

# Subtracting Binary Numbers (A)

Calculate each difference.

$$\begin{array}{r} 1001110_2 \\ - 100110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 101001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101010_2 \\ - 101101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110101_2 \\ - 111001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000010_2 \\ - 100001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000110_2 \\ - 100100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 101111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 111100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 110110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110001_2 \\ - 111111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 110100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 110100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101110_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101001_2 \\ - 111010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100101_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100000_2 \\ - 101010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 100010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110001_2 \\ - 110010_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (A) Answers

Calculate each difference.

$$\begin{array}{r} 1001110_2 \\ - 100110_2 \\ \hline 101000_2 \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 101001_2 \\ \hline 100001_2 \end{array}$$

$$\begin{array}{r} 1101010_2 \\ - 101101_2 \\ \hline 111101_2 \end{array}$$

$$\begin{array}{r} 1110101_2 \\ - 111001_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 1000010_2 \\ - 100001_2 \\ \hline 100001_2 \end{array}$$

$$\begin{array}{r} 1000110_2 \\ - 100100_2 \\ \hline 100010_2 \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100011_2 \\ \hline 100111_2 \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 101111_2 \\ \hline 110101_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 111100_2 \\ \hline 100001_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100001_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 110110_2 \\ \hline 100010_2 \end{array}$$

$$\begin{array}{r} 1110001_2 \\ - 111111_2 \\ \hline 110010_2 \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 110100_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 110100_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1101110_2 \\ - 110001_2 \\ \hline 111101_2 \end{array}$$

$$\begin{array}{r} 1101001_2 \\ - 111010_2 \\ \hline 101111_2 \end{array}$$

$$\begin{array}{r} 1100101_2 \\ - 100111_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 1100000_2 \\ - 101010_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 100010_2 \\ \hline 111111_2 \end{array}$$

$$\begin{array}{r} 1110001_2 \\ - 110010_2 \\ \hline 111111_2 \end{array}$$

# Subtracting Binary Numbers (B)

Calculate each difference.

$$\begin{array}{r} 1001000_2 \\ - 100100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010011_2 \\ - 101111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 101110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111100_2 \\ - 111110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011010_2 \\ - 100110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 111000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011001_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110101_2 \\ - 111010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101000_2 \\ - 111011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000111_2 \\ - 100110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 101101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101011_2 \\ - 111010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000010_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 111110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101011_2 \\ - 111011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100011_2 \\ - 110110_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (B) Answers

Calculate each difference.

$$\begin{array}{r} 1001000_2 \\ - 100100_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1010011_2 \\ - 101111_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 100000_2 \\ \hline 110000_2 \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 101110_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1111100_2 \\ - 111110_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 1011010_2 \\ - 100110_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 111000_2 \\ \hline 100000_2 \end{array}$$

$$\begin{array}{r} 1011001_2 \\ - 110000_2 \\ \hline 101001_2 \end{array}$$

$$\begin{array}{r} 1110101_2 \\ - 111010_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 110001_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1101000_2 \\ - 111011_2 \\ \hline 101101_2 \end{array}$$

$$\begin{array}{r} 1000111_2 \\ - 100110_2 \\ \hline 100001_2 \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 110000_2 \\ \hline 101111_2 \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 100111_2 \\ \hline 101001_2 \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 101101_2 \\ \hline 111001_2 \end{array}$$

$$\begin{array}{r} 1101011_2 \\ - 111010_2 \\ \hline 110001_2 \end{array}$$

$$\begin{array}{r} 1000010_2 \\ - 100000_2 \\ \hline 100010_2 \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 111110_2 \\ \hline 110001_2 \end{array}$$

$$\begin{array}{r} 1101011_2 \\ - 111011_2 \\ \hline 110000_2 \end{array}$$

$$\begin{array}{r} 1100011_2 \\ - 110110_2 \\ \hline 101101_2 \end{array}$$

# Subtracting Binary Numbers (C)

Calculate each difference.

