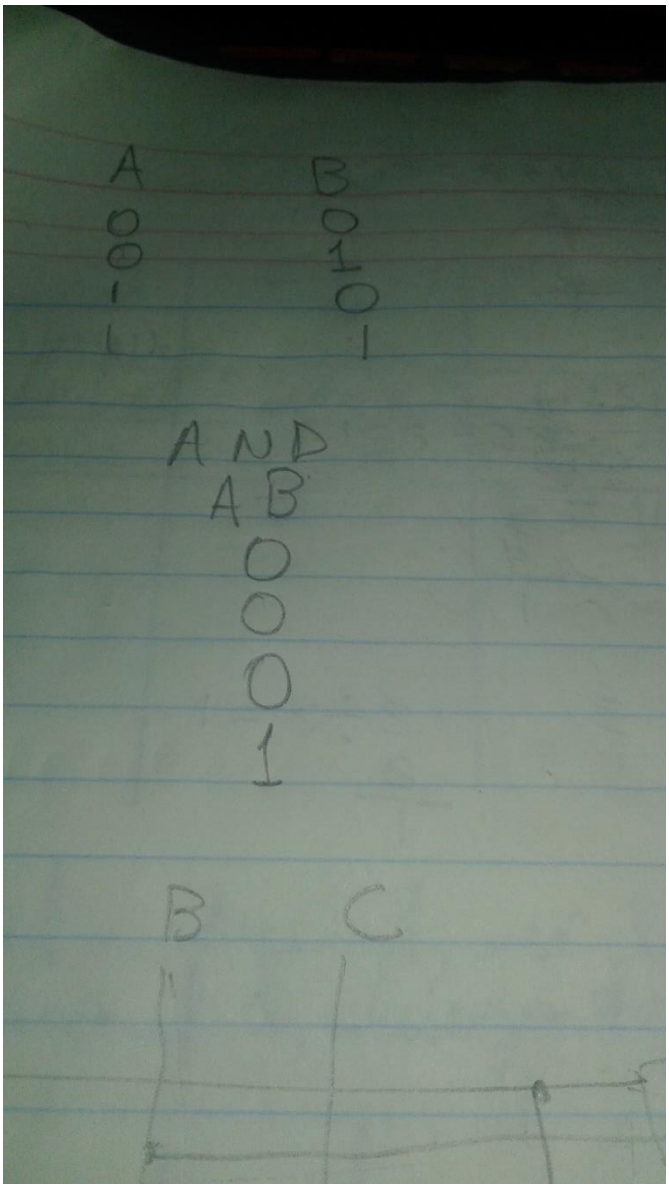
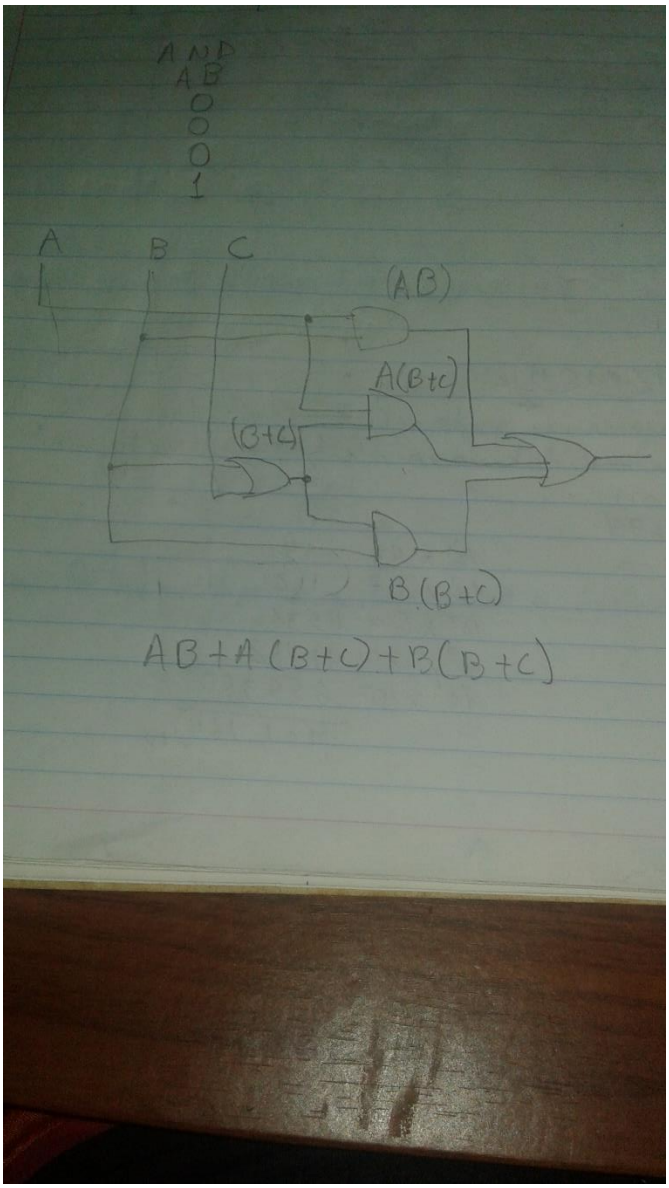
