Wednesday, February 18, 2009 11:40 AM

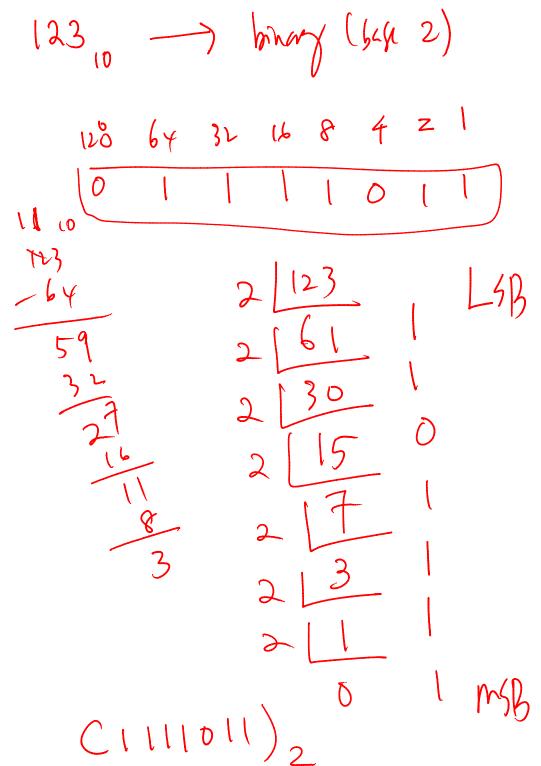
Duinal # = di-dddo

= 1×10+2×10 +3×10,

computal

 $# = b_{n-1} \dots b_1 b_0$ $2^{n-1} 2^1 2^0$

binary (unsigned) = 0(11)00 16



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11:44 AM (01010101)7 (01010101)2 (AD) LL 0 -9 , A,B, (,D, E, F

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$$\left(\mathcal{H}\right)_{\mathcal{L}} \stackrel{?}{=} \left(|0|0|00\right)_{\mathcal{L}} \stackrel{?}{=} \left(255\right)_{\mathcal{E}}$$

$$(173)_8 = 1 \times 8^2 + 7 \times 8^1 + 3 \times 8$$

$$= 64 + 56 + 3 = (123)_{10}$$

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Value of
$$(78)_{16}$$
 in decimal?

$$(78)_{16} = 7 \times 16 + 8 \times 16$$

$$= 112 + 11$$

$$= (123)_{10}$$
Determine decimal value of $(3)_{128}$

$$(3)_{120} (0111011110)_{2} = (478)_{10}$$

$$\frac{128}{384}$$

$$\frac{128}{120} = \frac{148}{120}$$

Friday, February 20, 2009

2:14 PM

decimal addition, 7
+8
15

Binary 0 + 0 + 1 + 0 - 1

 $\frac{+1}{10}$ $(10)_{\lambda}$

