Bases Friday, 6 August 2021 6:07 PM 2's Complement : Signed Integes 2's Complement : \ -3, +5, -103 BCD. Unsigned Integer Den. 100 167 (14)=(20)=(00010100) Range (64) = (100) = (01100180) (A7) = (167) = (10100111) N= Number of mubus Examples: 28 = 256[11111] = (255)

155 $\frac{1}{11111} = (15)$ Stored Integers: msb -128 64 32 16 8 4 2 1 Range: -128-0-+127. 256 一8 一0 一 +7 -128 64 32 16 8 4 2 1 1 1 1 1 1 1 0 Actual Concept. -128 Humans 218 Complement Computers' 2's complement 00000000 -38 11011010 00000101 1111010 Triverse 0000001+ Add1 11111011 1101010 00100101 Inverse 00000001 Inc/Add 1. Binary Coded Decimal (BCD): System Clocks, Currency, For every denary digit here are four 19ts alocated. (54),0 (010100)_{BCD} Currency (DecImal 9n VB)
RCD. G (000000010010011)) IF the number of digits in given denony mouse is "odd" the odd a prefix "O' to it. This is done to complete the ofter 32-91 24:16 BCD 0-9= 10 Dggs 00110010 - 10010001 (0100 1010) BLD

Piùs BLD'

Doesn't enist

Pn BLD Bonord. 15.52 + 39.13 BLD Addition? Uspho BCD. 0001 0101 .01010010 12 (1y). 6, 5, (1) 4 - 6 5 0110 0000000 5 15,52