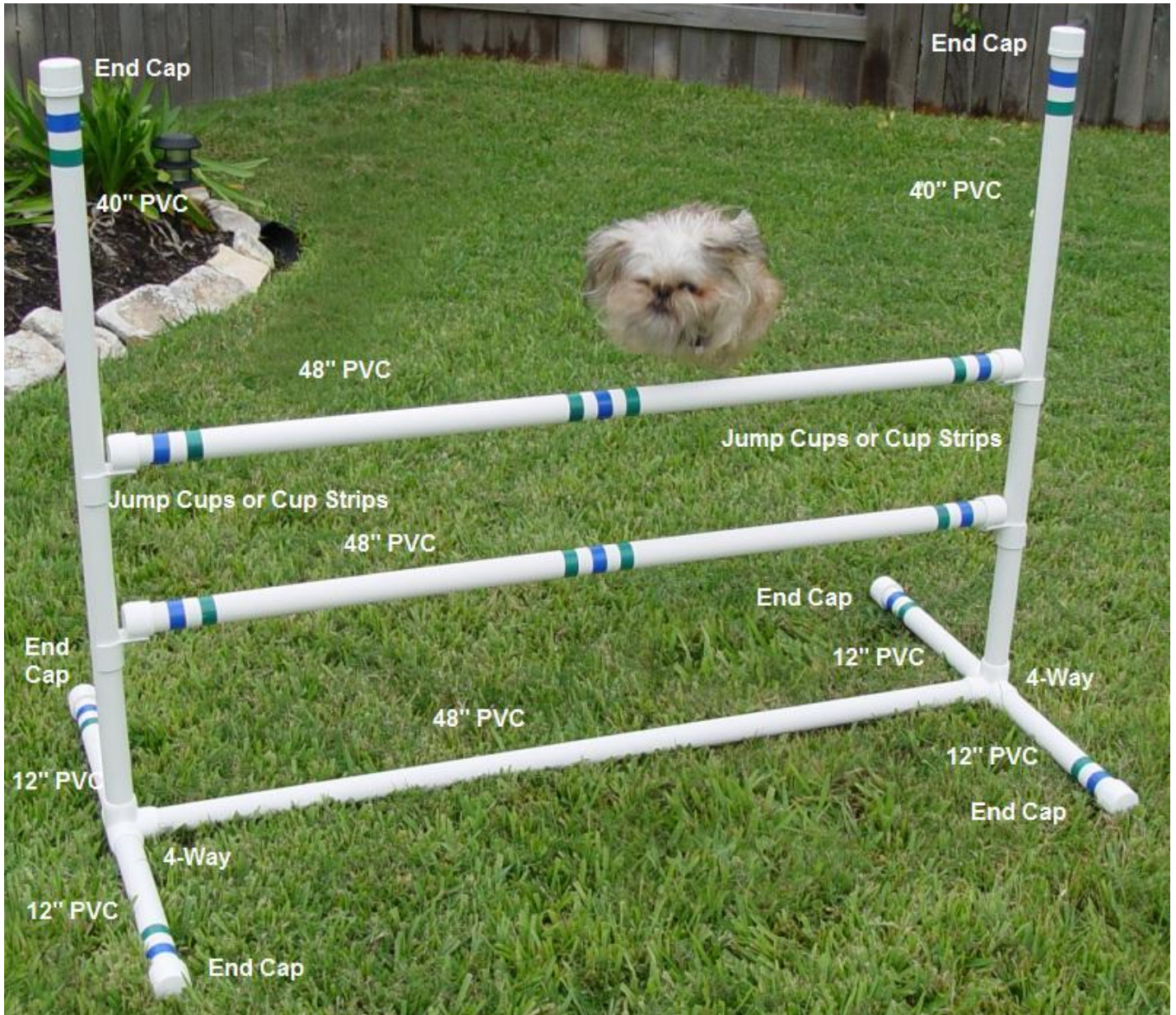
Once you have these supplies, start by peeling off any stickers from the PVC and wiping the pipes clean with a damp cloth. The following page is a diagram of your 7 pipes and where you need to make the cuts. It's not important that the cuts be absolutely exact except for the 48" cuts because those are the jump bars and need to sit correctly on the cups. If your 10' pipes aren't exactly 10', it's OK if your 40" cuts (the jump poles) or 12" cuts (the jump legs) are a little too short or too long. Make sure all your jump bar cuts are pretty exact and match each others' length, if not exactly 48". Once you make the cuts, all you have to do is do your taping or painting and assemble your jumps! I wouldn't glue them together in case they ever need to be broken down for storage or transportation.

Each of these lines represents one 10' PVC pipe. The vertical lines are where you need to cut.



FINISHED PRODUCT:

This is how you put your jumps together. (*Note: in this pic they also put end caps on the ends of the jump bars, but this plan does not do that. If you want to do that, you need to purchase 4 additional 1" end caps and cut 4 of your 40" pieces a little shorter. I recommend not using those end caps on the jump bars. They are not necessary and I have not seen competition jumps constructed that way.)



ENJOY!!