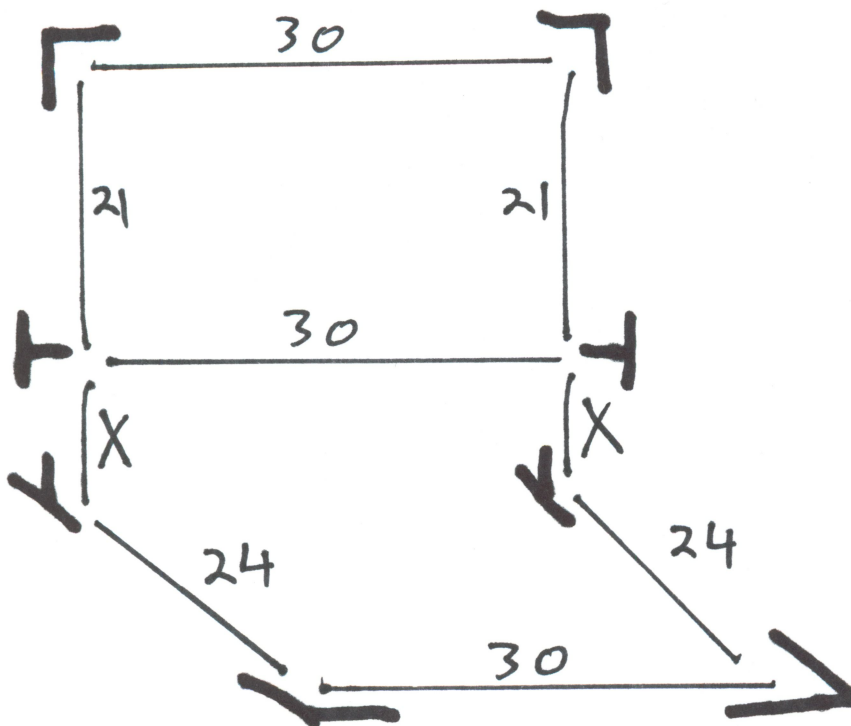


Hurdles - 1/2" PVC Pipe & Fittings

Plans for a set of 6 hurdles with height adjustable piece (for 33" hurdle)



X = Adjustable Height

6" = 30" Hurdle (Girls)

9" = 33" Hurdle (B&G)

12" = 36" Hurdle (Boys)

15" = 39" Hurdle (Boys)

The different heights for the different events are on the back.

Pipe pieces for each hurdle:

3 x 30"

2 x 24"

2 x 21"

2 x X"

Fittings for each hurdle:

4 x L's

4 x T's

*For 6 Hurdles, use 24 of each fitting and 10 pieces of 10' 1/2" PVC pipe, following the cut plan below to give 33" hurdles. The short X piece can be changed to vary the height of the hurdle. Color-coding this piece with paint or tape can be helpful if you are making multiple sets for different sizes.

*Different cut arrangements/more pipe will have to be used to allow for other sizes.

*Use a pipe cutter, rather than a saw, to conserve the length in order to get the most of each 10' pipe.

*Cement all joints **EXCEPT** the X piece ones, to leave them free for adjustment. Be sure to orient the fittings correctly – Hint: First, dry-fit all pieces and make a short Sharpie mark from fitting to pipe.

- 1) 30" | 30" | 30" | 30" .
- 2) 30" | 30" | 30" | 30" .
- 3) 30" | 30" | 30" | 30" .
- 4) 30" | 30" | 30" | 21" | 9" .
- 5) 30" | 30" | 30" | 9" | 9" | 9" | .
- 6) 24" | 24" | 24" | 24" | 24" .
- 7) 24" | 24" | 24" | 24" | 24" .
- 8) 21" | 21" | 21" | 21" | 24" | 9" | .
- 9) 21" | 21" | 21" | 21" | 21" | 9" | .
- 10) 24" | 21" | 21" | 9" | 9" | 9" | 9" | 9" | 9" | .

Hurdle heights for each hurdle race

What is the hurdle height for the 100m/55m hurdles?

Junior High Girls 100m/55m hurdle height: 30 Inches

High School Girls 100m/55m hurdle height: 33 Inches

What is the hurdle height for the 110m/55m hurdles?

Junior High Boys 110m/55m hurdle height: 33 Inches

High School Boys 110m/55m hurdle height: 39 Inches

What is the hurdle height for the 300m hurdles?

High School Boys 300m hurdle height: 36 Inches

High School Girls 300m hurdle height: 30 Inches

Hurdle spacing between hurdles

Junior High & High School Girls 100m(10 hurdles)/55m(5 hurdles)

hurdle spacing: 13m(42.65ft) to H1 with 8.5m(27.89ft) between and 10.5m(34.45ft)/8m(26.25ft) to the finish

Junior High & High School Boys 110m(10 hurdles)/55m(5 hurdles)

hurdle spacing: 13.72m(45ft) to H1 with 9.14m(30ft) between and 14.02m(46ft)/4.72m(15.49ft) to the finish

High School Girls & Boys 300m(8 hurdles) hurdle spacing:

45m(147.64ft) to H1 with 35m(114.83ft) between and 10m(32.81ft) to the finish