

bin \rightarrow dec

(2)

1000111110 (2)
9 8 7 6 5 4 3 2 1 0

$$\begin{aligned} & 1 \cdot 2^9 + \cancel{0 \cdot 2^8} + \dots + 1 \cdot 2^5 + 1 \cdot 2^4 + 1 \cdot 2^3 + \\ & + 1 \cdot 2^2 + 1 \cdot 2^1 + \cancel{0 \cdot 2^0} = \\ & = 512 + 62 = 574 (10) \end{aligned}$$

11101 (2)