

Multiplying and Dividing Binary Numbers (A)

Calculate each product or quotient.

$$10_2 \overline{)100010_2}$$

$$\begin{array}{r} 10001_2 \\ \times 101_2 \\ \hline \end{array}$$

$$111_2 \overline{)100011_2}$$

$$10_2 \overline{)11100_2}$$

$$100_2 \overline{)1101100_2}$$

$$\begin{array}{r} 101_2 \\ \times 101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10011_2 \\ \times 10_2 \\ \hline \end{array}$$

$$10_2 \overline{)1000_2}$$

$$111_2 \overline{)1110000_2}$$

$$\begin{array}{r} 10011_2 \\ \times 110_2 \\ \hline \end{array}$$

$$10_2 \overline{)100010_2}$$

$$\begin{array}{r} 11111_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 101_2 \\ \times 111_2 \\ \hline \end{array}$$

$$111_2 \overline{)101010_2}$$

$$100_2 \overline{)1101000_2}$$

$$10_2 \overline{)111000_2}$$

$$101_2 \overline{)101000_2}$$

$$\begin{array}{r} 11111_2 \\ \times 10_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10111_2 \\ \times 10_2 \\ \hline \end{array}$$

$$\begin{array}{r} 101_2 \\ \times 11_2 \\ \hline \end{array}$$

Multiplying and Dividing Binary Numbers (A) Answers

Calculate each product or quotient.

$$\begin{array}{r} 10001_2 \\ 10_2 \overline{)100010_2} \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 101_2 \\ \hline 1010101_2 \end{array}$$

$$\begin{array}{r} 101_2 \\ 111_2 \overline{)100011_2} \end{array}$$

$$\begin{array}{r} 1110_2 \\ 10_2 \overline{)11100_2} \end{array}$$

$$\begin{array}{r} 11011_2 \\ 100_2 \overline{)1101100_2} \end{array}$$

$$\begin{array}{r} 101_2 \\ \times 101_2 \\ \hline 11001_2 \end{array}$$

$$\begin{array}{r} 10011_2 \\ \times 10_2 \\ \hline 100110_2 \end{array}$$

$$\begin{array}{r} 100_2 \\ 10_2 \overline{)1000_2} \end{array}$$

$$\begin{array}{r} 10000_2 \\ 111_2 \overline{)1110000_2} \end{array}$$

$$\begin{array}{r} 10011_2 \\ \times 110_2 \\ \hline 1110010_2 \end{array}$$

$$\begin{array}{r} 10001_2 \\ 10_2 \overline{)100010_2} \end{array}$$

$$\begin{array}{r} 11111_2 \\ \times 11_2 \\ \hline 1011101_2 \end{array}$$

$$\begin{array}{r} 101_2 \\ \times 111_2 \\ \hline 100011_2 \end{array}$$

$$\begin{array}{r} 110_2 \\ 111_2 \overline{)101010_2} \end{array}$$

$$\begin{array}{r} 11010_2 \\ 100_2 \overline{)1101000_2} \end{array}$$

$$\begin{array}{r} 11100_2 \\ 10_2 \overline{)111000_2} \end{array}$$

$$\begin{array}{r} 1000_2 \\ 101_2 \overline{)101000_2} \end{array}$$

$$\begin{array}{r} 11111_2 \\ \times 10_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 10111_2 \\ \times 10_2 \\ \hline 101110_2 \end{array}$$

$$\begin{array}{r} 101_2 \\ \times 11_2 \\ \hline 1111_2 \end{array}$$

Multiplying and Dividing Binary Numbers (B)

Calculate each product or quotient.

$$\begin{array}{r} 1001_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 111_2 \\ \times 100_2 \\ \hline \end{array}$$

$$110_2 \overline{)10011100_2}$$

$$111_2 \overline{)10110110_2}$$

$$\begin{array}{r} 1110_2 \\ \times 110_2 \\ \hline \end{array}$$

$$111_2 \overline{)111111_2}$$

$$\begin{array}{r} 11000_2 \\ \times 100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11001_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 110_2 \\ \hline \end{array}$$

$$10_2 \overline{)1000_2}$$

$$110_2 \overline{)1110010_2}$$

$$\begin{array}{r} 11101_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000_2 \\ \times 100_2 \\ \hline \end{array}$$

$$10_2 \overline{)11110_2}$$

$$100_2 \overline{)100100_2}$$

$$100_2 \overline{)11000_2}$$

$$\begin{array}{r} 11110_2 \\ \times 100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 11_2 \\ \hline \end{array}$$

$$11_2 \overline{)110000_2}$$

$$\begin{array}{r} 10100_2 \\ \times 111_2 \\ \hline \end{array}$$

Multiplying and Dividing Binary Numbers (B) Answers

Calculate each product or quotient.

