

A	B	C	D	AB	CD	ABCD	$\sim A$	$\sim AB$	$\sim CD$	$\sim ABCD$	$\sim AB + \sim CD$	$\sim(\sim AB + \sim CD)$	$\sim ABCD + \sim A$	$\sim(\sim AB + \sim CD) + \sim ABCD + \sim A = S$
0	0	0	0	0	0	0	1	1	1	1	1	0	1	1
0	0	0	1	0	0	0	1	1	1	1	1	0	1	1
0	0	1	0	0	0	0	1	1	1	1	1	0	1	1
0	0	1	1	0	1	0	1	1	0	1	1	0	1	1
0	1	0	0	0	0	0	1	1	1	1	1	0	1	1
0	1	0	1	0	0	0	1	1	1	1	1	0	1	1
0	1	1	0	0	0	0	1	1	1	1	1	0	1	1
0	1	1	1	0	1	0	1	1	0	1	1	0	1	1
1	0	0	0	0	0	0	0	1	1	1	1	0	1	1
1	0	0	1	0	0	0	0	1	1	1	1	0	1	1
1	0	1	0	0	0	0	0	1	1	1	1	0	1	1
1	0	1	1	0	1	0	0	1	0	1	1	0	1	1
1	1	0	0	1	0	0	0	0	1	1	1	0	1	1
1	1	0	1	1	0	0	0	0	1	1	1	0	1	1
1	1	1	0	1	0	0	0	0	1	1	1	0	1	1
1	1	1	1	1	1	1	0	0	0	0	0	1	1	1