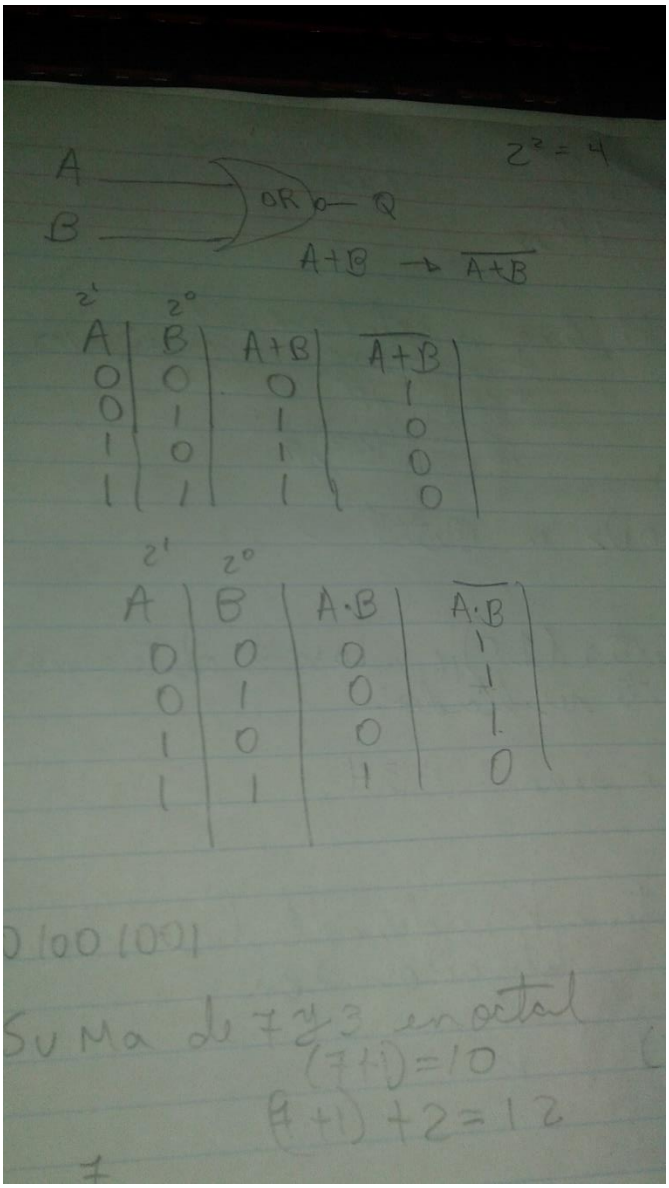
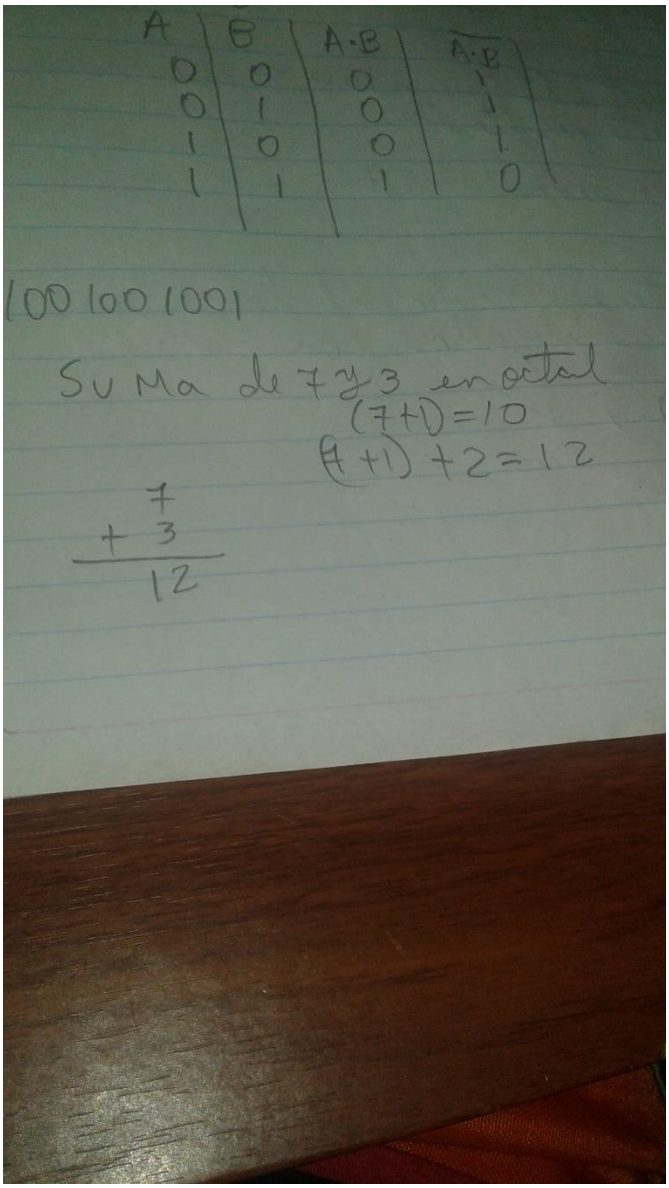

A
0
0
1
1
B
0
1
0
1
AND
A B
0
0
0
1
B
C


AND
A B
0 0
0 1
A
B
C
(AB)
A(B+C)
(B+C)
B(B+C)
AB+A(B+C)+B(B+C)


A
B
OR
Q
$2^2 = 4$
A+B → $\overline{A+B}$
2^1 2^0
A | B | A+B | $\overline{A+B}$
0 0 0 1
0 1 1 0
1 0 1 0
1 1 1 0
2^1 2^0
A | B | A·B | $\overline{A·B}$
0 0 0 1
0 1 0 1
1 0 0 1
1 1 1 0
0 100 1001
Suma de 7 y 3 en octal
(7+1)=10
(7+1)+2=12
7



A	B	A·B	$\overline{A \cdot B}$
0	0	0	1
0	1	0	1
1	0	0	1
1	1	1	0

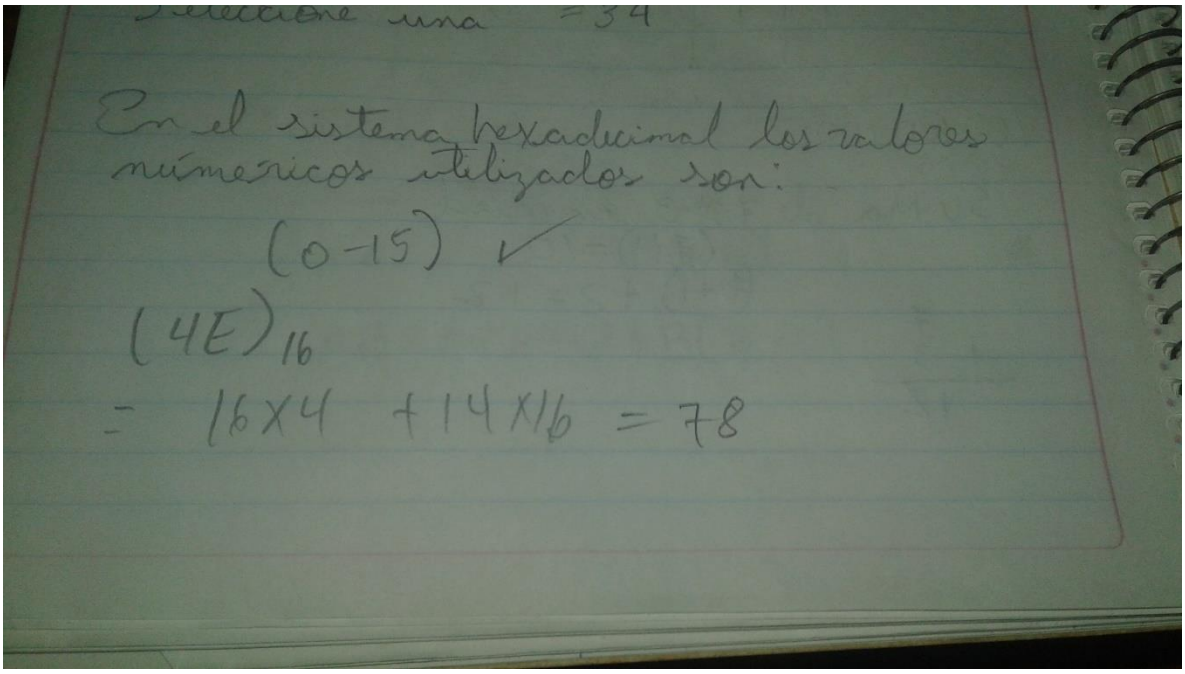
100 100 1001

Suma de 7 y 3 en octal

(7+1)=10

(1+1) +2=12

$$\begin{array}{r} 7 \\ +\ 3 \\ \hline 12 \end{array}$$

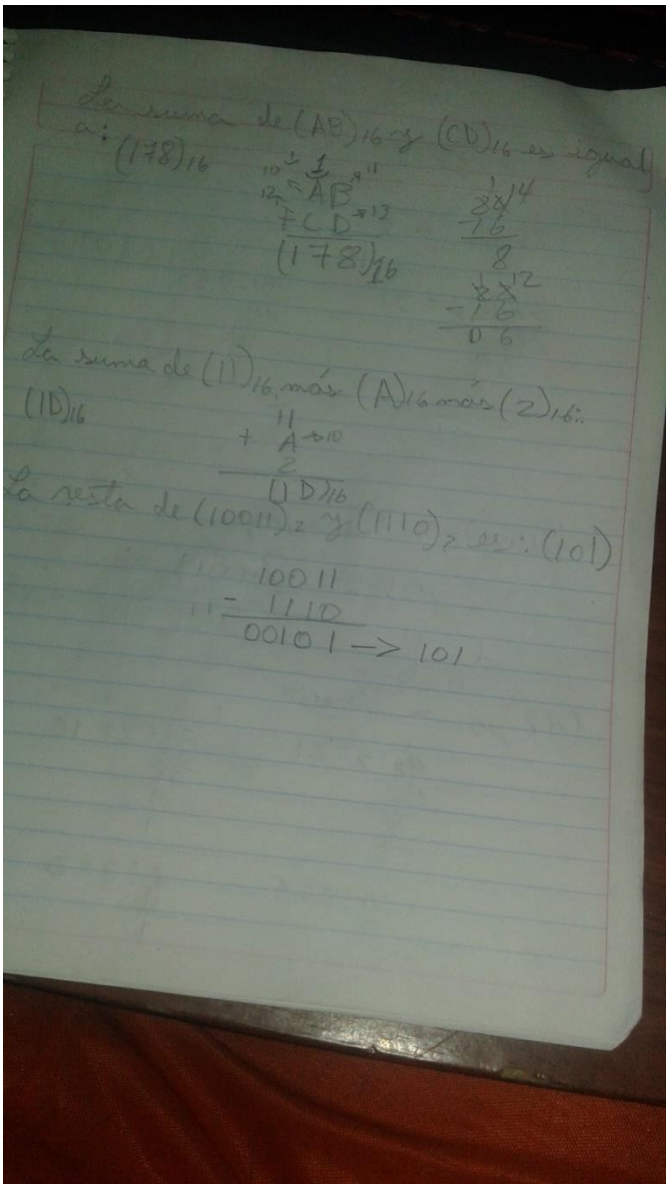

Seleccione una =34

En el sistema hexadecimal los valores numéricos utilizados son:

(0-15) ✓

$(4E)_{16}$

= 16X4 + 14X16 = 78



La suma de $(AB)_{16}$ y $(CD)_{16}$ es igual a: $(178)_{16}$

$10 = A$, $11 = B$, $12 = C$, $13 = D$

$$\begin{array}{r} AB \\ +\ CD \\ \hline (178)_{16} \end{array}$$

$$\begin{array}{r} 14 \\ 16 \overline{)\ 238} \\ -\ 16 \\ \hline 78 \\ -\ 76 \\ \hline 2 \end{array} \qquad \begin{array}{r} 12 \\ 16 \overline{)\ 198} \\ -\ 16 \\ \hline 38 \\ -\ 32 \\ \hline 6 \end{array}$$

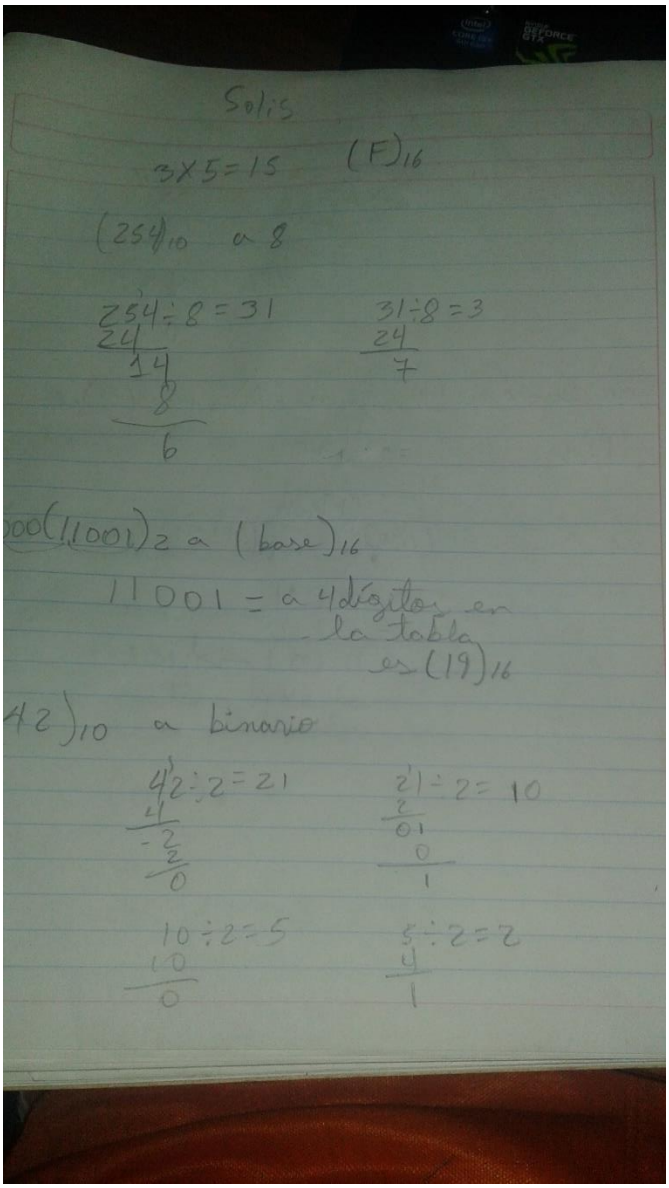
La suma de $(11)_{16}$ más $(A)_{16}$ más $(2)_{16}$:

$(1D)_{16}$

$$\begin{array}{r} 11 \\ +\ A \to 10 \\ \hline 2 \\ \hline (1D)_{16} \end{array}$$

La resta de $(10011)_2$ y $(1110)_2$ es: (101)

$$\begin{array}{r} 10011 \\ -\ 1110 \\ \hline 00101 \end{array} \longrightarrow 101$$



Solis

$3 \times 5 = 15 \quad (F)_{16}$

$(254)_{10}$ a 8

$254 \div 8 = 31$ (24, 14, 8, 6)

$31 \div 8 = 3$ (24, 7)

...00$(11001)_2$ a $(\text{base})_{16}$

11001 = a 4 dígitos en la tabla es $(19)_{16}$

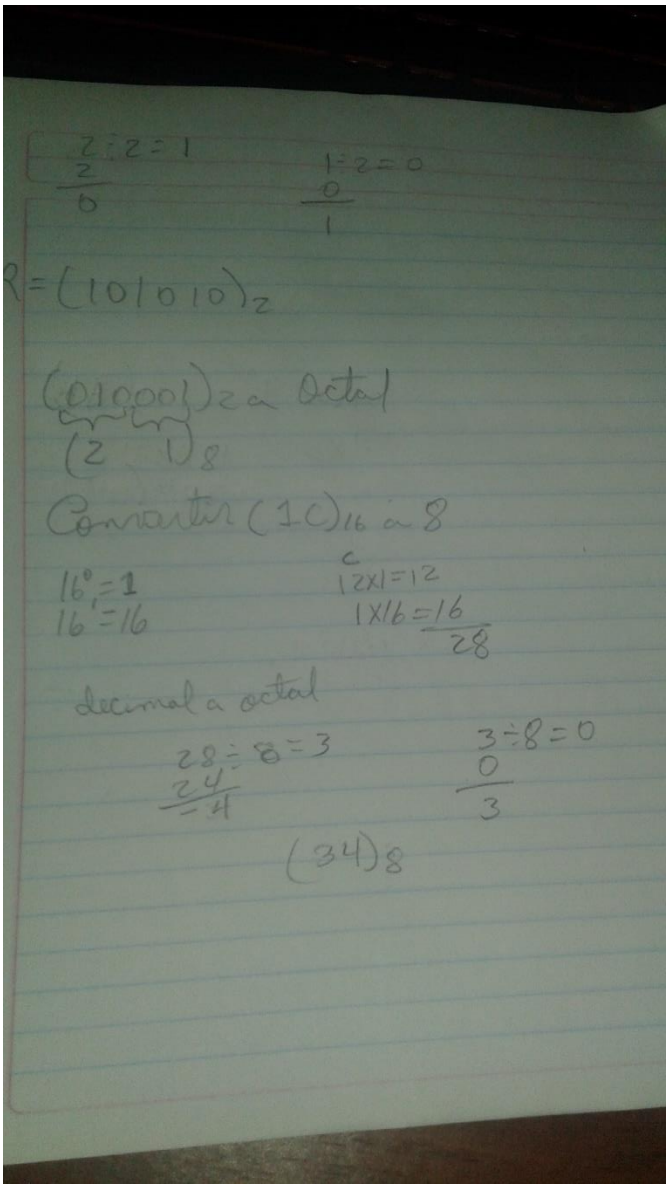
...42$)_{10}$ a binario

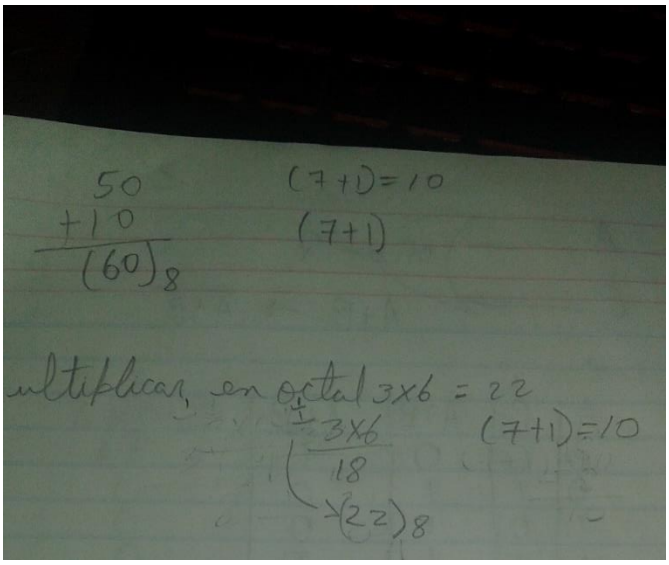
$42 \div 2 = 21$ (4, 2, 0)

$21 \div 2 = 10$ (2, 01, 0, 1)

$10 \div 2 = 5$ (10, 0)

$5 \div 2 = 2$ (4, 1)


2÷2=1
2
0
1÷2=0
0
1
=(101010)2
(010000)2 a Octal
(2 0)8
Convertir (1C)16 a 8
16°=1
16=16
C
12x1=12
1x16=16
28
decimal a octal
28÷8=3
24
=4
3÷8=0
0
3
(34)8


50
+10
(60)8
(7+1)=10
(7+1)
ultiplicar, en octal 3x6 = 22
3X6
18
→(22)8
(7+1)=10