$$\begin{array}{r} 1001_2 \\ \times 110_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 111_2 \\ \times 100_2 \\ \hline 11100_2 \end{array}$$

$$\begin{array}{r} 11010_2 \\ 110_2 \overline{)10011100_2} \end{array}$$

$$\begin{array}{r} 11010_2 \\ 111_2 \overline{)10110110_2} \end{array}$$

$$\begin{array}{r} 1110_2 \\ \times 110_2 \\ \hline 1010100_2 \end{array}$$

$$\begin{array}{r} 1001_2 \\ 111_2 \overline{)111111_2} \end{array}$$

$$\begin{array}{r} 11000_2 \\ \times 100_2 \\ \hline 1100000_2 \end{array}$$

$$\begin{array}{r} 11001_2 \\ \times 111_2 \\ \hline 10101111_2 \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 110_2 \\ \hline 1111110_2 \end{array}$$

$$\begin{array}{r} 100_2 \\ 10_2 \overline{)1000_2} \end{array}$$

$$\begin{array}{r} 10011_2 \\ 110_2 \overline{)1110010_2} \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 110_2 \\ \hline 10101110_2 \end{array}$$

$$\begin{array}{r} 1000_2 \\ \times 100_2 \\ \hline 100000_2 \end{array}$$

$$\begin{array}{r} 1111_2 \\ 10_2 \overline{)11110_2} \end{array}$$

$$\begin{array}{r} 1001_2 \\ 100_2 \overline{)100100_2} \end{array}$$

$$\begin{array}{r} 110_2 \\ 100_2 \overline{)11000_2} \end{array}$$

$$\begin{array}{r} 11110_2 \\ \times 100_2 \\ \hline 1111000_2 \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 11_2 \\ \hline 1001110_2 \end{array}$$

$$\begin{array}{r} 10000_2 \\ 11_2 \overline{)110000_2} \end{array}$$

$$\begin{array}{r} 10100_2 \\ \times 111_2 \\ \hline 10001100_2 \end{array}$$

Multiplying and Dividing Binary Numbers (C)

Calculate each product or quotient.

$$110_2 \overline{)10011100_2}$$

$$110_2 \overline{)10000100_2}$$

$$\begin{array}{r} 1110_2 \\ \times 100_2 \\ \hline \end{array}$$

$$111_2 \overline{)11100_2}$$

$$\begin{array}{r} 10101_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 111_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11000_2 \\ \times 111_2 \\ \hline \end{array}$$

$$111_2 \overline{)1010100_2}$$

$$100_2 \overline{)101000_2}$$

$$\begin{array}{r} 10110_2 \\ \times 111_2 \\ \hline \end{array}$$

$$111_2 \overline{)1111110_2}$$

$$\begin{array}{r} 1111_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10110_2 \\ \times 10_2 \\ \hline \end{array}$$

$$100_2 \overline{)1001000_2}$$

$$\begin{array}{r} 1110_2 \\ \times 111_2 \\ \hline \end{array}$$

$$101_2 \overline{)10100_2}$$

$$110_2 \overline{)1100000_2}$$

$$100_2 \overline{)1101100_2}$$

$$\begin{array}{r} 1111_2 \\ \times 111_2 \\ \hline \end{array}$$

$$101_2 \overline{)1001011_2}$$

Multiplying and Dividing Binary Numbers (C) Answers

Calculate each product or quotient.