$$\begin{array}{r} 1100101_2 \\ - 110011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000011_2 \\ - 100010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000101_2 \\ - 100010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 110111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 101001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100000_2 \\ - 111010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 101000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 110100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 101000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011001_2 \\ - 110110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 111111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 111001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 101001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 101010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 110010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111001_2 \\ - 111111_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (C) Answers

Calculate each difference.

$$\begin{array}{r} 1100101_2 \\ - 110011_2 \\ \hline 110010_2 \end{array}$$

$$\begin{array}{r} 1000011_2 \\ - 100010_2 \\ \hline 100001_2 \end{array}$$

$$\begin{array}{r} 1000101_2 \\ - 100010_2 \\ \hline 100011_2 \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 110111_2 \\ \hline 100111_2 \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 101001_2 \\ \hline 101111_2 \end{array}$$

$$\begin{array}{r} 1100000_2 \\ - 111010_2 \\ \hline 100110_2 \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 110000_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 101000_2 \\ \hline 101111_2 \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 110100_2 \\ \hline 101101_2 \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 101000_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 1011001_2 \\ - 110110_2 \\ \hline 100011_2 \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 110001_2 \\ \hline 110101_2 \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 111111_2 \\ \hline 100010_2 \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 100011_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 111001_2 \\ \hline 101101_2 \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100111_2 \\ \hline 100011_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 101001_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 101010_2 \\ \hline 110011_2 \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 110010_2 \\ \hline 101101_2 \end{array}$$

$$\begin{array}{r} 1111001_2 \\ - 111111_2 \\ \hline 111010_2 \end{array}$$

# Subtracting Binary Numbers (D)

Calculate each difference.

$$\begin{array}{r} 1011001_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 110010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101101_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 100110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 101111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110110_2 \\ - 111000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101011_2 \\ - 101111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 111111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111000_2 \\ - 111101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110011_2 \\ - 111101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100011_2 \\ - 111111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100011_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101101_2 \\ - 110011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 101010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 100101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011001_2 \\ - 101111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 111001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010011_2 \\ - 101001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110110_2 \\ - 111000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100011_2 \\ - 111001_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (D) Answers

Calculate each difference.

$$\begin{array}{r} 1011001_2 \\ - 110000_2 \\ \hline 101001_2 \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 110010_2 \\ \hline 101111_2 \end{array}$$

$$\begin{array}{r} 1101101_2 \\ - 110000_2 \\ \hline 111101_2 \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 100110_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 101111_2 \\ \hline 110011_2 \end{array}$$

$$\begin{array}{r} 1110110_2 \\ - 111000_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 1101011_2 \\ - 101111_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 111111_2 \\ \hline 100011_2 \end{array}$$

$$\begin{array}{r} 1111000_2 \\ - 111101_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1110011_2 \\ - 111101_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 1100011_2 \\ - 111111_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1100011_2 \\ - 110000_2 \\ \hline 110011_2 \end{array}$$

$$\begin{array}{r} 1101101_2 \\ - 110011_2 \\ \hline 111010_2 \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 101010_2 \\ \hline 111000_2 \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 100101_2 \\ \hline 111010_2 \end{array}$$

$$\begin{array}{r} 1011001_2 \\ - 101111_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 111001_2 \\ \hline 101000_2 \end{array}$$

$$\begin{array}{r} 1010011_2 \\ - 101001_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 1110110_2 \\ - 111000_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 1100011_2 \\ - 111001_2 \\ \hline 101010_2 \end{array}$$

## Subtracting Binary Numbers (E)

Calculate each difference.

$$\begin{array}{r} 1100101_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010100_2 \\ - 101100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111010_2 \\ - 111100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111010_2 \\ - 111011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001110_2 \\ - 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011100_2 \\ - 101011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100101_2 \\ - 110100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011100_2 \\ - 111000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111110_2 \\ - 111111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 100100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001001_2 \\ - 101000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001000_2 \\ - 101000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010101_2 \\ - 101011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110000_2 \\ - 111010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010101_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010110_2 \\ - 101101_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (E) Answers

