

Octal Number System

$$\begin{aligned}112_8 &= 1 \times 8^2 + 1 \times 8^1 + 2 \times 8^0 \\&= 1 \times (8 \times 8) + 1 \times 8 + 2 \times 1 \\&= 1 \times 64 + 8 + 2 \\&= 64 + 10 \\&= 74\end{aligned}$$