

Zadanie domowe WDI ćwiczenia 2 – Mateusz Serek gr13

1.

$$98273_{(10)} = 5966_{(13)}$$

98	273	13	6
75	59	13	6
58	7	13	9
44		13	5
3			

3.

$P F(A, B, C, D)$

		CD			
AB		00	01	11	10
00			X	X	
01				X	X
11		X	X		
10		X			X

$$F(A, B, C, D) = (\sim A \cdot \sim B \cdot D) + (\sim A \cdot B \cdot C) + (A \cdot B \cdot \sim C) + (A \cdot \sim B \cdot B)$$

2.

$$(\sim A + C)(AB + \sim A \sim B + AC)$$

Reszta zadania na drugim zdjęciu

2. $F_1: \neg A + C$

$F_2: AB + \neg A \neg B + AC$

A	B	C	F_1	F_2	F
0	0	0	1	1	1
0	0	1	1	1	1
0	1	0	1		
0	1	1	1		
1	0	0			
1	0	1	1	1	1
1	1	0		1	
1	1	1	1	1	1

~~$F = \neg A \neg B C$~~

AB	C	0	1
00		1	1
01			
11			1
10			1

$\neg A \neg B + AC$, wxyz

$(\neg A + C)(AB + \neg A \neg B + AC) = \neg A \neg B + AC$