

Conversão de binário para decimal

- 1)

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

 $256+128+64 = 448$
- 2)

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

 $64 + 32 + 16 = 112$
- 3)

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

 $256 + 128 = 384$
- 4)

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

 $256 + 16 + 8 + 4 + 2 = 286$
- 5)

8	4	2
1	1	1

 $8 + 4 + 2 = 14$
- 6)

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

 $256 + 128 + 64 + 32 = 480$
- 7)

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

 $256 + 64 + 16 + 4 = 340$
- 8)

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

 $256 = 256$

Conversão de decimal para binário

- 1) 192

256	128	64	32	16	8	4	2
0	1	1	0	0	0	0	0
192	192	64	0	0	0	0	0
- 2) 255

256	128	64	32	16	8	4	2
0	1	1	1	1	1	1	1
255	255	127	63	31	15	7	3
- 3) 23

256	128	64	32	16	8	4	2
0	0	0	0	1	0	1	1
23	23	23	23	23	7	7	3
- 4) 224

256	128	64	32	16	8	4	2
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0	0	0	0	1	0	1	1
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5) 90

256	128	64	32	16	8	4	2
0	0	1	0	1	1	0	1
0	0	90	26	10	2	2	1

6) 254

256	128	64	32	16	8	4	2
0	1	1	1	1	1	1	1
254	254	126	62	30	14	6	2

7) 17

256	128	64	32	16	8	4	2
0	0	0	0	1	0	0	0
17	17	17	17	17	1	1	1

8) 240

256	128	64	32	16	8	4	2
0	1	1	1	1	0	0	0
240	240	112	48	16	0	0	0