ALEXANDRE MUSSAK
20/09/21

a)

```
147 |2
146  73 |2
 1   72  36 |2
      1   0  18 |2
          0   9 |2
              8   4 |2
              1   0   2 |2
                      0   1
```

— e

b)

```
189 |2
188  94 |2
 1   0  47 |2
         46  23 |2
          1  22  11 |2
              1  10   5 |2
                  1   4   2 |2
                      1   0   1
```

— d

c)

```
191 |2
190  95 |2
 1   94  47 |2
      1   46  23 |2
       1   22  11 |2
            1   5   2 |2
                4   0   1
                1
```

— c

d) 247 |2
246 123|2
—1 122 61|2
   1 60 30|2   — b
      1 0 15|2
         1 7|2
           1 3|2
             1 1

e) 219|2
   1 109|2
      1 54|2
         0 27|2   — c
            1 13|2
               1 6|2
                  0 3|2
                     1 1

binario p/ decimal

	512	256	128	64	32	16	8	4	2	1	
6-			0	0	1	1	1	1	0	1	= 61 - b
7-			0	1	1	0	0	1	0	1	= 101 - a
8-			0	1	1	1	1	0	1	1	= 123 - c
9-		1	1	1	0	1	0	1	0		= 234 - a
10-		1	1	0	1	1	1	1	0		= 222 - d

ALEXANDRE
MUSSAR
20/09/21

15 F
14 E
13 D
12 C
11 B

11 - 247 | 16
⑦ 15 | 16   - b
      Ⓕ

12 - 291 | 16   - a
      3   18 | 16
          2 1

13 - 193 | 16
      ① 12 | - e
          Ⓒ

14 - 237 | 16
      13 14 | - b
      Ⓓ   Ⓔ

15 - 171 | 16
      11 10 | - c
      Ⓑ   Ⓐ

HEXA P/ DECIMAL

16 - 9 A (-d)
      └→ 16⁰ = 10
      └→ 16¹ = 144
              ‾‾‾‾
               154

17 - C A -ⓒ
      └→ 10
      └→ 192
         ‾‾‾‾
          202

ALEXANDRE MUSSAK   20/09/21

18) E5 - A
   └ 5
      └ 224
        229

19) FA - B
   └ 10
      └ 240
        250

20) 7F - D
   └ 15
      └ 112
        127

Hexa p/ BINARIO

21 - 9F

(a)

8	4	2	1
1	0	0	1
1	1	1	1

22 - C2

(d)

8	4	2	1
1	1	0	0
0	0	1	0

binario p/ hexa

23 - 0111 1111 (B)
     0421 8421
       7   15(F)

24 0001 1111 (c)
    0001 8421
     (1) 15(F)

25 1000 1100 (A)
     8   12 (c)