Calculate each difference.

$$\begin{array}{r} 1100101_2 \\ - 110001_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1010100_2 \\ - 101100_2 \\ \hline 101000_2 \end{array}$$

$$\begin{array}{r} 1111010_2 \\ - 111100_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 1111010_2 \\ - 111011_2 \\ \hline 111111_2 \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100000_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 1001110_2 \\ - 100011_2 \\ \hline 101011_2 \end{array}$$

$$\begin{array}{r} 1011100_2 \\ - 101011_2 \\ \hline 110001_2 \end{array}$$

$$\begin{array}{r} 1100101_2 \\ - 110100_2 \\ \hline 110001_2 \end{array}$$

$$\begin{array}{r} 1011100_2 \\ - 111000_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1111110_2 \\ - 111111_2 \\ \hline 111111_2 \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 100111_2 \\ \hline 110001_2 \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 100100_2 \\ \hline 101100_2 \end{array}$$

$$\begin{array}{r} 1001001_2 \\ - 101000_2 \\ \hline 100001_2 \end{array}$$

$$\begin{array}{r} 1001000_2 \\ - 101000_2 \\ \hline 100000_2 \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 110001_2 \\ \hline 101101_2 \end{array}$$

$$\begin{array}{r} 1010101_2 \\ - 101011_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100110_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1110000_2 \\ - 111010_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 1010101_2 \\ - 100111_2 \\ \hline 101110_2 \end{array}$$

$$\begin{array}{r} 1010110_2 \\ - 101101_2 \\ \hline 101001_2 \end{array}$$

# Subtracting Binary Numbers (F)

Calculate each difference.

$$\begin{array}{r} 1010111_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 101010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010110_2 \\ - 101111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011100_2 \\ - 111000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 111000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 101110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010010_2 \\ - 101101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001000_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110000_2 \\ - 110101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001100_2 \\ - 100100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 110100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 110111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 101010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 111110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111010_2 \\ - 111111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001011_2 \\ - 100001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 111011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 100110_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (F) Answers

Calculate each difference.

$$\begin{array}{r} 1010111_2 \\ - 100000_2 \\ \hline 110111_2 \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 101010_2 \\ \hline 110111_2 \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 100011_2 \\ \hline 101110_2 \end{array}$$

$$\begin{array}{r} 1010110_2 \\ - 101111_2 \\ \hline 100111_2 \end{array}$$

$$\begin{array}{r} 1011100_2 \\ - 111000_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 111000_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 101110_2 \\ \hline 101001_2 \end{array}$$

$$\begin{array}{r} 1010010_2 \\ - 101101_2 \\ \hline 100101_2 \end{array}$$

$$\begin{array}{r} 1001000_2 \\ - 100000_2 \\ \hline 101000_2 \end{array}$$

$$\begin{array}{r} 1110000_2 \\ - 110101_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1001100_2 \\ - 100100_2 \\ \hline 101000_2 \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 110100_2 \\ \hline 100111_2 \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 110111_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 100000_2 \\ \hline 110111_2 \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 101010_2 \\ \hline 110101_2 \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 111110_2 \\ \hline 110001_2 \end{array}$$

$$\begin{array}{r} 1111010_2 \\ - 111111_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1001011_2 \\ - 100001_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 111011_2 \\ \hline 100000_2 \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 100110_2 \\ \hline 101011_2 \end{array}$$

# Subtracting Binary Numbers (G)

Calculate each difference.

$$\begin{array}{r} 1100010_2 \\ - 101110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001100_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 111011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 100101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011001_2 \\ - 110101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101001_2 \\ - 111100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111100_2 \\ - 111101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000101_2 \\ - 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 101101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 100001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010110_2 \\ - 110010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 101001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 101110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011010_2 \\ - 100010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011100_2 \\ - 101101_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (G) Answers

Calculate each difference.

