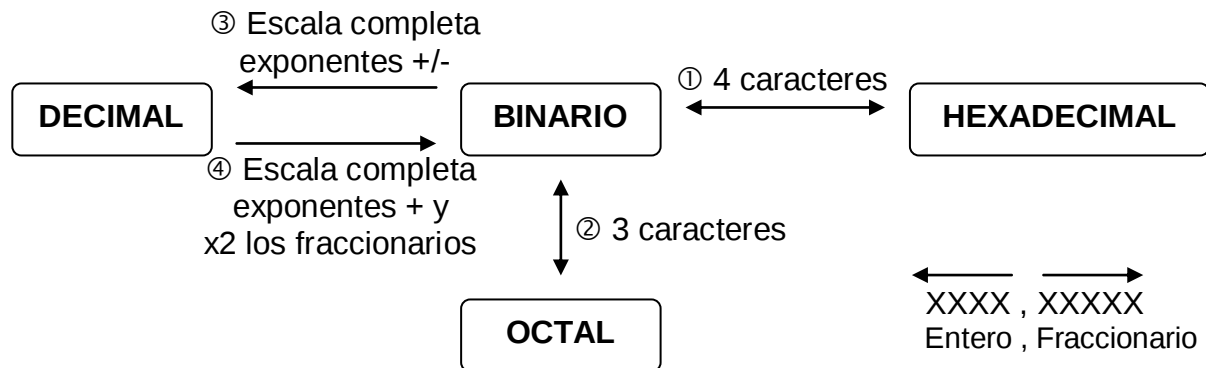




CONVERSIONES



① BIN ↔ HEX

10101110,0111011_B → Hex

1010 1110 , 0111 011 → AE,76_H
A E , 7 6

A E , 7 6_H → Bin
1010 1110 , 0111 011_B

- 100111000,11011_B → Hex
R/. 138,D8_H
- F4A,1B_H → Bin
R/. 111101001010,00011011_B

② BIN ↔ OCT:

110011101,001101_B → Oct

110 011 101, 001 101_B → 635,15_O
6 3 5 , 1 5_O

6 3 5 , 1 5_O → Bin
110 011 101, 001 101_B

- 1001011011,1010_B → Oct
R/. 1133,50_O
- 38,61_O → Bin
37,61_O → Bin
R/. 11111,110001_B

- 100111000,11011_B → Hex
R/. 138,D8_H
- F4A,1B_H → Bin
R/. 111101001010,00011011_B

③ BIN → DEC

10110110,1101_B → Dec

164 64 32 16 8 4 2 1 , 1/2 1/4 1/8 1/16
1 0 1 1 0 1 1 0 , 1 1 0 1_B
164+32+16+4+2+1/2+1/4+1/16 = 182,8125_D

- 10001011,101_B → Dec
R/. 139,625_D
- 11101100,1001_B → Dec
R/. 296,5625_D

④ DEC ↔ BIN

86,75_D → Bin

- 64 32 16 8 4 2 1
1 0 1 0 1 1 0 → Entera
0,75 x 2 = 1,50
0,50 x 2 = 1,0
R/. 1010110,11_B
- 91,12_D → Bin
R/. 1011011,000111_B
 - 146,56_D → Bin
R/. 10010010,10001111_B