

لویند
۹۹۹۹۹۹۹۹

+4

15 (الف) $10001011 \xrightarrow{1 \text{ بیت}} 0111.100 \Rightarrow 2^4 + 2^3 + 2^2 + 2^1 = 114 \Rightarrow$ 3 -114

(ب) $1001011 \xrightarrow{2 \text{ بیت}} 011.101 \Rightarrow 2^4 + 2^3 + 2^2 + 2^1 = 113 \Rightarrow$ -4 -117 -113

20 (ج) $10001011 \Rightarrow \begin{cases} (1000) \Rightarrow 2^3 = 8 \\ (1011) \Rightarrow 2^3 + 2^2 + 2^1 + 2^0 = 11 \end{cases} \Rightarrow (8/11)$ +1 8.6875

(د) $10001011 \Rightarrow 0111.101 \Rightarrow 0111/0101 \Rightarrow \begin{cases} (0111) \Rightarrow 2^3 + 2^2 + 2^1 + 2^0 = 15 \\ (0101) \Rightarrow 2^3 + 2^0 = 5 \end{cases}$ -5 -7.3125 +1

$\Rightarrow (15/5) \Rightarrow (-15/5)$ +2 -3

P4YCO