

(101), => 1101 = (15)8. 001 101 15 (p) (in 1111 . 1110) 5 =) 2048 + 1024 +512 +256 the +64+32+16 +6 = (4094) g. (c) (22 12 01) 2 -> ()10 3 2 3 3 3 3 3 2187 -719 243 41 27 9 3 1 2 2 1 2 0 1 = (694),0, (2 3 1) 8 = (1001 1001) 2.

$$(231)_8 = (1001 1001)_2$$

$$(8^{2} \times 1) + (8^{2} \times 4) + (8^{1} \times 0) + (8^{2} \times 0) = (3640)_{10}$$

$$= 2006 \times 1004 + 512 + 256 = (4400)_{8}$$

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$$= 2006 \times 1004 + 256 \times 1004$$

$$= 2006 \times 100$$

(7)

a)(5610) -> 10

(b) · (5 (10) => (2) 2002(0) 3

(\$610) = (12752) 8

(5610)10 =) (1500)16

(2110)10=) (1010 11001011110)2

(12110)10=) (1010 022220)3.

((22110) (53136) P

(i) (21110)10=) (53136) 4

(22116)10) (565e)16.

A Ssignment

@ 9HL

1001-9 1000-12

6 40+31

10000 - 40 101000 - 40

() 1110 + 0101

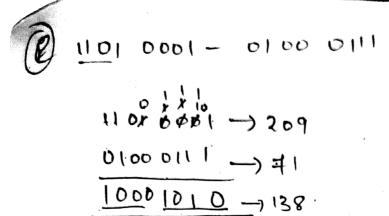
> 1110 -> 14 0101-> 5

6011 1110 + 1010 1111.

0111 1100

01110001->369.

(1000011 + 0101 1110 11000011 -> 195 01011110-> 94 100100001-> 289 **(b)** 17-11 23-7 00011177 010010-)18 86-31 0001 0010111 10001 00011111 00110111



10010

DIII 4 0010



@ 15/2

10) 1111 (F

(b) 45/5

101) 1011 01 (100)

C) 121/14

1110) 111 1 001 (1001 1110 000 (1001) 1110

1110 0 1110 0 1110 × 11

10 2 11

2) 15 (2

ASSignment

32 16 8 420

646x2= 1:52 0'52×2=1'04

0 0.04 x 2 = 0.08

1 00010:01010110.

125. 125

1111101.001.

(c) 10.16

The largest positive no Predecimal

By applying 2's complement code.

1111 1111 1111 0000 0000 0000 0000 +1 25 -) 1'S +1

(14) CODE 17HS 2022?

C = 60.0100001 D = 01001111 D = 01000100 E = 01000101 I = 01010100 H = 01601000 S = 01010000 11 = 01010000

2 = 0011 0000

0 = 00110000 2 = 00110010 2 = 00110010.

Complete Jeanne y 8 bit Balteris,

11111 => 35

35 is bigseur bruary 9 5 bits.

(6) In her 2Bf (+54A).

2 B+ C 19 = 13

+ 5447 26= 1A

8 043 16 = 10

· hex number ABC of to Bring. 17

a = 1000

b = 1011

c = 1100

- 4 - 611 1

1010 1011 1100 0111

4 135

c 1.1111 = 1+ 1/2+ 1/4+1/9+1/16=3/4

21 Decimal expania 3/11 vis 0.2727. tun

pind. 3/11

0.2727 × 2 = 0.5454 0

0.5454×2 = 1.0908 1

0.906 × 2 = 0.1616 0

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0.906 × 2 = 0.3632 0

-...(3/13 = (0.100 --...))2

2023,04,0