

Aufgabe 4

64er	32er	16er	8er	4er	2er	1er
				1	0	1
			1	0	1	1
		1	1	0	1	1
	1	0	0	0	0	0
	1	1	0	1	1	0
1	1	0	0	0	1	1

- a) $(5)_{10} = (101)_2$
- b) $(11)_{10} = (1011)_2$
- c) $(27)_{10} = (11011)_2$
- d) $(32)_{10} = (100000)_2$
- e) $(54)_{10} = (110110)_2$
- f) $(99)_{10} = (1100011)_2$

Aufgabe 5

64er	32er	16er	8er	4er	2er	1er
					1	0
				1	1	0
			1	0	1	0
			1	1	0	0
			1	1	1	1
		1	0	0	0	1

a) $(10)_2 = (2)_{10}$

b) $(110)_2 = (4 + 2)_{10} = (6)_{10}$

c) $(1010)_2 = (8 + 2)_{10} = (10)_{10}$

d) $(1100)_2 = (8 + 4)_{10} = (12)_{10}$

e) $(1111)_2 = (8 + 4 + 2 + 1)_{10} = (15)_{10}$

f) $(10001)_2 = (16 + 1)_{10} = (17)_{10}$