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2012518642
EndGame

Truth Table & Kmap:

Date

Page

Title

2012518

	a	b	c	d	e	f	g	
2	1	1	0	1	1	0	1	0
0	1	1	1	1	1	1	0	1
1	0	1	1	0	0	0	0	2
2	1	1	0	1	1	0	1	3
5	1	0	1	1	0	1	1	4
1	0	1	1	0	0	0	0	5
8	1	1	1	1	1	1	1	6
X	x	x	x	x	x	x	x	7

③ $\begin{array}{c|cccc} AB & 00 & 01 & 11 & 10 \\ \hline c & 0 & 2 & 6 & 4 \\ 1 & 1 & 3 & 7 & 5 \end{array}$

$c = A + c'B + B'C$

④ $\begin{array}{c|cccc} AB & 00 & 01 & 11 & 10 \\ \hline a & 0 & 1 & 1 & 1 \\ 1 & 1 & 1 & x & 0 \end{array}$

$a = A'B' + Bc + Ac'$

⑤ $\begin{array}{c|cccc} AB & 00 & 01 & 11 & 10 \\ \hline b & 0 & 1 & 1 & 0 \\ 1 & 1 & 1 & x & 1 \end{array}$

$b = A' + B + C'$

⑥ $\begin{array}{c|cccc} AB & 00 & 01 & 11 & 10 \\ \hline d & 0 & 1 & 0 & 1 \\ 1 & 1 & 1 & x & 0 \end{array}$

$d = A'B' + Bc + Ac'$

⑦ $\begin{array}{c|cccc} AB & 00 & 01 & 11 & 10 \\ \hline e & 0 & 1 & 1 & 1 \\ 1 & 1 & 1 & x & 1 \end{array}$

$e = A'B' + AB + eB$

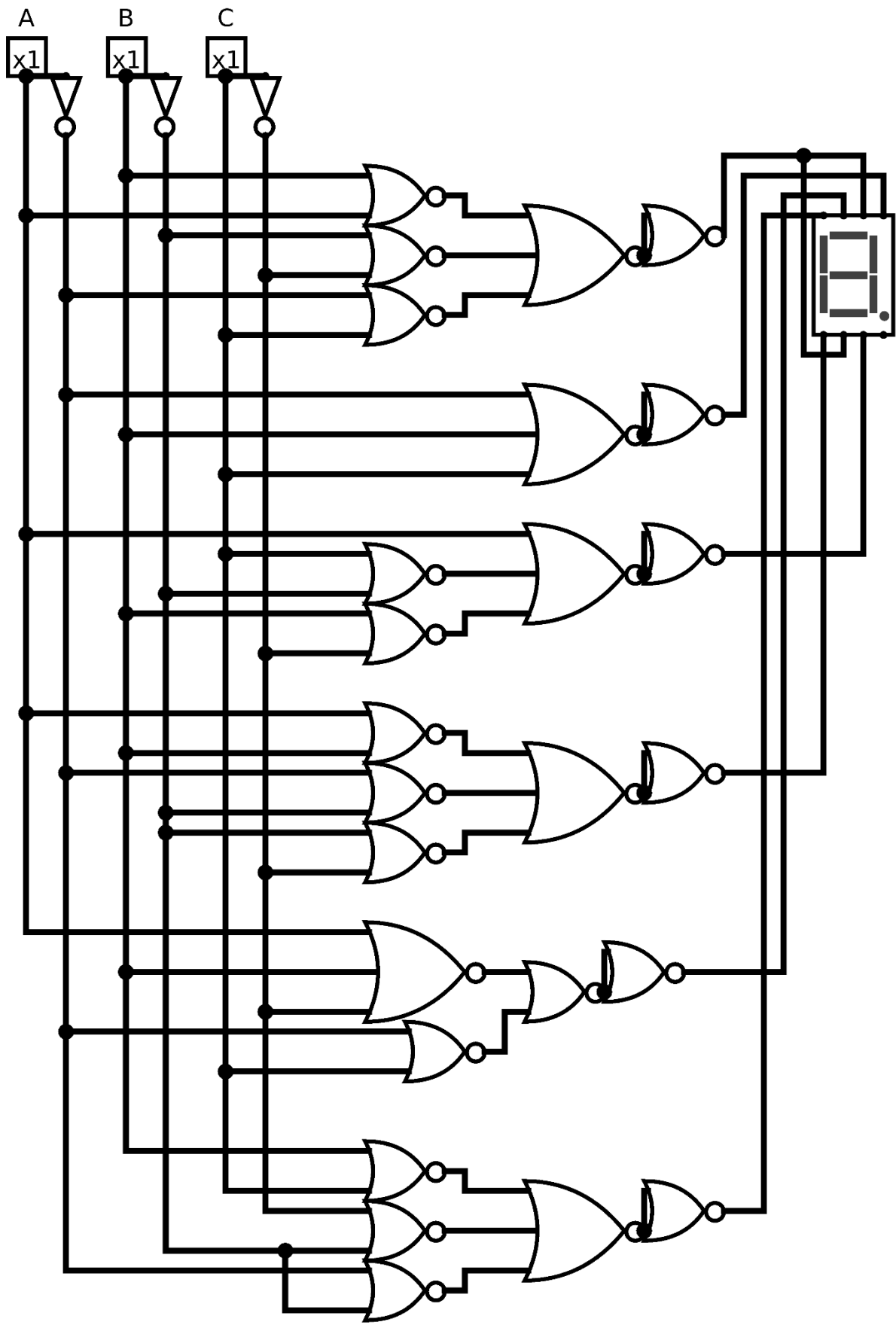
⑧ $\begin{array}{c|cccc} AB & 00 & 01 & 11 & 10 \\ \hline f & 0 & 0 & 0 & 1 \\ 1 & 1 & 1 & 0 & x & 0 \end{array}$

