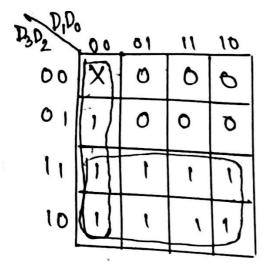
Name & Sk. Sabit Bin Mosaddek Student ID: 5201805106

Problem 1 Truth Table:

	NI .				
D ₃	D ₂	D,	Do	Y ₁	75
0	0	0	0	X	X
0	0	0	,	0	0
0	0	1	0	0	1
0	0	1	1	0	1
0	1	0	0	1	6
D	1	0	1	0	٥
0 -	1	1	0	Ō	1
0	1	1	<u> </u>	0.	1
1	0	0	Ö	1	1
1	0	0	1	1	1
	0	1	0	1	2
1 1	0	1 0	2	1	1
1	1	0	0	1	4 ,
1	1	0	1	1	1
1	1	1	D	1	1
1	1	1	1	1	1



KMap Jon Y

$$Y_1 = \overline{D_0} \overline{D_1} + D_3$$

D, D,	S			
302	00	01	11	(0
D3D2	×	0	1	-
01	0	O	1	1 {
11	1	1	1	$\overline{\gamma}$
10	(1	1	[1

KMap for 6