$$\begin{array}{r} 11010_2 \\ 110_2 \overline{)10011100_2} \end{array}$$

$$\begin{array}{r} 101110_2 \\ 110_2 \overline{)10000100_2} \end{array}$$

$$\begin{array}{r} 1110_2 \\ \times 100_2 \\ \hline 111000_2 \end{array}$$

$$\begin{array}{r} 100_2 \\ 111_2 \overline{)111100_2} \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 110_2 \\ \hline 1111110_2 \end{array}$$

$$\begin{array}{r} 111_2 \\ \times 110_2 \\ \hline 101010_2 \end{array}$$

$$\begin{array}{r} 11000_2 \\ \times 111_2 \\ \hline 10101000_2 \end{array}$$

$$\begin{array}{r} 1100_2 \\ 111_2 \overline{)1010100_2} \end{array}$$

$$\begin{array}{r} 1010_2 \\ 100_2 \overline{)101000_2} \end{array}$$

$$\begin{array}{r} 10110_2 \\ \times 111_2 \\ \hline 10011010_2 \end{array}$$

$$\begin{array}{r} 10010_2 \\ 111_2 \overline{)1111110_2} \end{array}$$

$$\begin{array}{r} 1111_2 \\ \times 11_2 \\ \hline 101101_2 \end{array}$$

$$\begin{array}{r} 10110_2 \\ \times 10_2 \\ \hline 101100_2 \end{array}$$

$$\begin{array}{r} 10010_2 \\ 100_2 \overline{)1001000_2} \end{array}$$

$$\begin{array}{r} 1110_2 \\ \times 111_2 \\ \hline 1100010_2 \end{array}$$

$$\begin{array}{r} 100_2 \\ 101_2 \overline{)10100_2} \end{array}$$

$$\begin{array}{r} 10000_2 \\ 110_2 \overline{)1100000_2} \end{array}$$

$$\begin{array}{r} 11011_2 \\ 100_2 \overline{)1101100_2} \end{array}$$

$$\begin{array}{r} 1111_2 \\ \times 111_2 \\ \hline 1101001_2 \end{array}$$

$$\begin{array}{r} 1111_2 \\ 101_2 \overline{)1001011_2} \end{array}$$

Multiplying and Dividing Binary Numbers (D)

Calculate each product or quotient.

$$111_2 \overline{)1000110_2}$$

$$\begin{array}{r} 111_2 \\ \times 10_2 \\ \hline \end{array}$$

$$100_2 \overline{)111000_2}$$

$$\begin{array}{r} 11111_2 \\ \times 10_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10100_2 \\ \times 101_2 \\ \hline \end{array}$$

$$101_2 \overline{)10010110_2}$$

$$10_2 \overline{)110000_2}$$

$$\begin{array}{r} 10000_2 \\ \times 101_2 \\ \hline \end{array}$$

$$100_2 \overline{)100000_2}$$

$$110_2 \overline{)10010110_2}$$

$$111_2 \overline{)1101001_2}$$

$$11_2 \overline{)110110_2}$$

$$100_2 \overline{)100000_2}$$

$$101_2 \overline{)1100100_2}$$

$$110_2 \overline{)10100010_2}$$

$$\begin{array}{r} 10101_2 \\ \times 11_2 \\ \hline \end{array}$$

$$110_2 \overline{)10101000_2}$$

$$110_2 \overline{)1001110_2}$$

$$\begin{array}{r} 1001_2 \\ \times 10_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_2 \\ \times 100_2 \\ \hline \end{array}$$

Multiplying and Dividing Binary Numbers (D) Answers

Calculate each product or quotient.