$f = A'B'c + Ae'$

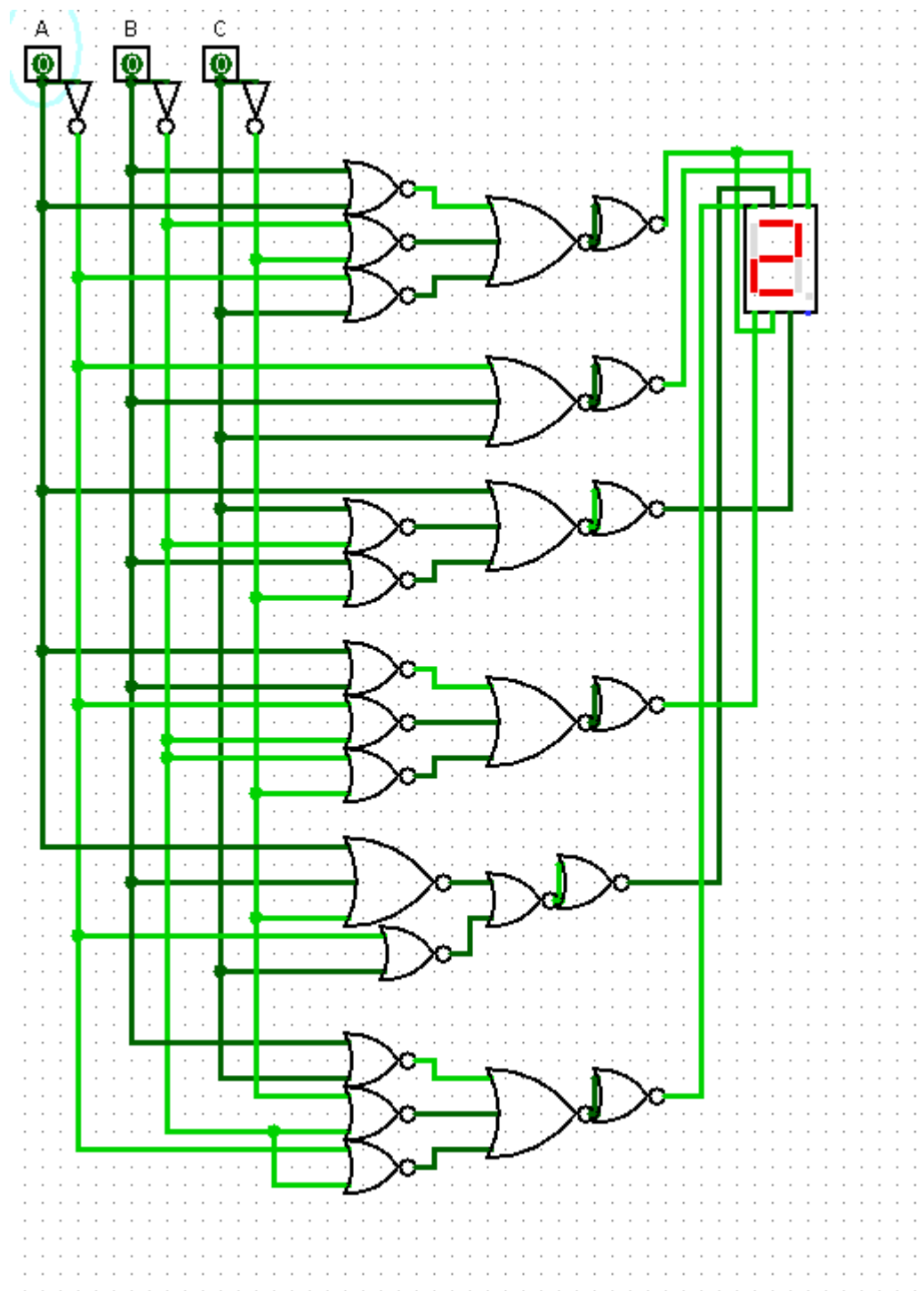
⑨ $\begin{array}{c|cccc} AB & 00 & 01 & 11 & 10 \\ \hline g & 0 & 1 & 0 & 1 \\ 1 & 1 & 0 & 1 & x & 0 \end{array}$

