Assignment 3 Section 1

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w	x	y	z	F1	F1=∑m(0,1,2,3,4,5,7,14,15)	F1=πM(0,1,2,3,4,5,7,14,15)
0	0	0	0	1	w'x'y'z'	
0	0	0	1	1	w'x'y'z	
0	0	1	0	1	w'x'yz'	
0	0	1	1	1	w'x'yz	
0	1	0	0	1	w'xy'z'	
0	1	0	1	1	w'xy'z	
0	1	1	0	0		(w'+x+y+z')
0	1	1	1	1	w'xyz	
1	0	0	0	0		(w+x'+y'+z')
1	0	0	1	0		(w+x'+y'+z)
1	0	1	0	0		(w+x'+y+z')
1	0	1	1	0		(w+x'+y+z)
1	1	0	0	0		(w+x+y'+z')
1	1	0	1	0		(w+x+y'+z)
1	1	1	0	1	wxyz'	
1	1	1	1	1	wxyz	

Min Term Expansion = w'x'y'z' + w'x'y'z + w'x'yz' + w'x'yz + w'xy'z' + w'xy'z + w'xyz + wxyz' + wxyz

Max Term Expansion = (w'+x+y+z')(w+x'+y'+z')(w+x'+y'+z)(w+x'+y+z')(w+x'+y+z)(w+x+y'+z')(w+x+y'+z)