$$\begin{array}{r} 1010_2 \\ 111_2 \overline{)1000110_2} \end{array}$$

$$\begin{array}{r} 111_2 \\ \times 10_2 \\ \hline 1110_2 \end{array}$$

$$\begin{array}{r} 1110_2 \\ 100_2 \overline{)111000_2} \end{array}$$

$$\begin{array}{r} 11111_2 \\ \times 10_2 \\ \hline 111110_2 \end{array}$$

$$\begin{array}{r} 10100_2 \\ \times 101_2 \\ \hline 1100100_2 \end{array}$$

$$\begin{array}{r} 11110_2 \\ 101_2 \overline{)10010110_2} \end{array}$$

$$\begin{array}{r} 11000_2 \\ 10_2 \overline{)110000_2} \end{array}$$

$$\begin{array}{r} 10000_2 \\ \times 101_2 \\ \hline 1010000_2 \end{array}$$

$$\begin{array}{r} 1000_2 \\ 100_2 \overline{)100000_2} \end{array}$$

$$\begin{array}{r} 11001_2 \\ 110_2 \overline{)10010110_2} \end{array}$$

$$\begin{array}{r} 1111_2 \\ 111_2 \overline{)1101001_2} \end{array}$$

$$\begin{array}{r} 10010_2 \\ 11_2 \overline{)110110_2} \end{array}$$

$$\begin{array}{r} 1000_2 \\ 100_2 \overline{)100000_2} \end{array}$$

$$\begin{array}{r} 10100_2 \\ 101_2 \overline{)1100100_2} \end{array}$$

$$\begin{array}{r} 11011_2 \\ 110_2 \overline{)10100010_2} \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 11_2 \\ \hline 111111_2 \end{array}$$

$$\begin{array}{r} 11100_2 \\ 110_2 \overline{)10101000_2} \end{array}$$

$$\begin{array}{r} 1101_2 \\ 110_2 \overline{)1001110_2} \end{array}$$

$$\begin{array}{r} 1001_2 \\ \times 10_2 \\ \hline 10010_2 \end{array}$$

$$\begin{array}{r} 1010_2 \\ \times 100_2 \\ \hline 101000_2 \end{array}$$

Multiplying and Dividing Binary Numbers (E)

Calculate each product or quotient.

$$\begin{array}{r} 11011_2 \\ \times 101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 110_2 \\ \hline \end{array}$$

$$10_2 \overline{)1110_2}$$

$$111_2 \overline{)100011_2}$$

$$101_2 \overline{)10010110_2}$$

$$111_2 \overline{)11000100_2}$$

$$\begin{array}{r} 1110_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10100_2 \\ \times 101_2 \\ \hline \end{array}$$

$$10_2 \overline{)111000_2}$$

$$\begin{array}{r} 11000_2 \\ \times 111_2 \\ \hline \end{array}$$

$$10_2 \overline{)11100_2}$$

$$111_2 \overline{)10001100_2}$$

$$\begin{array}{r} 1001_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111_2 \\ \times 111_2 \\ \hline \end{array}$$

$$11_2 \overline{)100100_2}$$

$$\begin{array}{r} 1010_2 \\ \times 111_2 \\ \hline \end{array}$$

$$10_2 \overline{)101110_2}$$

$$101_2 \overline{)1010000_2}$$

$$10_2 \overline{)111110_2}$$

$$\begin{array}{r} 10010_2 \\ \times 10_2 \\ \hline \end{array}$$

Multiplying and Dividing Binary Numbers (E) Answers

Calculate each product or quotient.

$$\begin{array}{r} 11011_2 \\ \times 101_2 \\ \hline 10000111_2 \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 110_2 \\ \hline 1100110_2 \end{array}$$