$g = B'e' + eB + AB$

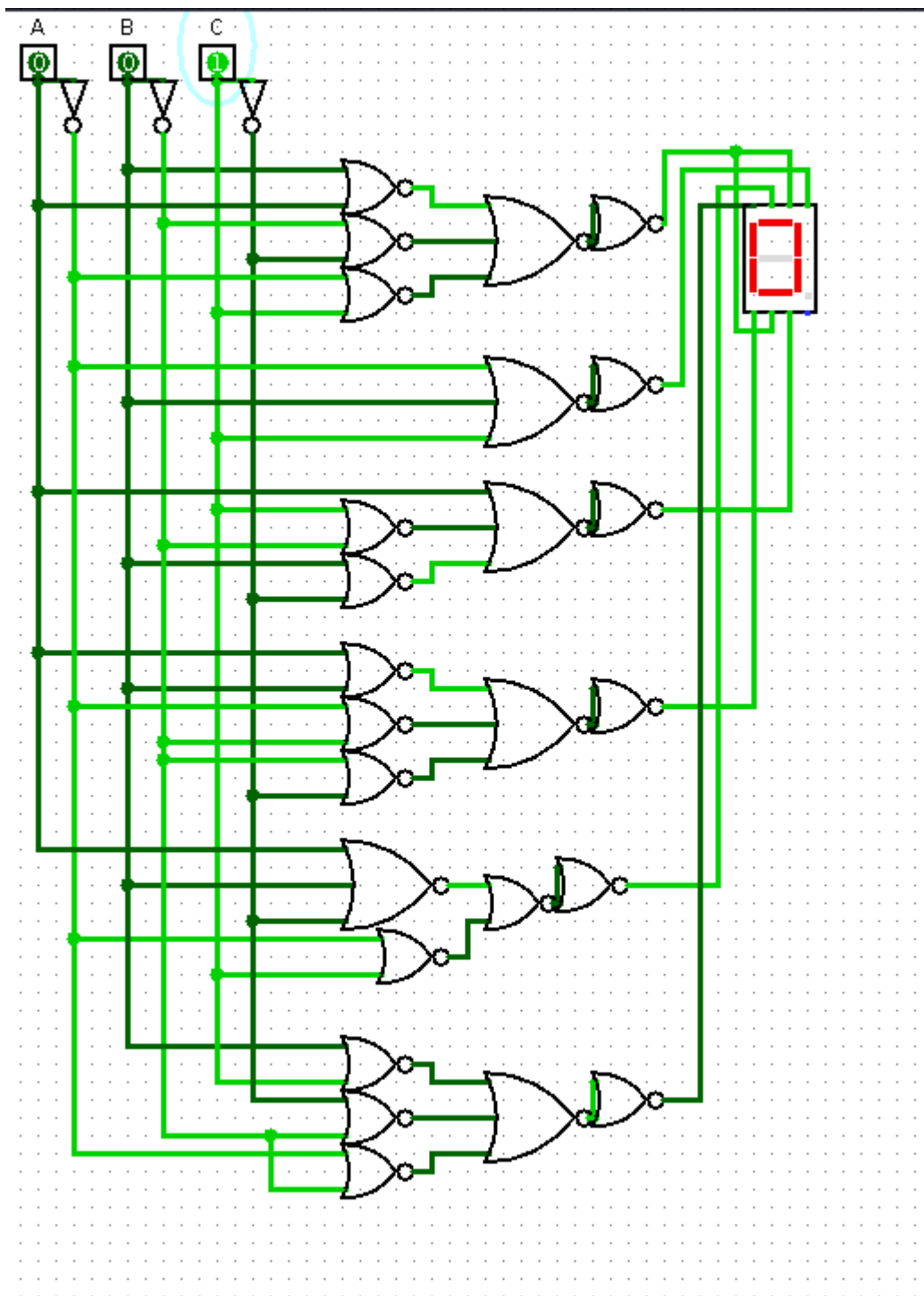
