

$$\begin{array}{r} 1) \quad 101 \\ + 110 \\ \hline 1011 \end{array}$$

$$\begin{array}{r} 2) \quad 111 \\ + 101 \\ \hline 1100 \end{array}$$

$$\begin{array}{r} 3) \quad 1000 \\ + 1000 \\ \hline 10000 \end{array}$$

$$\begin{array}{r} 4) \quad 1010 \\ + 1010 \\ \hline 10100 \end{array}$$

$$\begin{array}{r} 5) \quad 1101 \\ + 1101 \\ \hline 11010 \end{array}$$

$$\begin{array}{r} 6) \quad 1111 \\ + 1111 \\ \hline 11110 \end{array}$$

$$\begin{array}{r} 7) \quad 1101 \\ + 111 \\ \hline 10000 \end{array}$$

$$\begin{array}{r} 8) \quad 1011 \\ + 1001 \\ \hline 10100 \end{array}$$

$$\begin{array}{r} 9) \quad 1100 \\ + 1100 \\ \hline 11000 \end{array}$$

$$\begin{array}{r} 10) \quad 1110 \\ + 1100 \\ \hline 11100 \end{array}$$

$$\begin{array}{r} 11) \quad 1011 \\ + 1011 \\ \hline 10110 \end{array}$$

$$\begin{array}{r} 12) \quad 1101 \\ + 1011 \\ \hline 11000 \end{array}$$

$$\begin{array}{r} 13) \quad 1111 \\ + 1011 \\ \hline 11010 \end{array}$$

$$\begin{array}{r} 14) \quad 1001 \\ + 1001 \\ \hline 10010 \end{array}$$

$$\begin{array}{r} 15) \quad 1010 \\ + 1100 \\ \hline 10110 \end{array}$$

$$\begin{array}{r} 1) \ 1111 \\ - 1100 \\ \hline 0011 \end{array}$$

$$\begin{array}{r} 2) \ 1010 \\ - 1010 \\ \hline 0000 \end{array}$$

$$\begin{array}{r} 3) \ 1001 \\ - 111 \\ \hline 0010 \end{array}$$

$$\begin{array}{r} 4) \ 1011 \\ - 1001 \\ \hline 0010 \end{array}$$

$$\begin{array}{r} 5) \ 1101 \\ - 1001 \\ \hline 0000 \end{array}$$

$$\begin{array}{r} 6) \ 1111- \\ - 1111 \\ \hline 0000 \end{array}$$

$$\begin{array}{r} 7) \ 1011 \\ - 1011 \\ \hline 0000 \end{array}$$

$$\begin{array}{r} 8) \ 1100 \\ - 1000 \\ \hline 0000 \end{array}$$

$$\begin{array}{r} 9) \ 1110 \\ - 1110 \\ \hline 0000 \end{array}$$

$$\begin{array}{r} 10) \ 1001 \\ - 1001 \\ \hline 0000 \end{array}$$

$$\begin{array}{r} 11) \ 1010 \\ - 1000 \\ \hline 0010 \end{array}$$

$$\begin{array}{r} 12) \ 1001 \\ - 1011 \\ \hline 0010 \end{array}$$

$$\begin{array}{r} 13) \ 1111 \\ - 1011 \\ \hline 0100 \end{array}$$

$$\begin{array}{r} 14) \ 1001 \\ - 0110 \\ \hline 0011 \end{array}$$

$$\begin{array}{r} 15) \ 1011 \\ - 0111 \\ \hline 0100 \end{array}$$