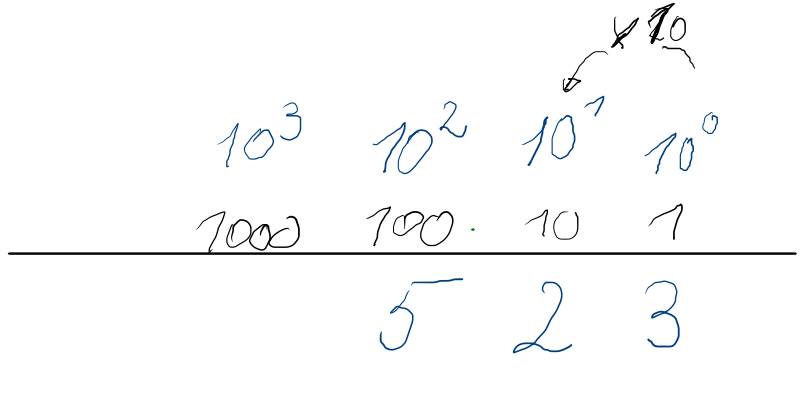
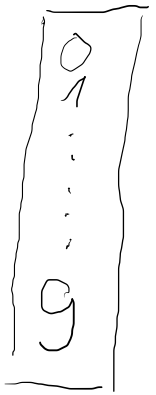
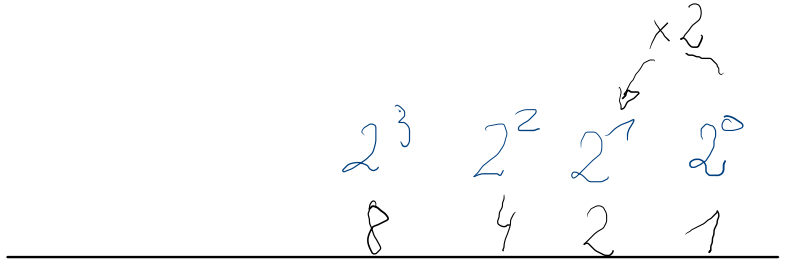
Dezimal





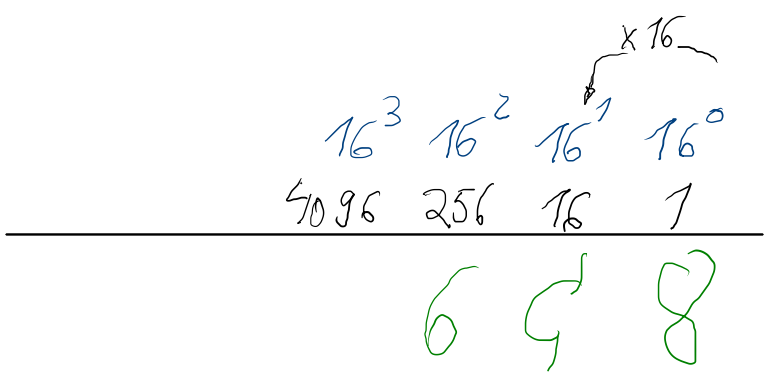
3·1 = 3
2·10 = 20
5·100 = 500
523

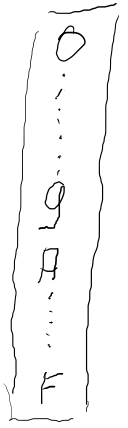
Dual (Binär)



1·1 = 1
0·2 = 0
1·4 = 4
5

Hexadezimal





8·1 = 8
12·16 = 192
6·256 = 1536
1736

$28_{(16)}$
$0x27 = 39_{(10)}$

16 8 4 2 1

1 0 1 1 0 (2)

2
4
16

22

498 (10)

- 256

242
- 128

114
- 64

50
- 32

18
- 16

2

512	256	128	64	32	16	8	4	2	1
0	1	1	1	1	1	0	0	1	0

Horner - Schema

ungekehrt

$58_{(10)} : 2 = 29$ Rest 0

$29 : 2 = 14{,}5$ (×2) 1

$14 : 2 = 7$ 0

$7 : 2 = 3{,}5$ (×2) 1

$3 : 2 = 1{,}5$ (×2) 1

$1 : 2 = 0{,}5$ (×2) 1

111010

normal

1	1	1	0	1	0
+	+	+	+	+	+
0	2	6	14	28	58
(×2)	(×2)	(×2)	(×2)	(×2)	
1	3	7	14	29	58

$1958_{(10)} : 16 = 122,375 \times 16 = 6$

$122 : 16 = 7,625 \times 16 = 10 \Rightarrow A$

$7 : 16 = 0,4375 \times 16 = 7$

$7A6$

7	A	6
+	+	+
0 $\times 16$	112 $\times 16$	1952
7	122	1958

BCD-Code

Binär codierte Dezimalzahl

BCD

3	9	5
0011	1001	0101
512 256 128 64 32 16	8 4 2 1	

Binär

512
256
128
16
4
1

917