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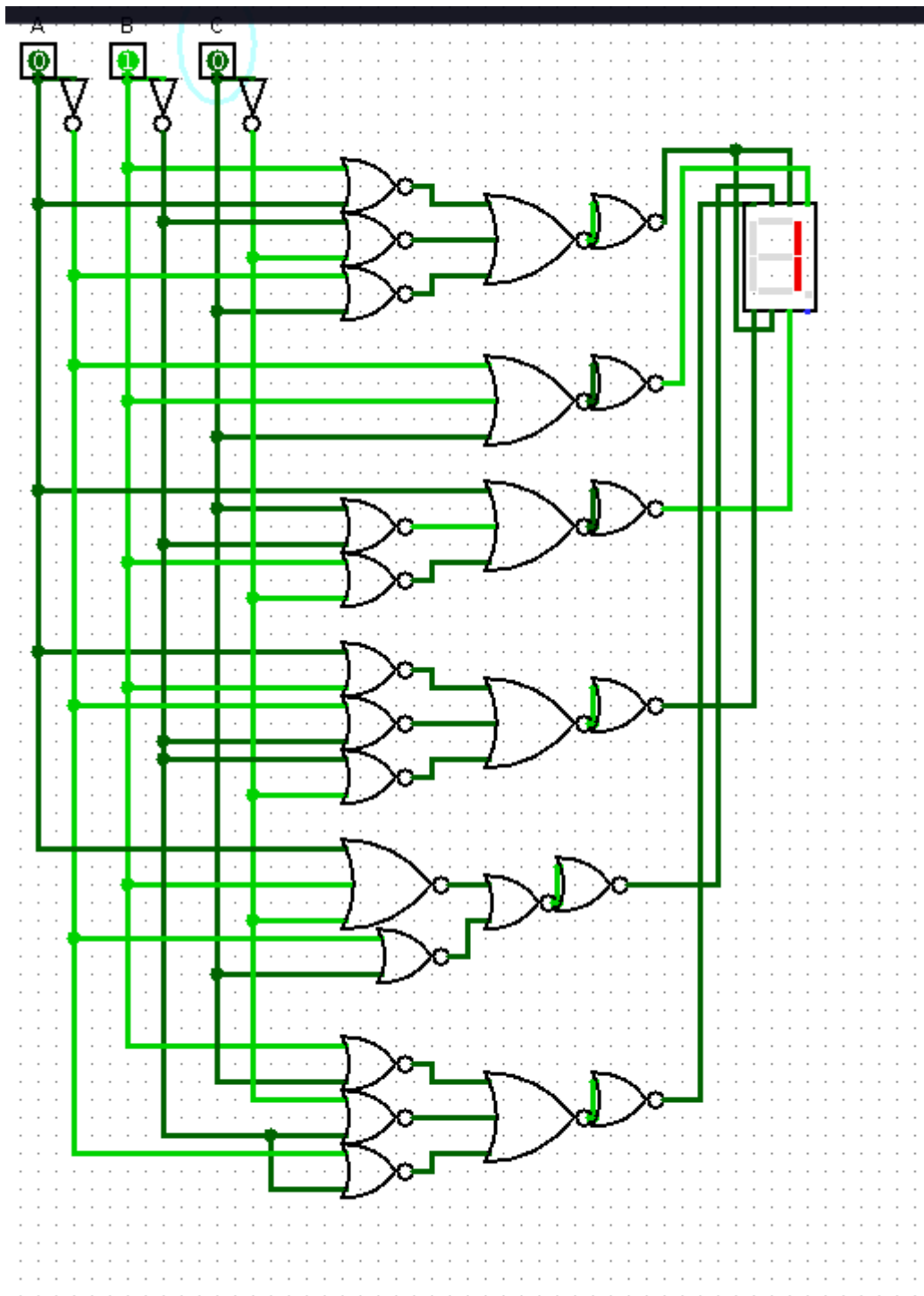
0→2:



