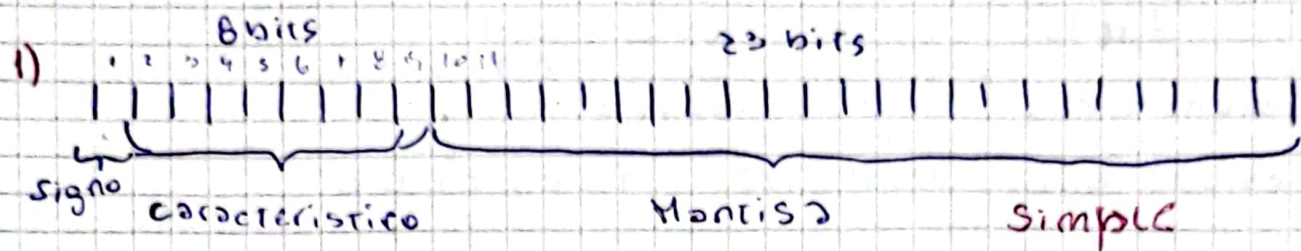
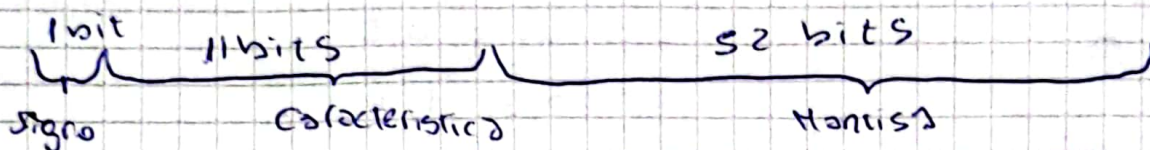


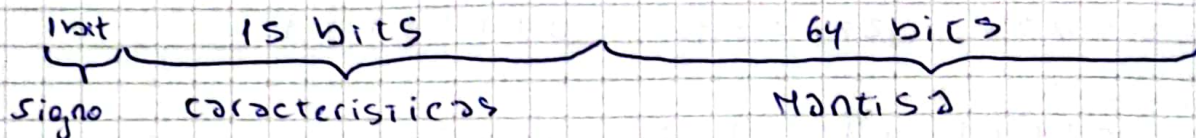
Tercero



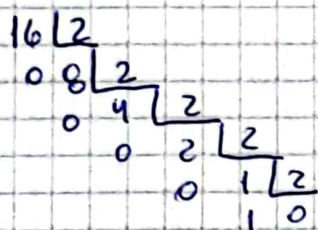
Doble



Extendido



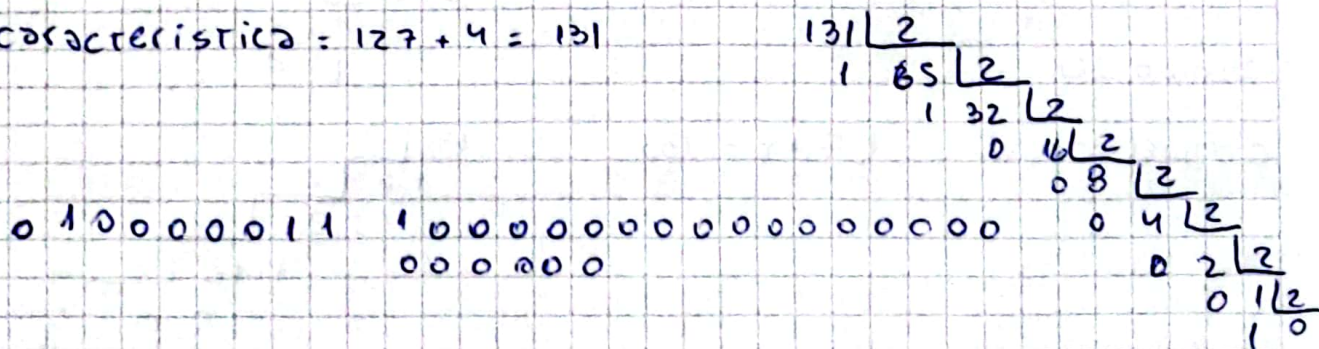
2)



