

$$100111(2)_{16}$$

$$\text{Resultado: } 27$$

$$1+2+2^2+2^3$$

$$39 \div 16 = 2 \quad r: 7$$

$$1+2+4+32$$

$$2 \div 16 = 0 \quad r: 2$$

$$3+4+32$$

$$7+32=39$$

$$\text{Resultado: } 31$$

$$1110001(2)_{16}$$

$$113 \div 16 = 7 \quad r: 1$$

$$1+2^4+2^5+2^6$$

$$7 \div 16 = 0 \quad r: 7$$

$$1+16+32+64$$

$$17+96=113$$

$$100111(2)$$

$$13$$

$$\frac{1}{2}$$

$$0000 \quad 0$$

$$0001 \quad 1$$

$$0010 \quad 2$$

$$0011 \quad 3$$

$$0100 \quad 4$$

$$0101 \quad 5$$

$$0110 \quad 6$$

$$0111 \quad 7$$

$$a_5 a_4 a_3 a_2 a_1 a_0$$

$$100111$$

$$100111(2)_{16}$$

$$1(2)+1(2)^2+1(2)^5$$

$$M_1 = a_0 + a_1(b) + a_2(b)^2 + \dots + a_{n-1}(b)^{n-1} + a_n(b)^n$$

$$M_1 = 1+2+4+0+0+32 = 39(10)$$

$$M_1 = 16 \sqrt[2]{39} = 39(10) = 27(16)$$

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$$100111$$

$$100111(2)_{16}$$

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$$M_1 = 1+2+4+0+0+32 = 39(10)$$

$$M_1 = 16 \sqrt[2]{39} = 39(10) = 27(16)$$

00100111(2) = 7(16) "1111" = 15(16) = F(16)

000100111

100111(2) = 47(10) = 29(16) = 27

M₃

2⁷ 2⁶ 2⁵ 2⁴ 2³ 2² 2¹ 2⁰

10101111

1 0 1 0 1 1 1 1

2⁷ = 128

B₁₆ (14)

2⁶ = 64

0000 0

2⁵ = 32

0001 1

2⁴ = 16

0010 2

2³ = 8

0011 3

2² = 4

0100 10

2¹ = 2

0101 11

0110 12 (10)

0111 13

1000 20

$$\begin{array}{c} 01110001(2) \rightarrow (16) \\ \hline 7 \quad 1 \end{array}$$

$$01110001(2) = 71(16)$$

$$B_m (4)(6)(8)(10)(12)$$