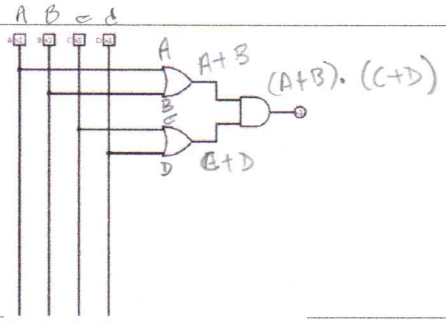
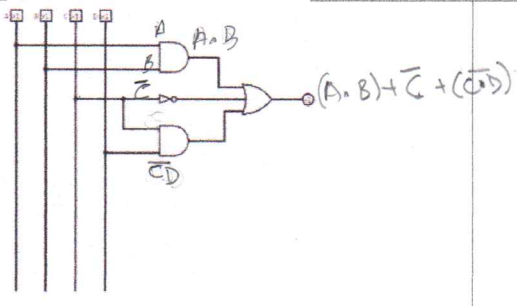
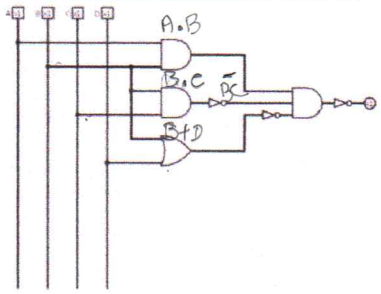
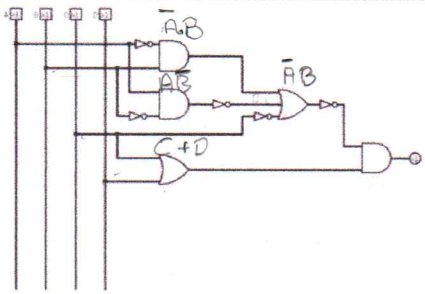
Nome do Aluno: Edilson José de Mattos Data: 21/09/21

Expressões Obtidas de Circuitos Lógicos

	$S = (A+B) \cdot (C+D)$
	$S = (A \cdot B) + \bar{C} + (C \cdot \bar{D})$
	$= (A \cdot B) \cdot (B \cdot C) \cdot (\bar{A}\bar{C}) \cdot (B+D) \cdot \overline{(B+D)}$ $S = (\bar{A} \cdot B) \cdot (\overline{B \cdot C}) \cdot (AC) \cdot (\overline{B+D}) \cdot (B+D)$
	$S = (A \cdot \bar{B}) + (\bar{A} \cdot B) + C \cdot (C+D)$

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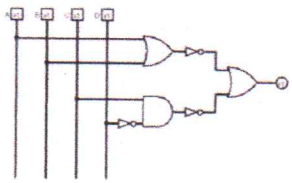
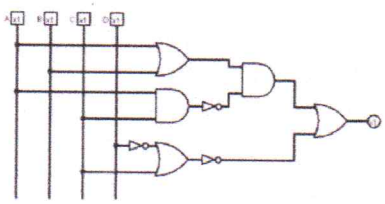
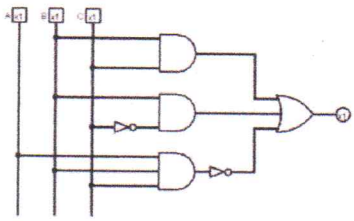
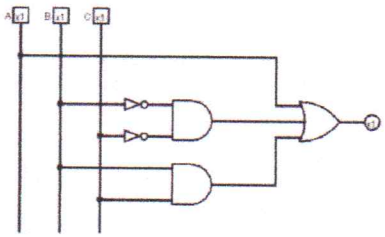
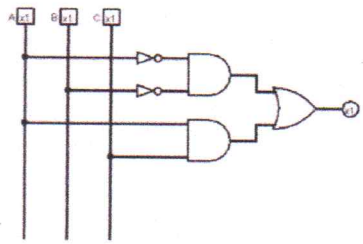
	$S = (A + B) + (\bar{C} \cdot D)$
	$S = (A + B) \cdot (\bar{A} \cdot C) + (D + \bar{C})$
	$S = (B \cdot C) + (B\bar{C}) + (A\bar{B}C)$
	$S = A + (B\bar{C}) + (BC)$
	$S = (\overline{AB}) + AC$

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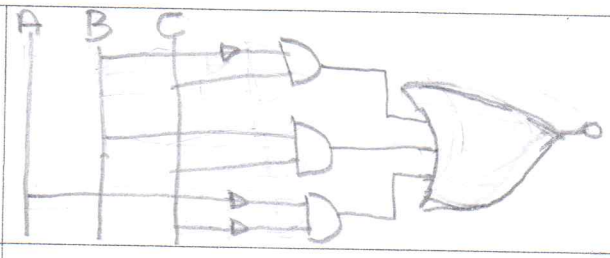
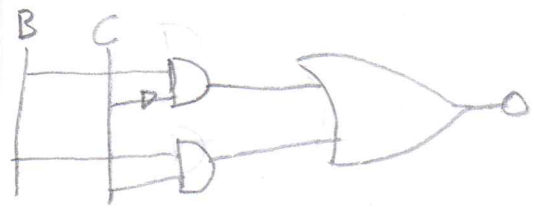
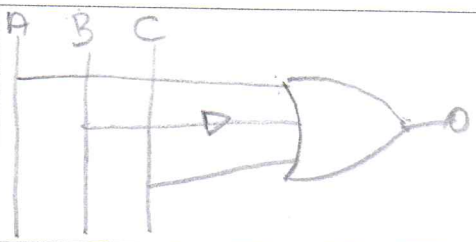
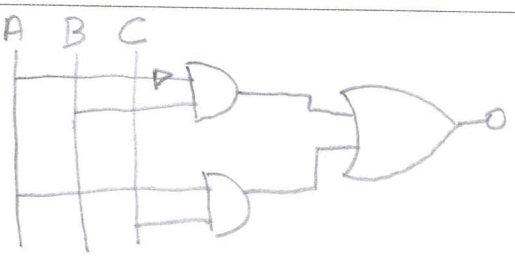
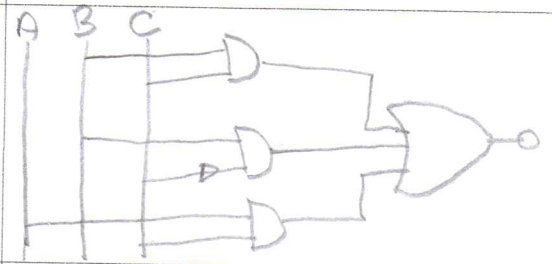
Circuitos Lógicos Obtidos de Expressões

1- (|B.C) + (B.C) + (|A.|B)	
2- (B.|C) + (B.C)	
3- A + |B + C	
4- (|A . B) + (A . C)	
5- (B.C) + (B.|C) + |(A.B.C)	
6- (|B.C) + (|A.|B) + (A.B.C)