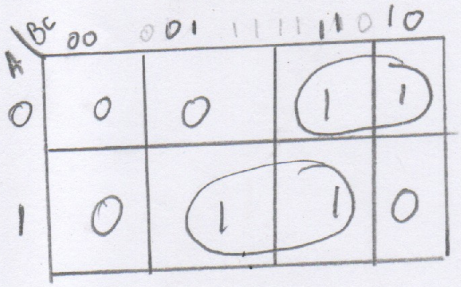
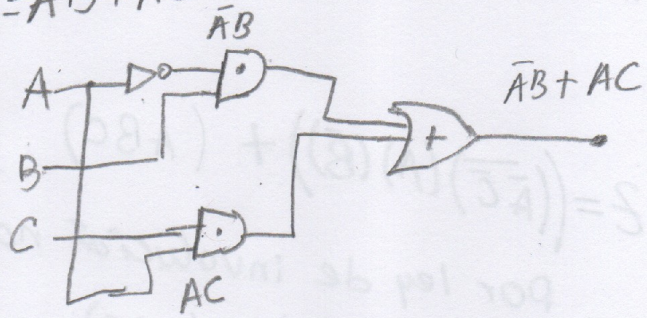
Alejandra Claire Aguilar Mata

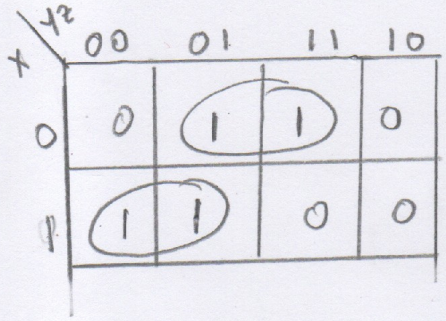
a) $\bar{A}BC + A\bar{B}C + ABC + B\bar{C}$



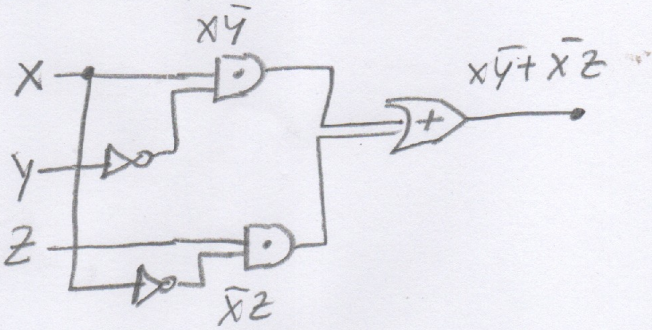
$X = \bar{A}B + AC$



B) $D = \bar{y}(x+z) + z(\bar{x}+y) + x.z$

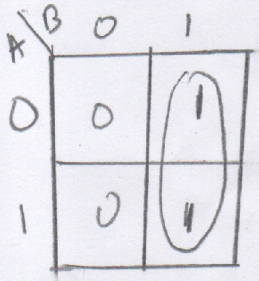


$D = x\bar{y} + \bar{x}z$



c) $z = (\bar{A}+B)(A+B)$

$\bar{A}A + \bar{A}B + BA + BB$



$z = B$

2.

$Y = (AC) + (B\bar{C}) + (\bar{A}BC)$

3.

$Z = \left(\left(\overline{\bar{A}\bar{C}}\right)(A)(\bar{B})\right) + (ABC)$

Por ley de involución nos queda

$Z = \left((AC)(A)(\bar{B})\right) + (ABC)$