1170
0 | 585
    1 | 292
        0 | 146
            0 | 73
                1 | 36
                    0 | 18
                        0 | 9
                            1 | 4
                                0 | 2
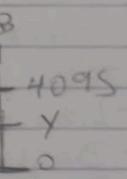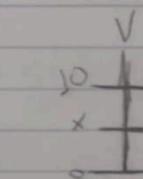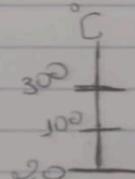   0 2

3.75 = 0100 10010

280

Resolução do b)

$K = \dfrac{5}{2^n - 1}$

2,442 mA

$\dfrac{300 - 20}{100 - 20} = \dfrac{10 - 0}{x - 0}$

$\dfrac{280}{80} \times \dfrac{10}{x}$

$\dfrac{3,5}{1} = \dfrac{10}{x}$

$3,5x = 10$

$x = \dfrac{10}{35}$

$280 x = 800$

$x = \dfrac{800}{280}$

$x = 2,85 V$

°C
300
100
20

V
10
x ──── 2,85 V
0

B
4095
y
0

$\dfrac{4095}{10} = \dfrac{280}{y}$
$\dfrac{280}{80}$

$280 y = 327.600$

$y = 1170$