

# LISTA IV.

a)  $11101011_2 + 1101111_2 = 101011010_2$

+ 1101111

101011010

b)  $11101011_2 + 10110101_2 = 110100000_2$

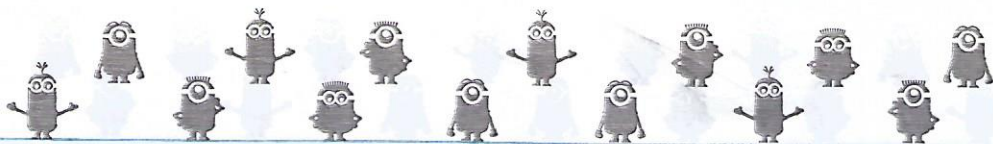
10110101

110100000

c)  $11111111_2 + 10111011_2 = 110111010_2$

+ 10111011

110111010



d)  $11010011_2 - 110101_2 = 10011110_2$

$$\begin{array}{r} 11010011 \\ - 110101 \\ \hline \end{array}$$

$$10011110$$

e)  $10101011_2 - 1101101_2 = 111110_2$

$$\begin{array}{r} 10101011 \\ - 1101101 \\ \hline \end{array}$$

$$0011110$$

f)  $10110011_2 - 1001111_2 = 1100100_2$

$$\begin{array}{r} 10110011 \\ - 1001111 \\ \hline \end{array}$$

$$1100100$$

g)  $10110011_2 - 1001001_2 = 1101010_2$

$$\begin{array}{r} 10110011 \\ - 1001001 \\ \hline \end{array}$$

$$1101010$$

h)  $10111_2 * 110_2 = 10001010_2$

$$\begin{array}{r} 10111 \\ * 110 \\ \hline \end{array}$$

$$\begin{array}{r} 10111 \\ * 110 \\ \hline 10111 \\ 10111 \\ \hline \end{array}$$

$$10001010$$

i)  $101001_2 * 1011_2 = 111000011_2$

$$\begin{array}{r} 101001 \\ * 1011 \\ \hline \end{array}$$

$$111000011$$



2)  $101001_2 * 1101_2 = 1000010101$

$$\begin{array}{r} 101001 \\ + 101001 \\ \hline 1000010101 \end{array}$$