

7. 1111

$$\begin{array}{r} 110 \\ + 101 \\ \hline 100 \\ \hline 1111 \end{array}$$

8. ~~0101~~  $\rightarrow$  01101

$$\begin{array}{r} 0 \times \cancel{1} \times \cancel{1} \times \cancel{0} \times \cancel{0} \\ - \cancel{1} \times \cancel{0} \times \cancel{1} \times \cancel{1} \\ \hline \cancel{0} \times \cancel{1} \times \cancel{0} \times \cancel{1} \end{array}$$

$$\begin{array}{r} \overset{2^1}{1} \times \overset{2^0}{1} \times \overset{2^1}{1} \times \overset{2^0}{1} \times \overset{2^1}{1} \times \overset{2^0}{1} \\ \cancel{1} \times \cancel{1} \times \cancel{0} \times \cancel{0} \times \cancel{0} \times \cancel{0} \\ - 1 \times 0 \times 1 \times 1 \\ \hline 01101 \end{array}$$

9. 45<sub>(10)</sub>

32	16	8	4	2	1
1	0	1	1	0	1

= 45<sub>(10)</sub>

10. 12<sub>(10)</sub>

$$\begin{array}{r} \overset{1}{1}11 \\ + 101 \\ \hline 1100 \end{array}$$

8	4	2	1
1	1	0	0

= 12<sub>(10)</sub>