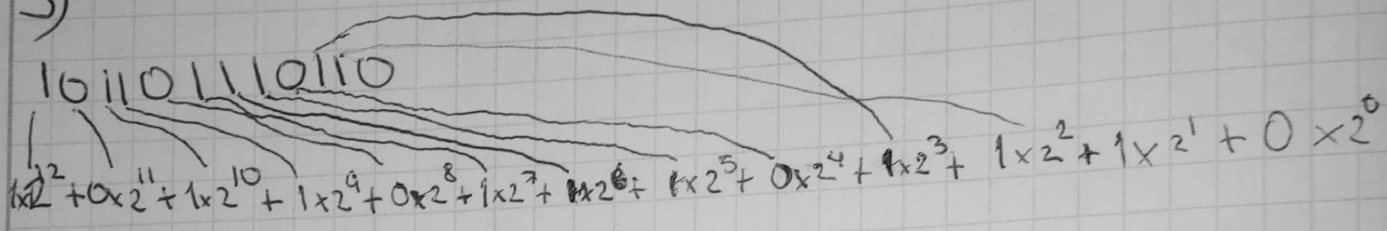
2)

756	2							
1	378	2						
15	17	189	2					
16	18	09	94	2				
0	0	1	14	47	2			
			0	07	23	2		
				1	03	11	2	
					1	1	5	2
						1	2	2
							0	1

Residuo

001011110

3)



1011	0111	0110
B	7	6

B76

5) 1A0

$16^3\ 16^2\ 16^1\ 16^0$

1 9 F

$(256 \times 1) + (16 \times 9) + (1 \times 15) = 415$ decimal es 416

416	16	
0	26	16
	10	1
0	A	1 = 1A0

siguiente numero hexadecimal

Decimal	Hexadecimal	octal	binario
0	0	0	0
1	1	1	1
2	2	2	10
3	3	3	11
4	4	4	100
5	5	5	101
6	6	6	110
7	7	7	110
8	8	10	1000
9	9	11	1001
10	A	12	1010
11	B	13	1011
12	C	14	1100
13	D	15	1101
14	E	16	1110
15	F	17	1111
16	10	20	10000
17	11	21	10001
18	12	22	10010
19	13	23	10011
20	14	24	10100
21	15	25	10101
22	16	26	10110
23	17	27	10111
24	18	30	11000
25	19	31	11001
26	1A	32	11010
27	1B	33	11011
28	1C	34	11100
29	1D	35	11101
30	1E	36	11110
31	1F	37	11111
32	20	40	100000

1)

Ascii	decimal	Binario
M	77	1001101
i	105	1101001
c	99	1100011
h	104	1101000
e	101	1100101
l	108	1101100
E	69	1000101
g	103	1100111
i	105	1101001
d	108	1101100
i	109	1101101
o	97	1100001
r	114	1110010
T	84	1010100
e	101	1100101
r	114	1110010
e	97	1100001
s	110	1101110
J	74	1001010
i	105	1101001
m	109	1101101
e	101	1100101
n	110	1101110
e	101	1100101
z	122	1111011