

B

		<i>$\sim C . \sim D$</i>				<i>$\sim C . D$</i>				<i>$C . D$</i>				<i>$C . \sim D$</i>			
		CD															
AB \		00	01	11	10												
<i>$\sim A . \sim B$</i>	00	1 ₀	0 ₁	0 ₃	0 ₂												
<i>$\sim A . B$</i>	01	1 ₄	1 ₅	0 ₇	1 ₆												
<i>$A . B$</i>	11	1 ₁₂	0 ₁₃	0 ₁₅	0 ₁₄												
<i>$A . \sim B$</i>	10	1 ₈	0 ₉	1 ₁₁	1 ₁₀												

Expressão: $\sim C . \sim D + A . \sim B . C + \sim A . B . \sim D + \sim A . B . \sim C$

C

		<i>$\sim C . \sim D$</i>				<i>$\sim C . D$</i>				<i>$C . D$</i>				<i>$C . \sim D$</i>			
		CD															
AB \		00	01	11	10												
<i>$\sim A . \sim B$</i>	00	1 ₀			1 ₂												
<i>$\sim A . B$</i>	01				1 ₆												
<i>$A . B$</i>	11				1 ₁₄												
<i>$A . \sim B$</i>	10	1 ₈			1 ₁₀												

Expressão: $\sim B . \sim C . \sim D + C . \sim D$

D

AB \ CD		$\sim C . \sim D$	$\sim C . D$	$C . D$	$C . \sim D$
		00	01	11	10
$\sim A . \sim B$	00	1 ₀		1 ₃	1 ₂
$\sim A . B$	01		1 ₅		1 ₆
$A . B$	11		1 ₁₃		1 ₁₄
$A . \sim B$	10	1 ₈		1 ₁₁	1 ₁₀

Expressão: $\sim B . \sim C . \sim D + B \sim C . D + \sim B . C . D + C . \sim D$

E

AB \ CD		$\sim C . \sim D$	$\sim C . D$	$C . D$	$C . \sim D$
		00	01	11	10
$\sim A . \sim B$	00	1 ₀	1 ₁	1 ₃	
$\sim A . B$	01	1 ₄	1 ₅	1 ₇	1 ₆
$A . B$	11	1 ₁₂	1 ₁₃	1 ₁₅	
$A . \sim B$	10	1 ₈	1 ₉	1 ₁₁	1 ₁₀

Expressão: $\sim C . \sim D + \sim C . D + C . D + \sim A . B + A . \sim B$

F

AB \ CD		$\sim C . \sim D$	$\sim C . D$	$C . D$	$C . \sim D$
		00	01	11	10
$\sim A . \sim B$	00	1 ₀	1 ₁	1 ₃	1 ₂
$\sim A . B$	01	1 ₄		1 ₇	
$A . B$	11	1 ₁₂	1 ₁₃	1 ₁₅	1 ₁₄
$A . \sim B$	10	1 ₈	1 ₉		

Expressão: $\sim C \sim D + \sim A \sim B + A . B + \sim C . D \sim B + C . D \sim A$

G

AB \ CD		$\sim C . \sim D$	$\sim C . D$	$C . D$	$C . \sim D$
		00	01	11	10
$\sim A . \sim B$	00			1 ₃	1 ₂
$\sim A . B$	01	1 ₄	1 ₅		1 ₆
$A . B$	11	1 ₁₂	1 ₁₃		1 ₁₄
$A . \sim B$	10	1 ₈		1 ₁₁	1 ₁₀

Expressão: $\sim C B + A \sim D + C \sim B + C \sim D$

Tabela: https://docs.google.com/spreadsheets/d/18HCC0oPXZSdACdbRX9iE0E3vcY1KL_sDht7PGhfgfoo/edit?usp=sharing

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Minterno	A	B	C	D	a	b	c	d	e	f	g	sin	C-2
0	0	0	0	0	1	1	1	1	1	1	0	0	0
1	0	0	0	1	0	0	0	0	1	1	0	0	1
2	0	0	1	0	1	0	1	1	0	1	1	1	2
3	0	0	1	1	1	0	0	1	1	1	1	1	3
4	0	1	0	0	0	1	0	0	1	1	1	1	4
5	0	1	0	1	1	1	0	1	1	0	1	1	5
6	0	1	1	0	1	1	1	1	1	0	1	1	6
7	0	1	1	1	1	0	0	0	1	1	0	0	7
8	1	0	0	0	1	1	1	1	1	1	1	1	-8
9	1	0	0	1	1	0	0	0	1	1	0	0	-7
10	1	0	1	0	1	1	1	1	1	0	1	1	-6
11	1	0	1	1	1	1	0	1	1	0	1	1	-5
12	1	1	0	0	0	1	0	0	1	1	1	1	-4
13	1	1	0	1	1	0	0	1	1	1	1	1	-3
14	1	1	1	0	1	0	1	1	0	1	1	1	-2
15	1	1	1	1	0	0	0	0	1	1	0	0	-1