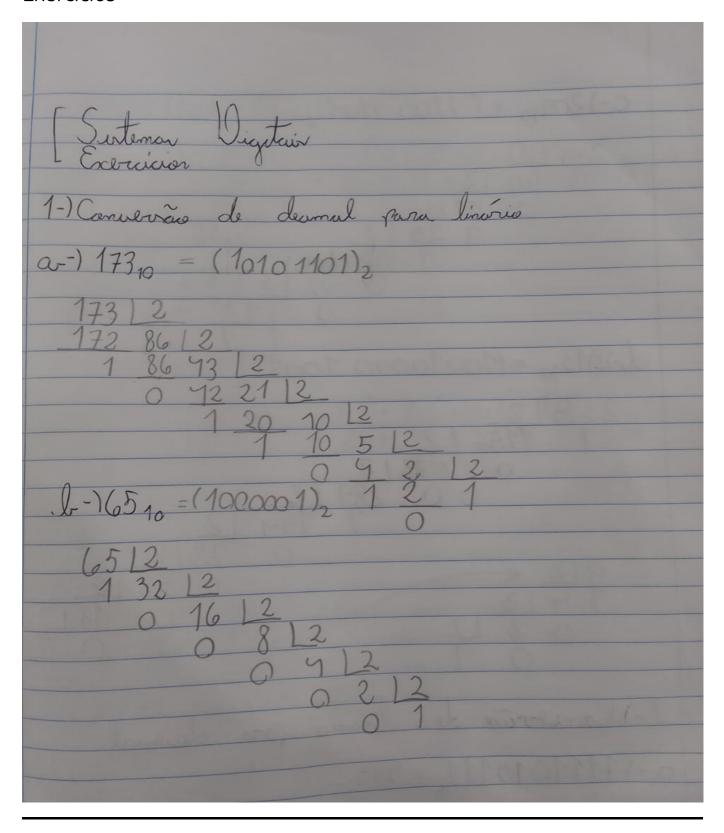
Sistemas Digitais - Exercícios de Conversão

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Exercícios



T. 11 At A
C-)20540 = (1100 1101)2
20512
7 102 13
0 51 12
7 72 13
0 6 2 3 12
4
d-131320 = (10010000 1001)2
2313 2
2313 2 1156 2
0 57812
0 289 12
0 7212
912 (0 3612
1412 0 1812
0212
2-) Camebrata de Invisio para decimal
a-111110101112 = 98320
1.29 + 1.28 + 1.27 + 1.20 + 0.25 , 1 24 , 3.
1.22 + 1.2 + 1.2 = 512 + 256 + 128 . (9+11-4
$\frac{1 \cdot 2^{9} + 1 \cdot 2^{8} + 1 \cdot 2^{7} + 1 \cdot 2^{6} + 0 \cdot 2^{5} + 1 \cdot 2^{9} + 0 \cdot 2^{3} + 1 \cdot 2^{2} + 1 \cdot 2^{1} + 1 $

Ir) 1000 11012 = 19 120	
$\frac{1 \cdot 2^{7} + 0 \cdot 2^{6} + 0 \cdot 2^{5} + 0 \cdot 2^{5} + 0 \cdot 2^{4} + 1 \cdot 2^{5} + 1 \cdot 2^{2} + 0 \cdot 2^{1} + 1 \cdot 2^{0}}{128 + 8 + 9 + 1 + 1 = 141}$	I
C-) 10162 = 22,0	1
$\frac{1 \cdot 2' + 0 \cdot 2^{3} + 1 \cdot 2^{2} + 1 \cdot 2^{1} + 0 \cdot 2}{16 + 9 + 9 + 2} = 22$	1
d) 101011012=17510	
$\frac{1.2^{7}+0.2^{7}+1.2^{5}+0.2^{9}+1.2^{3}+1.2^{7}+0.2^{7}+1.2^{9}}{128+32+48+9+1=177}$	