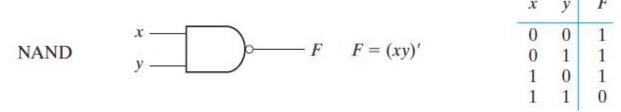
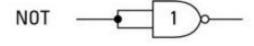
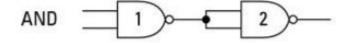
PRÁCTICO 2 - Álgebra de Boole

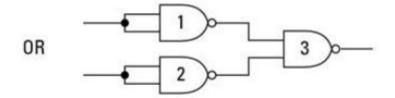
Ejercicio 4:

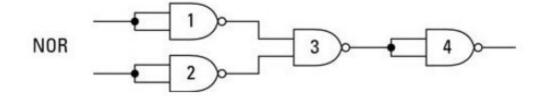


- a) NOT: F = x'Aplicando el teorema 1: F= (x.x)'
- b) AND: F = x.y Por teorema 3: F = F" = (x.y)" = ((x.y)")
- c) OR: F = x+y
 Por teorema 3: F = F" = (x+y)"
 Por teorema 5: F = (x'.y')'
- d) NOR: F = (x+y)'Por teorema 3: F = F" = (x+y)"'Por teorema 5: F = ((x'.y')')'









Organización del Computador 2020

Ejercicio 5:

- a) NOT: F = x'Aplicando el teorema 1: F= (x+x)'
- b) OR: F = x+y Por teorema 3: F = F" = (x+y)" = ((x+y)')
- c) AND: F = x.y Por teorema 3: F = F" = (x.y)" Por teorema 5: F = (x'+y')'
- d) NAND: F = (x.y)'Por teorema 3: F = F" = (x.y)"Por teorema 5: F = ((x'+y')')'