$$\begin{array}{r} 1100010_2 \\ - 101110_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1001100_2 \\ - 100111_2 \\ \hline 100101_2 \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 111011_2 \\ \hline 101001_2 \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 100101_2 \\ \hline 110011_2 \end{array}$$

$$\begin{array}{r} 1011001_2 \\ - 110101_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1101001_2 \\ - 111100_2 \\ \hline 101101_2 \end{array}$$

$$\begin{array}{r} 1111100_2 \\ - 111101_2 \\ \hline 111111_2 \end{array}$$

$$\begin{array}{r} 1001010_2 \\ - 100000_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 1000101_2 \\ - 100011_2 \\ \hline 100010_2 \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 101101_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1100010_2 \\ - 110001_2 \\ \hline 110001_2 \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 100001_2 \\ \hline 110000_2 \end{array}$$

$$\begin{array}{r} 1010110_2 \\ - 110010_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100100_2 \\ \hline 111001_2 \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 100111_2 \\ \hline 110000_2 \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 101001_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 101110_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 1011010_2 \\ - 100010_2 \\ \hline 111000_2 \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 110000_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 1011100_2 \\ - 101101_2 \\ \hline 101111_2 \end{array}$$

# Subtracting Binary Numbers (H)

Calculate each difference.

$$\begin{array}{r} 1101101_2 \\ - 110111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111101_2 \\ - 111110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 110010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 110011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 101101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000101_2 \\ - 100101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100111_2 \\ - 110101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100000_2 \\ - 101000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 111000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100111_2 \\ - 101100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 110101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101010_2 \\ - 101110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 110100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 101101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010011_2 \\ - 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100001_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (H) Answers

Calculate each difference.

$$\begin{array}{r} 1101101_2 \\ - 110111_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 1111101_2 \\ - 111110_2 \\ \hline 111111_2 \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 110010_2 \\ \hline 100101_2 \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 100000_2 \\ \hline 111000_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 110011_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 101101_2 \\ \hline 101110_2 \end{array}$$

$$\begin{array}{r} 1000101_2 \\ - 100101_2 \\ \hline 100000_2 \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 100011_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1100111_2 \\ - 110101_2 \\ \hline 110010_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100111_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 1100000_2 \\ - 101000_2 \\ \hline 111000_2 \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 111000_2 \\ \hline 100110_2 \end{array}$$

$$\begin{array}{r} 1100111_2 \\ - 101100_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 110101_2 \\ \hline 101111_2 \end{array}$$

$$\begin{array}{r} 1101010_2 \\ - 101110_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 1101111_2 \\ - 110100_2 \\ \hline 111011_2 \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 101101_2 \\ \hline 110010_2 \end{array}$$

$$\begin{array}{r} 1010011_2 \\ - 100011_2 \\ \hline 110000_2 \end{array}$$

$$\begin{array}{r} 1011011_2 \\ - 100111_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100001_2 \\ \hline 111100_2 \end{array}$$

# Subtracting Binary Numbers (I)

Calculate each difference.

$$\begin{array}{r} 1011000_2 \\ - 110011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111110_2 \\ - 111111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 110011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111001_2 \\ - 111010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001001_2 \\ - 100111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010110_2 \\ - 101010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010010_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 101001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111010_2 \\ - 111110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101000_2 \\ - 101110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 111101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000011_2 \\ - 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101010_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 110111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 101101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100111_2 \\ - 111111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 101001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101101_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 110000_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (I) Answers

Calculate each difference.

$$\begin{array}{r} 1011000_2 \\ - 110011_2 \\ \hline 100101_2 \end{array}$$

$$\begin{array}{r} 1111110_2 \\ - 111111_2 \\ \hline 111111_2 \end{array}$$

$$\begin{array}{r} 1011111_2 \\ - 110011_2 \\ \hline 101100_2 \end{array}$$

$$\begin{array}{r} 1111001_2 \\ - 111010_2 \\ \hline 111111_2 \end{array}$$

$$\begin{array}{r} 1001001_2 \\ - 100111_2 \\ \hline 100010_2 \end{array}$$

$$\begin{array}{r} 1010110_2 \\ - 101010_2 \\ \hline 101100_2 \end{array}$$

$$\begin{array}{r} 1010010_2 \\ - 110001_2 \\ \hline 100001_2 \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 101001_2 \\ \hline 111101_2 \end{array}$$

