3)

$$8 \quad 24 \quad 18 \quad 15 \ \Big|\ 6 \quad 8 \quad 1 \quad 7 \ \Big|\ 3 \quad 9$$

$$\boxed{16} - 13 - 15 - 14 - 5 \ \Big|\ 6 \quad 7 \quad 3 \quad 1 \ \Big|\ 3 \quad 9$$

---

1)

$\boxed{0} - \big(12\big)$

$\boxed{1} - \big(9^x\big)$ *Substitui*

LR

$\boxed{2} - \cancel{26} - \big(6^x\big) - \big(33\big)^D - \big(26\big)$

$\boxed{3} - \big(7\big)$

$\boxed{FC}$

5)

Proc	t
A	8
B	7
C	2
D	4

Fila: ~~B~~ → ~~A~~ → ~~C~~ → ~~D~~

   ↳ realiza E/S após 2 ut, leva
      4 ut p/ completar

Round robin 3 ut

E/S ... E/S ... E/S

B	A	C	D	B	A	D	B
2	3	2✓	3	2	3	1	2

↑
resultado E/S

↑
r e/s

A ... B

A	B
2✓	1✓

↑
r E/S
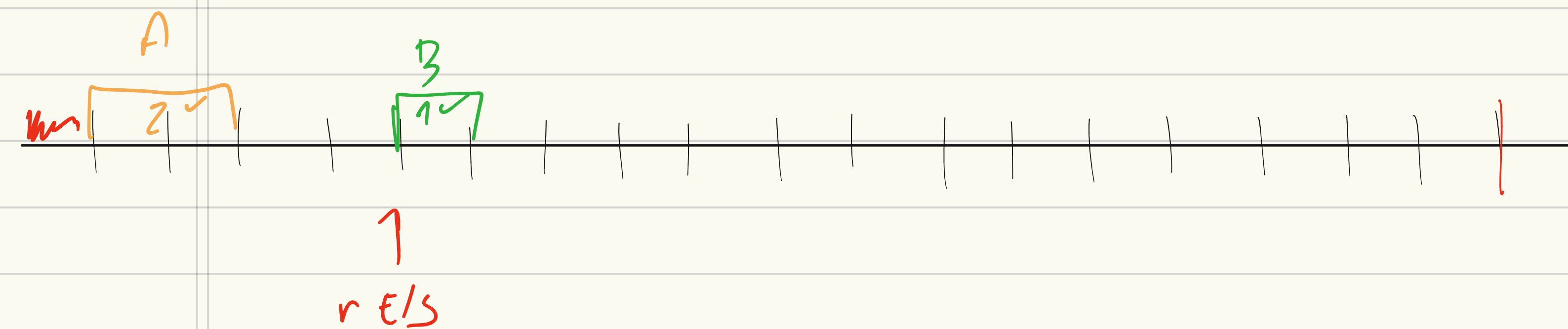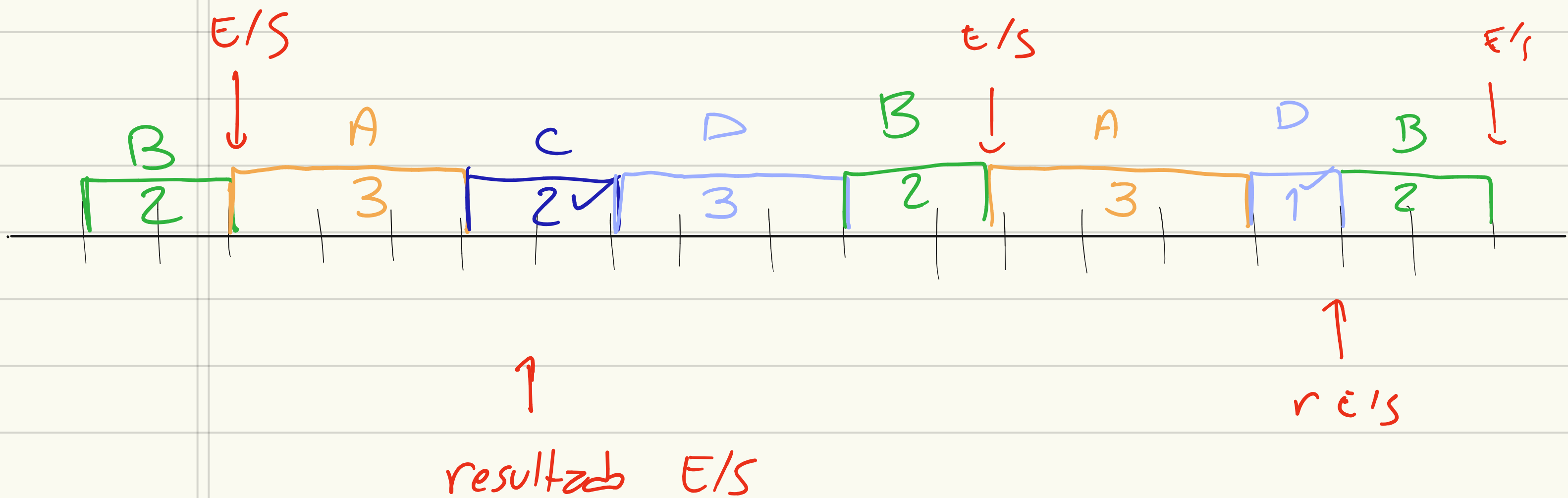
2) 1 moldura → 256 int's
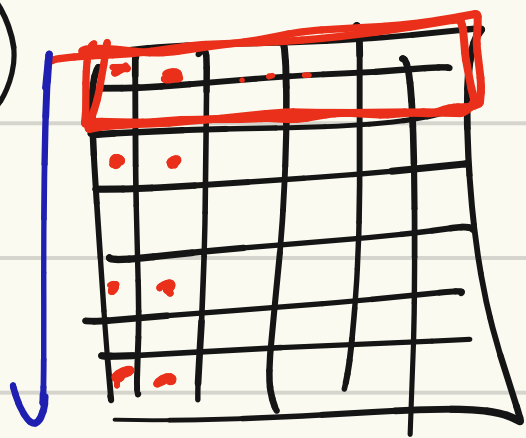
→ guarda 2 linhas de uma

