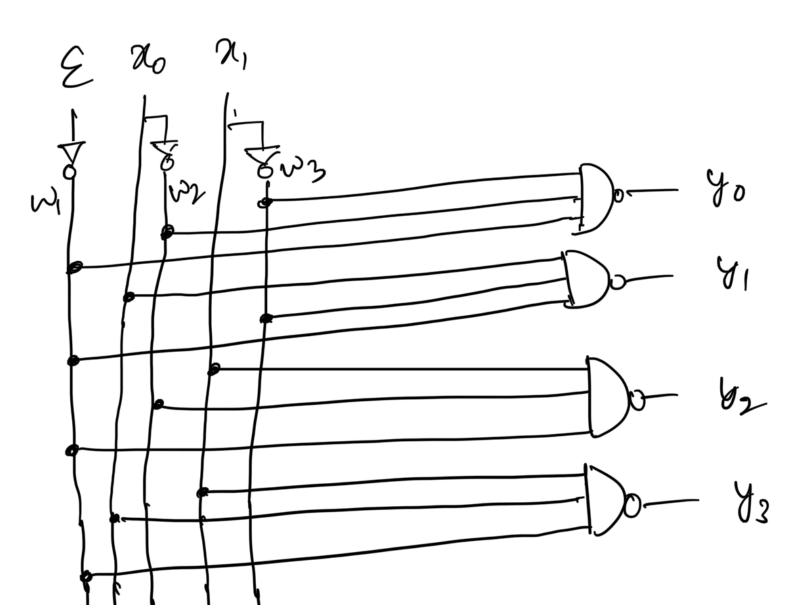
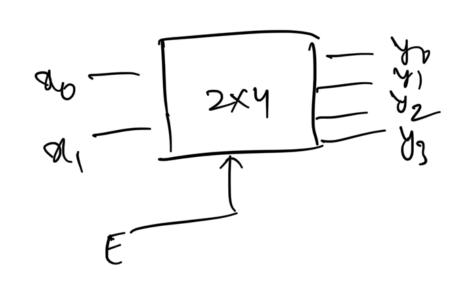
## Decoders

For decoders, if there are 'n'i/p's then there will be an olp's

Consider 2x4 decoder with negative with nega

(20, 11) (90, 11, 92,33)					
1 20 D	y3	y 2	y,	*	-
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0 1	1	1	6	1	
10	1	0	1	1 /	
. 1 1	0	1	1	1 1	_
	71 X0 XX	71 x0 Y3	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	71, 20	71, 20 Y3 Y2 Y1 Y2 ×× 1 1 1 1 0 0 0 1 1 1 0





3×8 decoder wing 2×4 decoder:

input az, x, xo output y, y6, y5, y4, y3, y2, y-7, x