

a	b	c	d	f	g
0	0	0	0	1	1
0	0	0	1	1	0
0	0	1	0	0	1
0	0	1	1	0	0
0	1	0	0	0	0
0	1	0	1	0	0
0	1	1	0	0	0
0	1	1	1	0	0
1	0	0	0	0	0
1	0	0	1	0	0
1	0	1	0	0	0
1	0	1	1	0	0
1	1	0	0	0	0
1	1	0	1	0	0
1	1	1	0	0	0
1	1	1	1	0	0

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[Signature]

ab \ cd	00	01	10	11
00	1	1	0	0
01	0	0	0	x
10	x	x	x	x
11	x	x	x	x

$\rightarrow a'b'c'$

ab \ cd	00	01	10	11
00	1	0	1	0
01	0	0	0	x
10	x	x	x	x
11	x	x	x	x

$\rightarrow a'b'd'$

$$a'b'c'd + a'b'cd' = a'b'(c'd + cd')$$