$$\begin{array}{r} 1111010_2 \\ - 111110_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 1101000_2 \\ - 101110_2 \\ \hline 111010_2 \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 111101_2 \\ \hline 101001_2 \end{array}$$

$$\begin{array}{r} 1000011_2 \\ - 100000_2 \\ \hline 100011_2 \end{array}$$

$$\begin{array}{r} 1101010_2 \\ - 110000_2 \\ \hline 111010_2 \end{array}$$

$$\begin{array}{r} 1011110_2 \\ - 110111_2 \\ \hline 100111_2 \end{array}$$

$$\begin{array}{r} 1100001_2 \\ - 101101_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1100111_2 \\ - 111111_2 \\ \hline 101000_2 \end{array}$$

$$\begin{array}{r} 1011000_2 \\ - 101001_2 \\ \hline 101111_2 \end{array}$$

$$\begin{array}{r} 1101101_2 \\ - 110001_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100110_2 \\ \hline 110111_2 \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 110000_2 \\ \hline 100001_2 \end{array}$$

## Subtracting Binary Numbers (J)

Calculate each difference.

$$\begin{array}{r} 1001100_2 \\ - 101000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 100001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 110010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 110100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110000_2 \\ - 110010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111000_2 \\ - 111011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1001110_2 \\ - 101000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010100_2 \\ - 110100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111000_2 \\ - 111110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110101_2 \\ - 110111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101000_2 \\ - 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010010_2 \\ - 100001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 110010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 110101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010010_2 \\ - 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 101100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101110_2 \\ - 110101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010100_2 \\ - 100001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100111_2 \\ \hline \end{array}$$

# Subtracting Binary Numbers (J) Answers

Calculate each difference.

$$\begin{array}{r} 1001100_2 \\ - 101000_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1010001_2 \\ - 100001_2 \\ \hline 110000_2 \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 110010_2 \\ \hline 100101_2 \end{array}$$

$$\begin{array}{r} 1100110_2 \\ - 110100_2 \\ \hline 110010_2 \end{array}$$

$$\begin{array}{r} 1110000_2 \\ - 110010_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 1111000_2 \\ - 111011_2 \\ \hline 111101_2 \end{array}$$

$$\begin{array}{r} 1001110_2 \\ - 101000_2 \\ \hline 100110_2 \end{array}$$

$$\begin{array}{r} 1010100_2 \\ - 110100_2 \\ \hline 100000_2 \end{array}$$

$$\begin{array}{r} 1111000_2 \\ - 111110_2 \\ \hline 111010_2 \end{array}$$

$$\begin{array}{r} 1110101_2 \\ - 110111_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 1101000_2 \\ - 110001_2 \\ \hline 110111_2 \end{array}$$

$$\begin{array}{r} 1010111_2 \\ - 110000_2 \\ \hline 100111_2 \end{array}$$

$$\begin{array}{r} 1010010_2 \\ - 100001_2 \\ \hline 110001_2 \end{array}$$

$$\begin{array}{r} 1101100_2 \\ - 110010_2 \\ \hline 111010_2 \end{array}$$

$$\begin{array}{r} 1100100_2 \\ - 110101_2 \\ \hline 101111_2 \end{array}$$

$$\begin{array}{r} 1010010_2 \\ - 110000_2 \\ \hline 100010_2 \end{array}$$

$$\begin{array}{r} 1010000_2 \\ - 101100_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 1101110_2 \\ - 110101_2 \\ \hline 111001_2 \end{array}$$

$$\begin{array}{r} 1010100_2 \\ - 100001_2 \\ \hline 110011_2 \end{array}$$

$$\begin{array}{r} 1011101_2 \\ - 100111_2 \\ \hline 110110_2 \end{array}$$