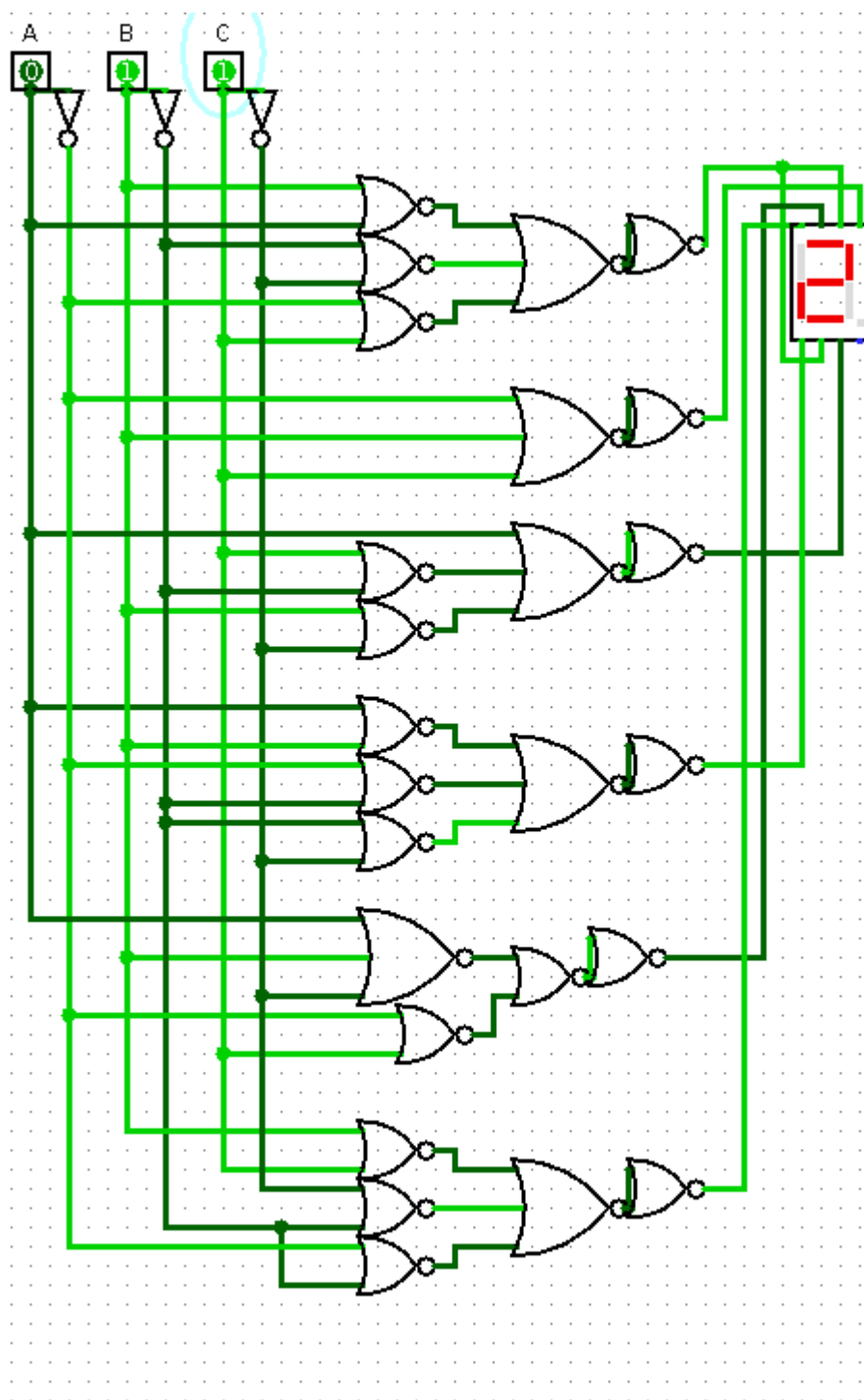
1→0:



