

Boolean Algebra:

inputs		Left			Right
		outputs			outputs
x	y	\bar{x}	$\bar{x}y$	$F1 = x + \bar{x}y$	$F2 = x + y$
0	0	1	0	0	0
0	1	1	1	1	1
1	0	0	0	1	1
1	1	0	0	1	1

Conclusion: $x + \bar{x}y = x + y$