

## Prática 2 - Atividade 01

07/107

	$\bar{B}\bar{C}$	$\bar{B}C$	$BC$	$B\bar{C}$
$\bar{A}$	1	0	1	1
A	1	0	1	0

$$x = \bar{A}\bar{B}\bar{C} + A\bar{B}\bar{C} + \bar{A}B\bar{C} + \bar{A}BC + \bar{A}BC + \bar{A}BC + \bar{A}BC =$$

$$x = \bar{B}\bar{C} + \bar{A}\bar{C} + BC + \bar{A}B$$

## Prática 2 - Atividade 03 - A

	$\bar{B}\bar{C}$	$\bar{B}C$	$BC$	$B\bar{C}$
$\bar{A}$	0	1	1	0
A	0	0	1	0

$$x = \bar{A}C + BC$$

## Atividade 03 - B = x

	$\bar{R}$	R
$\bar{Q}$	0	1
Q	1	0

$$y = \bar{Q}R + QR$$

07/07/20

## Prática 02 A - 2 habilitado - 1 versão

Atividade 03 - C

	$\bar{B}\bar{C}$	$\bar{B}C$	$BC$	$B\bar{C}$
$\bar{A}$	1	1	1	1
A	0	1	1	0

$$W = \bar{A} + C$$

Atividade 03 - D

	$\bar{B}\bar{C}$	$\bar{B}C$	$BC$	$B\bar{C}$
$\bar{A}$	1	0	1	0
A	1	1	1	0

$$x = \bar{B}\bar{C} + A\bar{B} + BC$$

Atividade 03 - E

	$\bar{C}\bar{D}$	$\bar{C}D$	$CD$	$C\bar{D}$
$\bar{A}\bar{B}$	1	0	1	1
$\bar{A}B$	1	0	0	1
$AB$	1	0	0	1
$A\bar{B}$	1	1	0	1

$$y = \bar{D} + \bar{A}\bar{B}C + A\bar{B}\bar{C}$$

Atividade 03 - F

	$\bar{C}\bar{D}$	$\bar{C}D$	$CD$	$C\bar{D}$
$\bar{A}\bar{B}$	1	0	0	0
$\bar{A}B$	0	1	1	0
$AB$	1	0	1	1
$A\bar{B}$	1	0	0	0

$$x = \bar{B}\bar{C}\bar{D} + \bar{A}BD + BCD + AB\bar{D}$$



# Prática 02

Atividade 04 - A

Atividade 05 - B

$$E_{10} = 0011$$

	$\bar{C}\bar{D}$	$\bar{C}D$	$CD$	$C\bar{D}$
$\bar{A}\bar{B}$	1	1	1	1
$\bar{A}B$	1	1	0	0
$AB$	0	0	0	1
$A\bar{B}$	0	0	1	1

$$S = \bar{A}\bar{C} + \bar{B}C + AC\bar{D}$$

B)

	$\bar{C}\bar{D}$	$\bar{C}D$	$CD$	$C\bar{D}$
$\bar{A}\bar{B}$	1	0	1	1
$\bar{A}B$	1	0	0	1
$AB$	0	0	0	0
$A\bar{B}$	1	0	1	1

$$S = \bar{A}\bar{D} + \bar{B}\bar{D} + \bar{B}C$$

C)

	$\bar{C}$	$C$
$\bar{A}\bar{B}$	1	1
$\bar{A}B$	0	0
$AB$	1	0
$A\bar{B}$	1	x

$$x = 1$$

$$S = \bar{B} + A\bar{C}$$

Atividade 05 - A

$$2_{10} = 0010_2$$

$$3_{10} = 0011_2$$

$$9_{10} = 1001_2$$

DCBA

	$\bar{B}\bar{A}$	$\bar{B}A$	$BA$	$B\bar{A}$
$\bar{D}\bar{C}$			1	1
$\bar{D}C$				
$D\bar{C}$	x	x	x	x
$DC$		1	x	x

$$X = DA + \bar{C}B$$

11/07/11

## Prática 02

Atividade 05 - B

	$\bar{B}\bar{A}$	$\bar{B}A$	$BA$	$B\bar{A}$
$\bar{D}\bar{C}$	X	X	1	
$\bar{D}C$	1	1		
$DC$				
$D\bar{C}$	1	X	X	

$$X = \bar{D}\bar{B} + \bar{C}A + \bar{B}\bar{C}$$

$$3_{10} = 0011_2$$

$$4_{10} = 0100_2$$

$$5_{10} = 0101_2$$

$$8_{10} = 1000_2$$

D C B A