

Lista de exercícios 03

Exercício 1)

$$d) d.1) + 510,1024 = (0\ 0111\ 111\ 110, 0001\ 1010\ 0011\ 0110\ 110)_2$$

$$0111\ 111\ 110,$$

$$\begin{array}{l} 0,1024 \times 2 = 0,2048 \\ 0,2048 \times 2 = 0,4096 \\ 0,4096 \times 2 = 0,8192 \end{array} \rightarrow \begin{array}{l} 0,8192 \times 2 = 1,6384 \\ 0,6384 \times 2 = 1,2768 \\ 0,2768 \times 2 = 0,5536 \end{array} \rightarrow \begin{array}{l} 0,5536 \times 2 = 1,1072 \\ 0,1072 \times 2 = 0,2144 \\ 0,2144 \times 2 = 0,4288 \end{array} \rightarrow \begin{array}{l} 0,4288 \times 2 = 0,8576 \\ 0,8576 \times 2 = 1,7152 \\ 0,7152 \times 2 = 1,4304 \end{array}$$

$$\rightarrow \begin{array}{l} 0,4304 \times 2 = 0,8608 \\ 0,8608 \times 2 = 1,7216 \\ 0,7216 \times 2 = 1,4432 \\ 0,4432 \times 2 = 0,8864 \end{array} \rightarrow \begin{array}{l} 0,8864 \times 2 = 1,7728 \\ 0,7728 \times 2 = 1,5456 \\ 0,5456 \times 2 = 1,0912 \end{array}$$