Tarea 5. Ejercicios de mapas de Karnaugh

$1. \bar{x}y\bar{z} + x\bar{y}\bar{z} + \bar{x}\bar{y}\bar{z} + xy\bar{z}$

x \ y z	00	01	11	10
0	1	0	0	1
1	1	0	0	1

$$R = \bar{z}$$

$2. xyz + x\bar{y}z + xy\bar{z}$

x \ y z	00	01	11	10
0	0	0	0	0
1	0	1	1	1

$$R = xz + xy$$

$3. \bar{A}\bar{B}\bar{C}D + A\bar{B}\bar{C}D + \bar{A}B\bar{C}D + \bar{A}BCD + \bar{A}BC\bar{D} + AB\bar{C}D + ABCD + ABC\bar{D}$

A B \ C D	00	01	11	10
00	0	1	1	0
01	0	1	1	1
11	0	1	0	1
10	0	1	0	0

$$R = \bar{C}D + \bar{A}D + BC\bar{D}$$