

zad. 1

$$(98273)_{10} = (35966)_{13}$$

98273		13	6
7559		13	6
581		13	9
44		13	5
3			3

zad. 2

$$\begin{aligned}(\sim A + C)(AB + \sim A \sim B + AC) &= \overset{0}{\uparrow} \sim AAB + \sim A \sim A \sim B + \overset{0}{\uparrow} \sim AAC + ABC + \sim A \sim BC \\ + ACC &= \underbrace{\sim A \sim B} + ABC + \underbrace{\sim A \sim BC} + AC = \sim A \sim B(1 + C) + AC(1 + B) = \\ &= \sim A \sim B + AC = \sim A + \sim B + AC\end{aligned}$$

zad. 3

AB \ CD	00	01	11	10
00	0	1	1	0
01	0	0	1	1
11	1	1	0	0
10	1	0	0	1

$$f(a, b, c, d) = \sim A \sim B D + \sim A B C + AB \sim C + A \sim B \sim D$$