1.0000
1.10¹⁰¹

Signo = 0

Característica = 127 + 4 = 131



$$b) -3,05$$
$$11, \overbrace{000011}$$

1,1010'

$$\text{sign} = 1$$
$$005 \times 2 = 1,00$$
$$0,1 \times 2 = 0,2$$
$$0,2 \times 2 = 0,4$$
$$0,4 \times 2 = 0,8$$
$$0,8 \times 2 = 1,6$$
$$0,6 \times 2 = 1,2$$

characteristics = 127+1 = 128 1 0 0 0 0 0 0 0

1 10000000 10000110011001100110011

$$Cl_{+1,25}$$

1,01

$$0,25 \times 2 = 0,5$$
$$0,5 \times 2 = 1,0$$
$$\text{sign } 0 = 0$$

characteristics = $127 + 0 = 127$ 0 1 1 1 1 1 1 1

[illegible]

d) + 256

$$1 \cdot 10^{1000}$$

256 | 2
0 128 | 2
0 64 | 2
0 32 | 2
0 16 | 2
0 8 | 2
0 4 | 2
0 2 | 2
0 1 | 2
0

$$\text{Sig } \Lambda_0 = 0$$

characteristics = $127 + 8 = 135$

Handwritten binary division of 135 by 2 on grid paper. The division proceeds from left to right, with 135 being converted to binary (10001001) and then divided by 2, resulting in 67 (1000011). The quotient 67 is written below the dividend, and the remainder 1 is written at the bottom right.

$0\ 1\ 0\ 0\ 0\ 0\ 1\ 1\ 1\quad 1\ 1\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0$

e) 0,0625

$$0,0625 \times 2 = 0,125$$

$$0,125 \times 2 = 0,25$$

$$0,25 \times 2 = 0,5$$

$$0,5 \times 2 = 1,0$$

$$1 \cdot 10^{-401}$$

Signo : 0

characteristics = $127 - 4 = 123$

$$\begin{array}{r}
 123 \overline{) 2} \\
 \underline{161} \overline{) 2} \\
 \underline{130} \overline{) 2} \\
 \underline{015} \overline{) 2} \\
 \underline{17} \overline{) 2} \\
 \underline{13} \overline{) 2} \\
 \underline{11} \overline{) 2} \\
 \underline{10}
 \end{array}$$

0 0 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

F) -10

$$10_{(10)} = 1010_{(2)}$$

$$\text{Signo} = 1$$

Correlation: $127.3 = 130$

10000010

$1\ 10000010\ 101000000000000000$

3) 31 418 000 00

00	00000000
00	00000000
80	10000000
41	01000001

b) €0 433333

33	0011	0011
33	0011	0011
43	0101	0011
C0	1100	0000

c) 3FA 00000

00	0000	0000
00	0000	0000
A0	1010	0000
3F	0011	1111

b) 00 00 D0 3E

00 11 1101 0000 0000 0000 0000
 64 32 16 8 4 2 1

$$1.1101 \cdot 10^{-2}$$

$$1.01101 \rightarrow 0,40625$$

0001101

$$0.0101 = \frac{1}{2^2} + \frac{1}{2^4} = \frac{1}{4} + \frac{1}{16} = \frac{4}{16} + \frac{1}{16} = \frac{5}{16} = 0,3125$$

c) 7F80 00 00

0 1111111 000000 000000 000000 000000

Esto es infinito porque así es el estándar por eso tiene tiempo de sobra

10) con cantidad de 0 sería $n-1 = 125$

11) 00 00 B0 40

0 1001010 000000 000000 000000 000000
 128 64 32 16 8 4 2 1

0 100 0,0001 011 0000 0000 0000 0000

$$0,11 \cdot 10^{10} = 11_{(2)} = 2_{(10)} \rightarrow \text{Desaprobado}$$

12) CO VO OO OO

1 100 00000 00 00000000 00000000000000000000

128

$$128 - 127 = 1$$

$$1 \cdot 10^{+1} = 10(2) \rightarrow$$

$-2 = \frac{2}{2}$ en el subgrupo