

## Task 1:

$$\begin{array}{r} 1. \quad \quad \quad 11 \\ \quad \quad \quad 110 \\ + \quad \quad \quad 111 \\ \hline = \quad \quad \quad 1101 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 2. \quad \quad \quad 11 \\ + \quad \quad \quad 10 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 3. \quad \quad \quad 111 \\ + \quad \quad \quad 11 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 4. \quad \quad \quad 100 \\ + \quad \quad \quad 111 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 5. \quad \quad \quad 100 \\ + \quad \quad \quad 11 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6. \quad \quad \quad 111 \\ + \quad \quad \quad 101 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 7. \quad \quad \quad 110 \\ + \quad \quad \quad 1 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 8. \quad \quad \quad 1 \\ + \quad \quad \quad 10 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 9. \quad \quad \quad 111 \\ + \quad \quad \quad 11 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 10. \quad \quad \quad 100 \\ + \quad \quad \quad 101 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 11. \quad \quad \quad 11 \\ + \quad \quad \quad 1 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 12. \quad \quad \quad 111 \\ + \quad \quad \quad 111 \\ \hline = \\ \hline \hline \end{array}$$

## Task 2:

$$\begin{array}{r} 1. \quad \quad \quad 11001 \\ + \quad \quad \quad 1100 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 2. \quad \quad \quad 10101 \\ + \quad \quad \quad 1100 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 3. \quad \quad \quad 111 \\ + \quad \quad \quad 11000 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 4. \quad \quad \quad 100 \\ + \quad \quad \quad 10010 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 5. \quad \quad \quad 10110 \\ + \quad \quad \quad 1000 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6. \quad \quad \quad 1101 \\ + \quad \quad \quad 101 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 7. \quad \quad \quad 11011 \\ + \quad \quad \quad 10101 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 8. \quad \quad \quad 1101 \\ + \quad \quad \quad 11011 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 9. \quad \quad \quad 10010 \\ + \quad \quad \quad 10010 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 10. \quad \quad \quad 11110 \\ + \quad \quad \quad 1011 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 11. \quad \quad \quad 1110 \\ + \quad \quad \quad 1111 \\ \hline = \\ \hline \hline \end{array}$$

$$\begin{array}{r} 12. \quad \quad \quad 101 \\ + \quad \quad \quad 11011 \\ \hline = \\ \hline \hline \end{array}$$

## Answers

$$\begin{array}{r} 1. \quad \quad \quad 110 \\ + \quad \quad \quad 111 \\ \hline = \quad \quad \quad 1101 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 5. \quad \quad \quad 100 \\ + \quad \quad \quad 11 \\ \hline = \quad \quad \quad 111 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 9. \quad \quad \quad 111 \\ + \quad \quad \quad 11 \\ \hline = \quad \quad \quad 1010 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 2. \quad \quad \quad 11 \\ + \quad \quad \quad 10 \\ \hline = \quad \quad \quad 101 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6. \quad \quad \quad 111 \\ + \quad \quad \quad 101 \\ \hline = \quad \quad \quad 1100 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 10. \quad \quad \quad 100 \\ + \quad \quad \quad 101 \\ \hline = \quad \quad \quad 1001 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 3. \quad \quad \quad 111 \\ + \quad \quad \quad 11 \\ \hline = \quad \quad \quad 1010 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 7. \quad \quad \quad 110 \\ + \quad \quad \quad 1 \\ \hline = \quad \quad \quad 111 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 11. \quad \quad \quad 11 \\ + \quad \quad \quad 1 \\ \hline = \quad \quad \quad 100 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 4. \quad \quad \quad 100 \\ + \quad \quad \quad 111 \\ \hline = \quad \quad \quad 1011 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 8. \quad \quad \quad 1 \\ + \quad \quad \quad 10 \\ \hline = \quad \quad \quad 11 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 12. \quad \quad \quad 111 \\ + \quad \quad \quad 111 \\ \hline = \quad \quad \quad 1110 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 1. \quad \quad \quad 11001 \\ + \quad \quad \quad 1100 \\ \hline = \quad \quad \quad 100101 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 5. \quad \quad \quad 10110 \\ + \quad \quad \quad 1000 \\ \hline = \quad \quad \quad 11110 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 9. \quad \quad \quad 10010 \\ + \quad \quad \quad 10010 \\ \hline = \quad \quad \quad 100100 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 2. \quad \quad \quad 10101 \\ + \quad \quad \quad 1100 \\ \hline = \quad \quad \quad 100001 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6. \quad \quad \quad 1101 \\ + \quad \quad \quad 101 \\ \hline = \quad \quad \quad 10010 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 10. \quad \quad \quad 11110 \\ + \quad \quad \quad 1011 \\ \hline = \quad \quad \quad 101001 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 3. \quad \quad \quad 111 \\ + \quad \quad \quad 11000 \\ \hline = \quad \quad \quad 11111 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 7. \quad \quad \quad 11011 \\ + \quad \quad \quad 10101 \\ \hline = \quad \quad \quad 110000 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 11. \quad \quad \quad 1110 \\ + \quad \quad \quad 1111 \\ \hline = \quad \quad \quad 11101 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 4. \quad \quad \quad 100 \\ + \quad \quad \quad 10010 \\ \hline = \quad \quad \quad 10110 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 8. \quad \quad \quad 1101 \\ + \quad \quad \quad 11011 \\ \hline = \quad \quad \quad 101000 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 12. \quad \quad \quad 101 \\ + \quad \quad \quad 11011 \\ \hline = \quad \quad \quad 100000 \\ \hline \hline \end{array}$$