

Binary addition

Decimal addition

11111  $\rightarrow$  Carry

10111

23

11100

28

$\begin{array}{r} + \quad 11 \\ \hline \end{array}$

$\begin{array}{r} + \quad 3 \\ \hline \end{array}$

Result 110110

54

Thus,  $110110_2 = 54_{10}$