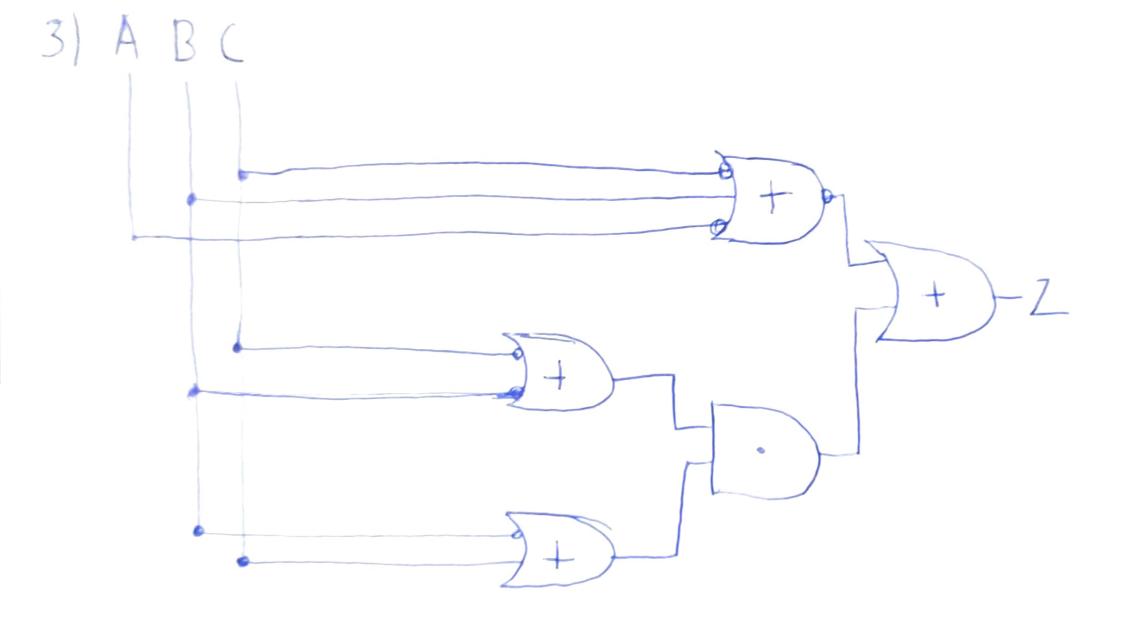
Lista Exercícios 1



4) a)
$$S = X + Y - 7$$
 $S = (\overline{AC})(\overline{BC}) + (\overline{AC}) + \overline{A}$
 $X = \overline{ZW} - 7$ $X = \overline{AC})(\overline{BC})$
 $Y = \overline{Z} + \overline{A} - 7$ $Y = \overline{AC}) + \overline{A}$
 $Z = AC$
 $W = BC$
ABCS

	Д	B	(5
1	0	0	0	
	0	0	1	1
1	0	1	0	1
	0	1		1
	_	0	0	
	1	0	1	1
		L	0	0
	1	L		1

$$X = K + (-7 \times = (\overline{A} + B) + (\overline{A} C)$$

A	B	C	5
0	0	0	[]
0	0	1	
0		0	
0	1		1
	0	0	1
1	D	_	Ó
Į	L	0	1
	1		Ó

5) a)
$$\overline{A}+\overline{B}+C$$

b) $(\overline{A}+\overline{B}+\overline{C})\cdot(\overline{A}+\overline{B}+\overline{C})$

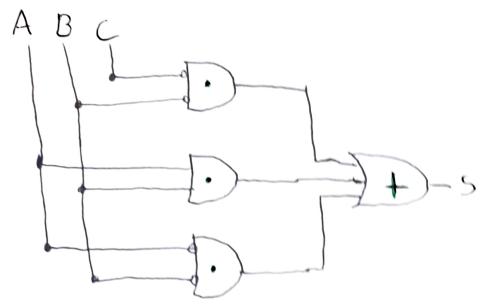
—		
А	B	5
0	0	1
0	1	0
1	0	1
	1	0

$$S(A_1B) = \overline{A} \cdot \overline{B} + A \cdot \overline{B}$$

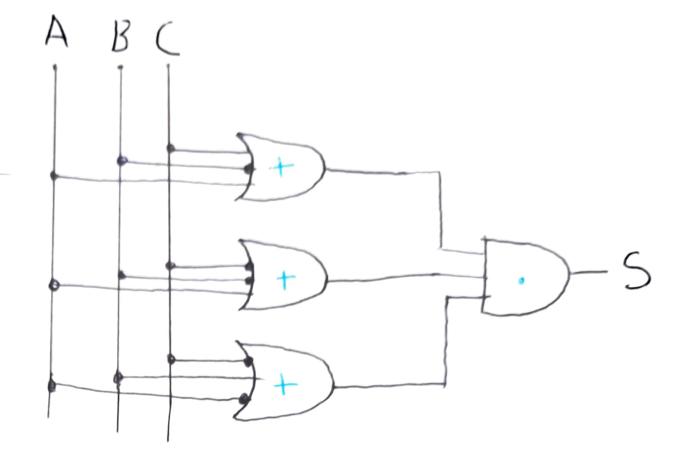
 $S(A_1B) = \overline{B} \cdot (\overline{A} + A) = \overline{B} \cdot \overline{L} = \overline{B}$

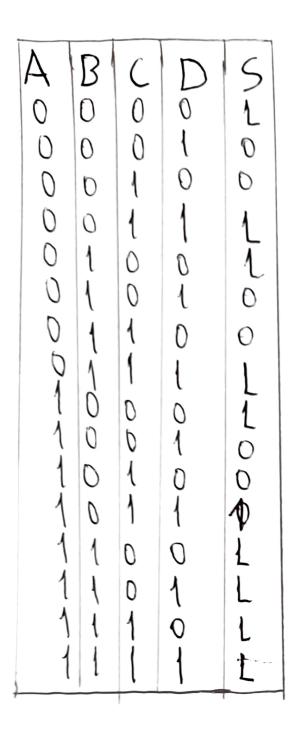


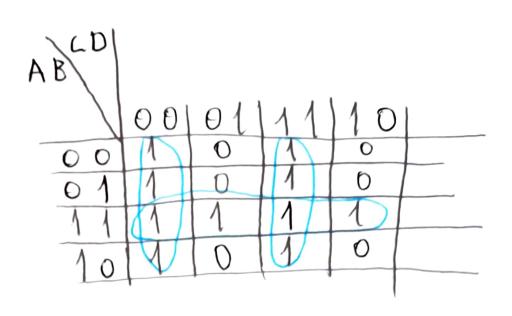
1 1				
b)	A	B		5
	0	0	0	1
	0	0	1	1
	0	1	0	0
	0	1	1	0
	1	0	0	1
	1	0	1	0
,	1	1	0	1
	1	1		1

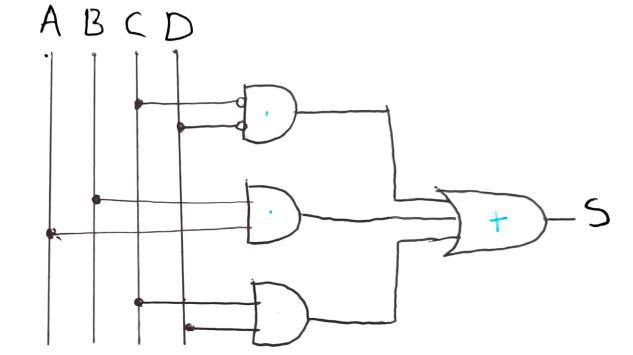


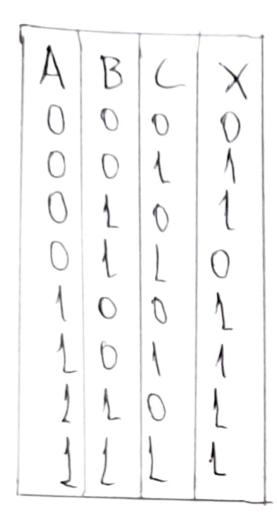
$$S(A_1B_1C) = (A + B + C).(A + B + \overline{C}).(\overline{A} + B + \overline{C})$$

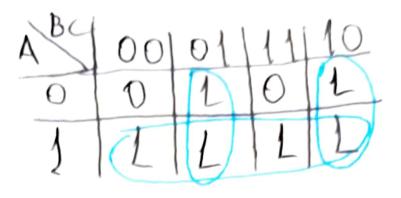




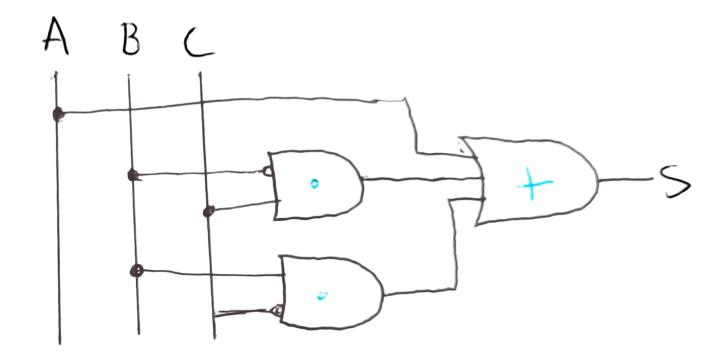








A+BC+BC



3)
$$(ABC)+(\overline{A}.\overline{C})+(\overline{A}.\overline{B})$$

A B C

C

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