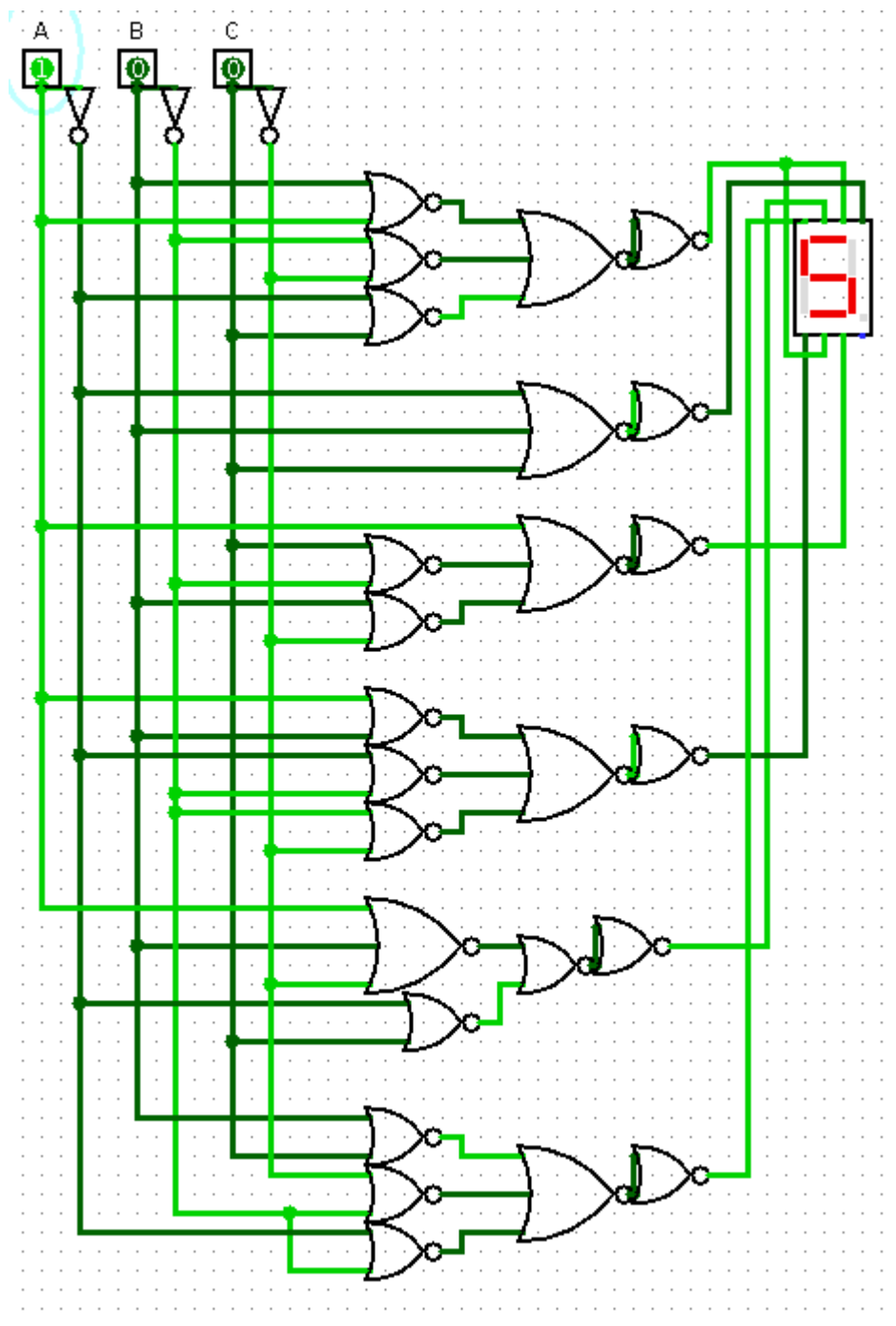
2->1:



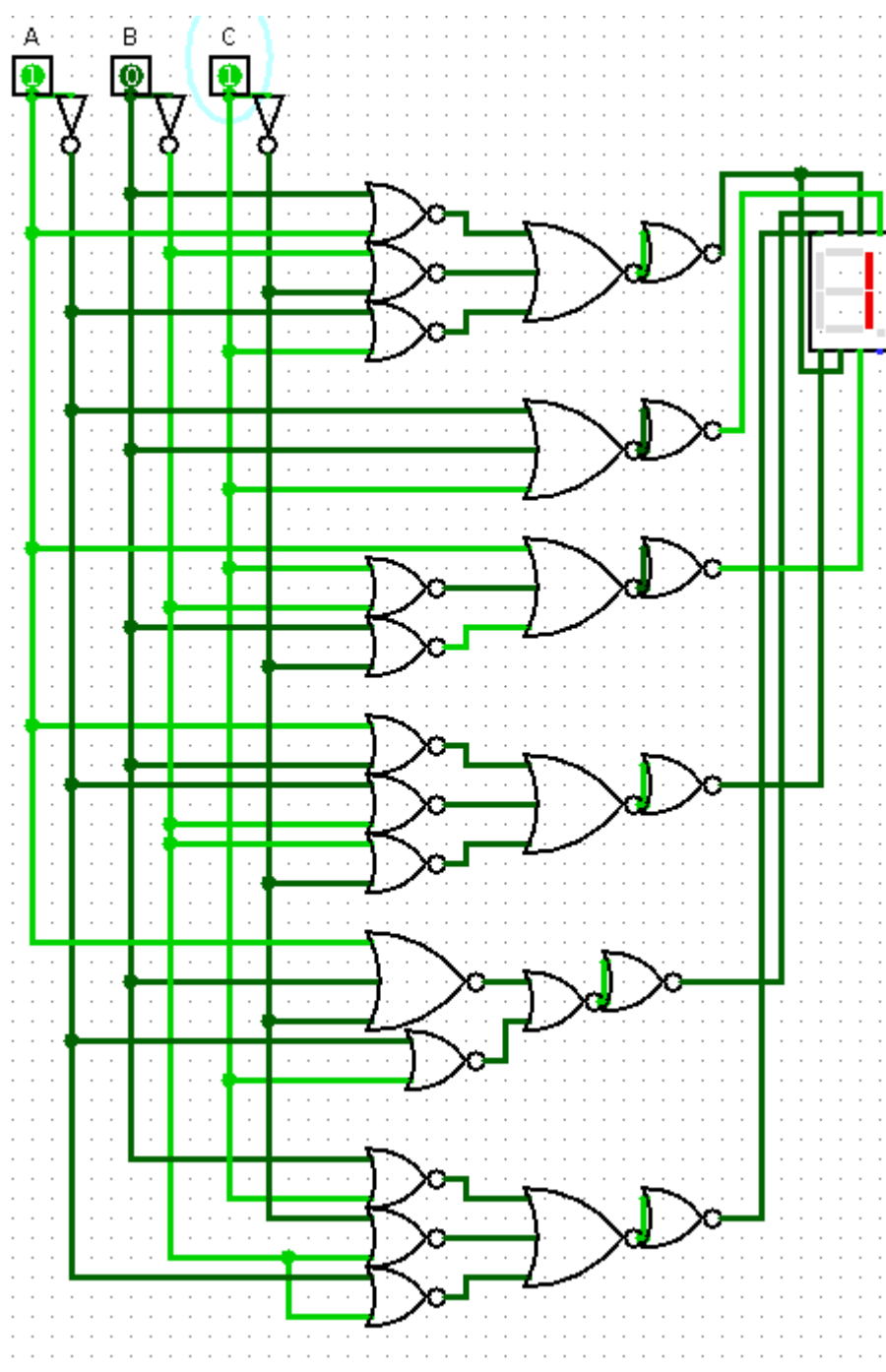
3→2:



4→5:



5->1:



6→8:

