


1 = Verdadeiro

0 = Falso


15 & 5 = 5

(15)₁₀



2 ⁴	2 ³	2 ²	2 ¹	2 ⁰
16	8	4	2	1
	1	1	1	1

(5)₁₀



2 ³	2 ²	2 ¹	2 ⁰
8	4	2	1
	1	0	1

1	1	1	1
&	1	0	1
0	1	0	1
	2 ²	2 ¹	2 ⁰
	4	2	1

4 + 1 = 5

$$27 \mid 17 = 27$$

$$(27)_{10}$$



2^5	2^4	2^3	2^2	2^1	2^0
32	16	8	4	2	1
	1	1	0	1	1

$$(17)_{10}$$

2^5	2^4	2^3	2^2	2^1	2^0
32	16	8	4	2	1
	1	0	0	0	1

|

1	1	0	1	1
1	0	0	0	1
1	1	0	1	1
2^4	2^3	2^2	2^1	2^0
16	8	4	2	1

$$16 + 8 + 2 + 1 = 27$$

$15 \wedge 7 = 8$

$(15)_{10}$

2^4	2^3	2^2	2^1	2^0
16	8	4	2	1
	1	1	1	1

$(7)_{10}$

2^3	2^2	2^1	2^0
8	4	2	1
	1	1	1

1	1	1	1
$\wedge 0$	1	1	1
1	0	0	0
2^3	2^2	2^1	2^0
8	4	2	1