matriz 128 × 128

Ⓐ
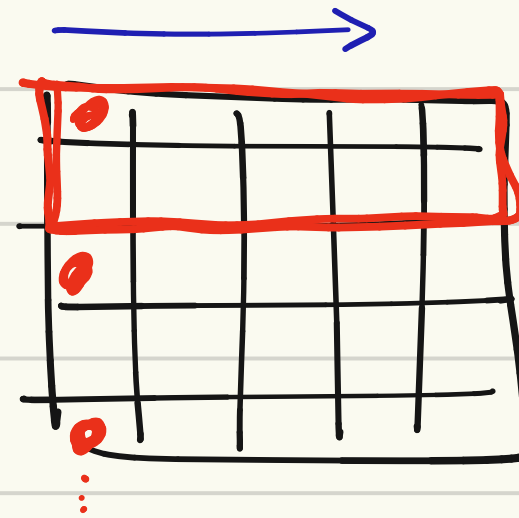
Vai ocorrer fault a cada 2
     linhas.
128 linhas → 64 faults.

Ⓑ

Vai ocorrer fault a cada
2 iterações do laço
inteiro

128 × 64

④

$8 \cdot 1024$ B (bloco)

32 bits p end.

Disco $2 \cdot 1024 \cdot 1024 \cdot 1024$ B

$$\frac{entradas}{bloco} = \frac{8 \cdot 1024 \cdot 8}{32} = 2048$$

→ 2047 blocos livres

crypt file ( )

    size = 10

    plain
    Cypher

    →Abre arquivos
       fopen ("nome arquivo", "r/w)

             arquivo acabou ?
           | 1. lê
           | 2. cripta
           | 3. escreve

         while (! feof (input))
         | fread (plain, sizeof (char), 10, input)
         | crypt (plain, 10, Key, cypher)
         | fwrite (cypher, sizeof(char), 10, output)

    —> fechar arqos