

Oppgave : Oppvarming - Binær addisjon

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

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

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

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

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

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

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

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

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

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

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

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

Oppgave

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

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

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

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

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

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

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

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

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

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

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

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

Fasit

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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