Práticas 5.0

1-

1 2 4 8 16 | 32

a) P
↓
4

b) f d
↓ ↓
5 4

c)

.129

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

p d

↓

8 -> 25 na tabela

↓

16 8 4 2 1 + 8 4 2 1
1 1 0 0 1 + 0 0 0 1
256 128 64 32 16 └> concatena

$$
\begin{array}{r}
256 \\
+\ 128 \\
16 \\
1 \\
\hline
401
\end{array}
$$

• 57
32   32 16 8 4 2 1
25 0 0 1 1 | 1 0 0 1

3
↓
0001 + 1001
16 8 1

25 //

• 23
16   16 | 8 4 2 1
7   1 | 0 1 1 1
→ 7
0111 + 0111
119 //

• 191
128
063

128 64 32 16 | 8 4 2 1
1 0 1 1 | 1 1 1 1
p   d

11 → 2
10 1111
32 8 4 2 1
47

93
-64
29
16
13
8

64 32 16 | 8 4 2 1
1 0 1 | 1 1 0 1
p   d
↓
5 ⇒ 18
↓
10010 | 1101
2560 0 32 0 | 8 4 0 1
260 4 0 1
301 //

• $93_{10} = 0101\ 1101_2$

P D

↳ 5 = 15F

100101101_2

301_{10}

• $137_{10} = 1000\ 1001_2$

P D

↳ 25F

$1100\ 1001_2$

409_{10}

• $29_{10} = 0001\ 1101$

P D

↳ 7F

00111101_2

125_{10}

$12_{10} = 0000\ 1100_2$

P D

↳ 23F

10111100_2

380_{10}

• $46 = 0010\ 1110_2$

P→0F D

00001110_2

14_{10}

• $20 = 0001\ 0100$

P 7F D

011101000_2

232_{10}

• $150 = 1001\ 0110$

P D

F = 14

11101110_2

230_{10}

• $20_{10} = 0001\ 0100$

P D

↳ F = 7

001110100_2

116_{10}

2 - a) P1 = 2 bits
P2 = 2 bits
d = 4 bits

b) F = 14 "

• 27

				16	8	4	2	1
0	0	0	1		1	0	1	1

P1 → 1

P2 → 8

d

8 2 1
10 1 1

128
1000 + 1011

139 //

• 202
128
074

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

P1 → 2

P2 → 15

d

128 64 32 16 8 2 1
1 1 1 1 1 0 1 0

130 + 80 + 40

250

• 190
128
62

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

P1 P2

1 1

0 2

8 4 2
32 1 1 1 0

46

• 15

00 00 1111

P1 P2

1 11

1011 1111

128 32 16 15

128+63

191

116 64 | 32 16 | 8 4 2 1
64 0 1 | 1 1 | 0 1 0 1

P1 P2

3 5

10101001 = 84

64 16 4

• 116 = 01 11 0 100
P1 P2 D
↓ ↓
1 3

f = 5 0101 0100 = 84

• 162 = 1010 0010
P1 P2 D
2 2

f = 10 10100010 = 162 //

• 29 00 011101
P1 P2

f = 8 1000 1101 = 141
145 //

12 00 00 1100
P1 P2

f = 11 = 10111100 = 188 //

47 - 00 10 1111
P1 P2

f = 4 - 0100 1111 =
79 //

• 5 = 00 00 0111
P1 P2

f = 11 10 11 0111 = 181 //

• 132 1000 0100
P1 P2 D

f = 9 1001 0100 = 148 //

3 MAx 4 P

P com 16 Paginas

Cada PG com 8 end

32 16 8 4 2 1

510

4 - 2

P - 4

d - 3

f - 6

a) Pred = 2.

P = 4.

d = 3.

b) f = 6

c)

• 431

256 128 64 32 16 8 4 2 1

1 1

PID

0 1 0 1 1 1 1

P : d

f = 32 100 000 111 263 //

510 = 11 1111 110

PID P 0

f = 59 1110 1110 f78 //

• 152 - 01 0011 000
PID P D

f = 57
111001000 =
456

• 235 - 01 1101 011
PID P D

f = 10 001010011 =
83

• 316 11 0111 011
PID P d

f = 29 11101011 =
235 //

• 92 = 00 1011 100
P PID D

f = 53
110101100 428

• 2 00 0000 010
PID P D

f = 16 100 000 010 =
130

• 51 - 00 0110 011
PID P d

f = 50 110010011
403

• 389 - 11 0000 101
PID P D

f = 39 100010101

100111100

317 //