

Canonical Forms: maxterms (POS)

Step1:

Step 2:

Step 3:

x	y	z	maxterms	F
0	0	0		0
0	0	1		1
0	1	0		0
0	1	1		1
1	0	0		0
1	0	1		1
1	1	0		0
1	1	1		0

Test it!

x	y	z										F
0	0	0										0
0	0	1										1
0	1	0										0
0	1	1										1
1	0	0										0
1	0	1										1
1	1	0										0
1	1	1										0

Draw the logic gate here: