



LISTA 11 - 6D

a) 127_8 p/ 2 = $\begin{array}{ccc} 1 & 2 & 7 \\ 001 & 010 & 111 \end{array} \Rightarrow 1010111$

b) 127_8 p/ 10 = $(7 \times 8^0) + (2 \times 8^1) + (1 \times 8^2) = 7 + 16 + 64 = 87_{10}$

c) 127_8 p/ 16 = $\underline{101}, \underline{0111} \Rightarrow 57_{16}$

d) 148_{10} p/ 2 = $128 + 16 + 4 \Rightarrow 10010100_2$

e) 148_{10} p/ 8 = $(8 \times 8^0) + (4 \times 8^1) + (1 \times 8^2) = 8 + 32 + 64 = 104_8$

f) 148_{10} p/ 16 = 94_{16}

$$\begin{array}{r} 148 \overline{) 16} \\ 4 \quad 9 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ \times 9 \\ \hline 144 \end{array}$$

g) $1EA_{16}$ p/ 2 = $\begin{array}{ccc} 1 & E & A \\ 0001 & 1110 & 1010 \end{array} \Rightarrow 111101010$

h) $1EA_{16}$ p/ 8 = $\underline{111}, \underline{101}, \underline{010} \Rightarrow 752_8$

i) $1EA_{16}$ p/ 10 = $(A \times 16^0) + (E \times 16^1) + (1 \times 16^2) = 10 + 224 + 256 = 490_{10}$