

Prática 0 - Passo 4 - A

1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
0	0	1	1	0	0	1	0	1	1	1	0	1	0	1	0	0
1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
1	1	0	0	1	0	1	0	1	1	0	1	0	0	1	0	0
1	1	0	0	1	0	0	1	0	1	0	1	1	0	1	0	0
1	1	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0
A	B	C	D	AB	C+D	AB(C+D)	$x = AB(C+D)$									
0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0
0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	1	0
0	0	1	0	0	1	0	0	0	1	0	1	0	1	1	0	1
0	0	1	1	0	1	0	0	0	0	1	0	1	1	1	0	1
0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0
0	1	0	1	0	1	0	0	0	0	1	0	0	1	0	1	0
0	1	1	0	0	1	0	0	0	1	0	0	0	1	1	1	0
0	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	0
1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1
1	0	0	1	0	1	0	0	0	0	1	1	1	1	0	0	1
1	0	1	0	0	1	0	0	0	1	0	1	1	1	0	0	1
1	0	1	1	0	1	0	0	0	0	0	1	1	1	1	0	1
1	1	0	0	1	0	0	1	0	1	0	1	0	0	1	0	1
1	1	0	1	1	1	0	1	1	0	0	1	0	0	1	0	1
1	1	1	0	1	1	0	0	1	1	1	0	0	1	0	1	1
1	1	1	1	1	1	0	0	1	0	0	0	0	1	0	1	1
0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	1	1
0	0	0	1	0	0	0	1	0	1	1	0	1	0	0	1	1
0	0	0	1	0	0	0	1	0	1	0	1	0	0	1	0	1
0	0	0	1	0	0	0	1	0	0	1	0	1	0	1	0	1
0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	1
0	0	0	1	0	0	0	1	0	1	0	0	1	0	1	1	1
0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1	1
0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1	1
0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1	1

Prática 0 - Passo 4 - B

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A	B	C	D	E	\bar{B}	\bar{C}	\bar{D}	\bar{E}	$A+B$	$\bar{B}\bar{C}\bar{D}$	$\bar{C}\bar{D}\bar{E}$	$A+B+\bar{C}\bar{D}\bar{E}$	$A+B+\bar{C}\bar{D}\bar{E}$	$Z = ((A+B+\bar{C}\bar{D}\bar{E}) + \bar{B}\bar{C}\bar{D})$
0	0	0	0	0	1	1	1	1	0	0	0	0	1	1
0	0	0	0	1	1	1	1	0	0	0	0	0	1	1
0	0	0	1	0	1	1	0	1	0	0	1	1	0	0
0	0	0	1	1	1	1	0	0	0	0	0	0	1	1
0	0	1	0	0	1	0	1	1	0	1	0	0	1	1
0	0	1	0	1	1	0	1	0	0	1	0	0	1	1
0	0	1	1	0	1	0	0	1	0	0	0	0	1	1
0	0	1	1	1	0	0	0	0	0	0	0	0	1	1
0	1	0	0	0	0	1	1	1	1	0	0	0	0	0
0	1	0	0	1	0	1	1	0	1	0	0	1	0	0
0	1	0	1	0	0	1	0	1	1	0	1	1	0	0
0	1	0	1	1	0	1	0	0	1	0	0	1	0	0
0	1	1	0	0	0	0	1	1	1	0	0	0	0	0
0	1	1	0	1	0	0	1	0	1	0	0	1	0	0
0	1	1	1	0	0	0	0	0	1	0	0	1	0	0
1	0	0	0	0	1	1	1	1	1	0	0	0	0	0
1	0	0	0	1	1	1	1	0	1	0	0	1	0	0
1	0	0	1	0	1	1	0	1	1	0	1	1	0	0
1	0	0	1	1	1	1	0	0	1	0	0	1	0	0
1	0	1	0	0	1	0	1	1	1	1	0	0	0	0
1	0	1	0	1	1	0	1	0	1	1	0	1	0	0
1	0	1	1	0	1	0	0	1	1	0	0	1	0	0
1	0	1	1	1	1	0	0	0	1	0	0	1	0	0
1	1	0	0	0	0	1	1	1	1	0	0	1	0	0
1	1	0	0	1	0	1	1	0	1	0	0	1	0	0
1	1	0	1	0	0	1	0	1	1	0	1	1	0	0
1	1	0	1	1	0	0	0	0	1	0	0	1	0	0
1	1	1	0	0	0	0	1	1	1	0	0	1	0	0
1	1	1	0	1	0	0	1	0	1	0	0	1	0	0
1	1	1	1	0	0	0	0	1	1	0	0	1	0	0
1	1	1	1	1	0	0	0	0	1	0	0	1	0	0

Prática 0 - Passo 4 - C

Prática 0 - Passo 0 - Continuação

$\overline{PQ} + W = x$					$\overline{PQ} + W$		\overline{PQ}	\overline{P}	Q	P	W
0	0	0	0	1	0	0	0	1	0	0	0
0	0	0	1	1	0	0	0	0	1	0	0
0	0	1	0	0	1	1	1	1	0	1	0
0	0	1	1	1	0	0	0	0	1	1	0
0	1	0	0	1	1	1	0	1	0	0	1
0	1	0	1	1	1	0	1	0	1	0	1
0	1	1	0	0	1	0	0	1	1	1	1
0	1	1	1	0	1	0	0	0	1	1	1
1	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	1	0	1	0	1	1	0	0
1	0	1	0	0	0	0	0	0	1	0	0
1	0	1	1	0	0	0	0	0	0	0	0
1	1	0	0	1	0	1	0	0	0	1	0
1	1	0	1	1	0	1	1	0	1	0	0
1	1	1	0	0	0	0	0	0	1	0	1
1	1	1	1	0	0	0	0	1	0	0	1

$$y = (\overline{M+N} + \overline{PQ})$$

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Prática 0 - Passo 4 - D

C - A and - O writing

W	P	Q	\bar{Q}	$P\bar{Q}$	$W + P\bar{Q}$	$\overline{W + P\bar{Q}}$
0	0	0	1	0	0	1
0	0	1	0	0	0	1
0	1	0	1	1	1	0
0	1	1	0	0	0	1
1	0	0	1	0	1	0
1	0	1	0	0	1	0
1	1	0	1	1	1	0
1	1	1	0	0	1	0

Prática 0 - Passo 4 - E

M	N	P	\bar{N}	MN	$P + \bar{N}$	$MN(P + \bar{N})$
0	0	0	1	0	1	0
0	0	1	1	0	1	0
0	1	0	0	0	0	0
0	1	1	0	0	1	0
1	0	0	1	0	1	0
1	0	1	1	0	1	0
1	1	0	0	1	0	0
1	1	1	0	1	1	1

Prática 0 - Passo 4 - F

A	B	\bar{A}	\bar{B}	$A + B$	$\bar{A} + \bar{B}$	$(A + B)(\bar{A} + \bar{B})$
0	0	1	1	0	1	0
0	1	1	0	1	1	1
1	0	0	1	1	1	1
1	1	0	0	1	0	0