

# Diego Lobato 1100999

## Funciones lógicas con simulador web

1.  $F0 = AB + \overline{A}B$

IN	IN	OUT
0	0	0
1	0	1
0	1	1
1	1	0

2.  $F1 = AB + \overline{A}\overline{B}$

IN	IN	OUT
0	0	1
1	0	0
0	1	0
1	1	1

3.  $F2 = \overline{A}BC + A\overline{B}C + ABC$

IN	IN	IN	OUT
0	0	0	1
1	0	0	0
0	1	0	0
1	1	0	0
0	0	1	0
1	0	1	1
0	1	1	0
1	1	1	1

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4.  $F3 = \mathbf{ABC} + \mathbf{ABC} + \mathbf{ABC} + \mathbf{ABC}$

IN	IN	IN	OUT
0	0	0	1
1	0	0	0
0	1	0	1
1	1	0	0
0	0	1	1
1	0	1	0
0	1	1	0
1	1	1	1

5.  $F4 = \mathbf{ABC} + \mathbf{ABC} + \mathbf{ABC} + \mathbf{ABC}$

IN	IN	IN	OUT
0	0	0	1
1	0	0	0
0	1	0	0
1	1	0	0
0	0	1	1
1	0	1	1
0	1	1	0
1	1	1	1