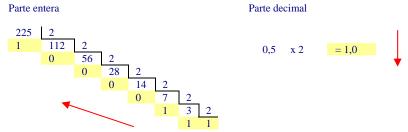
CAMBIO DE BASE

• 225,5₁₀

Decimal a binario:



$225,5_{10}=11100001,1_2$

Decimal a octal:



225,5 10=341,4 8

Decimal a hexadecimal:



• 110101,101₂

Binario a decimal:

									Suma
x 1									
32	16	0	4	0	1	0,5	0	0,125	=53,625

$110101,101_2 = 53,625_{10}$

Binario a octal:

Octal	0	1	2	3	4	5	6	7
Binario	000	001	010	011	100	101	110	111

110101,101₂=65,5₈

Binario a hexadecimal:

Octal	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
Hexadecimal	0	1	2	3	4	5	6	7	8	9	Α	В	C	D	Е	F
Rinario	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111

 $110101,101_2=35,A_{16}$

• $6E, C_{16}$

Hexadecimal a decimal:

16^{1}	16^{0}	16 ⁻¹	Suma
x 6	x 14	x 12	
96	14	0, 75	= 110,75

 $6E,C_{16}=110,75_{10}$

Hexadecimal a binario:

6E,C₁₆=01101110,1100₂

Hexadecimal a octal:

6E,C $_{16}$ =**01101110**,110 $_2$ =**156,6** $_8$

• 74,1₈

Octal a decimal:

8^1	8^{0}	8-1	Suma
x 7	x 4	x 1	
56	4	0,125	=60,125

74.1₈=60,125₁₀

Octal a binario:

74.1₈=**111100,001**₂

Octal a hexadecimal:

Según tabla:

Octal	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
Hexadecimal	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Е	F
Binario	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111

74.1₈=111100,001₂=3C,2₁₆

OPERACIONES

• 1101101,1101₂+1011,0011₂

1	1	1	1	0	0	1	,	0	0	0	02
+			1	0	1	1	,	0	0	1	1_2
1	1	0	1	1	0	1	,	1	1	0	1_2
		1	1	1	1	1		1	1	1	

• 1101101,1101₂+1011,0011₂

_	1	1	0	0	0	1	0	,	1	0	1	02
	-			1	0	1	1	,	0	0	1	1_2
	1	1	0	1	1	0	1	,	1	1	0	1_2
					1					1		

• 101101₂x111₂

• 101101₂:111₂

• AB5C₁₆-FF6₁₆

• 357₈+77₈