$$\begin{array}{r} 111_2 \\ 10_2 \overline{)1110_2} \end{array}$$

$$\begin{array}{r} 101_2 \\ 111_2 \overline{)100011_2} \end{array}$$

$$\begin{array}{r} 11110_2 \\ 101_2 \overline{)10010110_2} \end{array}$$

$$\begin{array}{r} 11100_2 \\ 111_2 \overline{)11000100_2} \end{array}$$

$$\begin{array}{r} 1110_2 \\ \times 111_2 \\ \hline 1100010_2 \end{array}$$

$$\begin{array}{r} 10100_2 \\ \times 101_2 \\ \hline 1100100_2 \end{array}$$

$$\begin{array}{r} 11100_2 \\ 10_2 \overline{)111000_2} \end{array}$$

$$\begin{array}{r} 11000_2 \\ \times 111_2 \\ \hline 10101000_2 \end{array}$$

$$\begin{array}{r} 1110_2 \\ 10_2 \overline{)11100_2} \end{array}$$

$$\begin{array}{r} 10100_2 \\ 111_2 \overline{)10001100_2} \end{array}$$

$$\begin{array}{r} 1001_2 \\ \times 11_2 \\ \hline 11011_2 \end{array}$$

$$\begin{array}{r} 1111_2 \\ \times 111_2 \\ \hline 1101001_2 \end{array}$$

$$\begin{array}{r} 1100_2 \\ 11_2 \overline{)100100_2} \end{array}$$

$$\begin{array}{r} 1010_2 \\ \times 111_2 \\ \hline 1000110_2 \end{array}$$

$$\begin{array}{r} 10111_2 \\ 10_2 \overline{)101110_2} \end{array}$$

$$\begin{array}{r} 10000_2 \\ 101_2 \overline{)1010000_2} \end{array}$$

$$\begin{array}{r} 11111_2 \\ 10_2 \overline{)111110_2} \end{array}$$

$$\begin{array}{r} 10010_2 \\ \times 10_2 \\ \hline 100100_2 \end{array}$$

Multiplying and Dividing Binary Numbers (F)

Calculate each product or quotient.

$$11_2 \overline{)111111_2}$$

$$11_2 \overline{)1010001_2}$$

$$100_2 \overline{)1110000_2}$$

$$100_2 \overline{)101100_2}$$

$$\begin{array}{r} 1101_2 \\ \times 100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10110_2 \\ \times 101_2 \\ \hline \end{array}$$

$$10_2 \overline{)101110_2}$$

$$\begin{array}{r} 101_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1110_2 \\ \times 10_2 \\ \hline \end{array}$$

$$\begin{array}{r} 100_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 110_2 \\ \hline \end{array}$$

$$11_2 \overline{)10101_2}$$

$$111_2 \overline{)111111_2}$$

$$110_2 \overline{)1110010_2}$$

$$\begin{array}{r} 1100_2 \\ \times 10_2 \\ \hline \end{array}$$

$$10_2 \overline{)10110_2}$$

$$111_2 \overline{)101010_2}$$

$$11_2 \overline{)1111_2}$$

$$\begin{array}{r} 11010_2 \\ \times 100_2 \\ \hline \end{array}$$

$$111_2 \overline{)10101000_2}$$

Multiplying and Dividing Binary Numbers (F) Answers

Calculate each product or quotient.

$$\begin{array}{r} 10101_2 \\ 11_2 \overline{)111111_2} \end{array}$$

$$\begin{array}{r} 11011_2 \\ 11_2 \overline{)1010001_2} \end{array}$$

$$\begin{array}{r} 11100_2 \\ 100_2 \overline{)1110000_2} \end{array}$$

$$\begin{array}{r} 1011_2 \\ 100_2 \overline{)101100_2} \end{array}$$

$$\begin{array}{r} 1101_2 \\ \times 100_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 10110_2 \\ \times 101_2 \\ \hline 1101110_2 \end{array}$$

$$\begin{array}{r} 10111_2 \\ 10_2 \overline{)101110_2} \end{array}$$

$$\begin{array}{r} 101_2 \\ \times 111_2 \\ \hline 100011_2 \end{array}$$

$$\begin{array}{r} 1110_2 \\ \times 10_2 \\ \hline 11100_2 \end{array}$$

$$\begin{array}{r} 100_2 \\ \times 111_2 \\ \hline 11100_2 \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 110_2 \\ \hline 1100110_2 \end{array}$$

$$\begin{array}{r} 111_2 \\ 11_2 \overline{)10101_2} \end{array}$$

$$\begin{array}{r} 1001_2 \\ 111_2 \overline{)111111_2} \end{array}$$

$$\begin{array}{r} 10011_2 \\ 110_2 \overline{)1110010_2} \end{array}$$

$$\begin{array}{r} 1100_2 \\ \times 10_2 \\ \hline 11000_2 \end{array}$$

$$\begin{array}{r} 1011_2 \\ 10_2 \overline{)10110_2} \end{array}$$

$$\begin{array}{r} 110_2 \\ 111_2 \overline{)101010_2} \end{array}$$

$$\begin{array}{r} 101_2 \\ 11_2 \overline{)1111_2} \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 100_2 \\ \hline 1101000_2 \end{array}$$

$$\begin{array}{r} 11000_2 \\ 111_2 \overline{)10101000_2} \end{array}$$

Multiplying and Dividing Binary Numbers (G)

Calculate each product or quotient.

$$\begin{array}{r} 10001_2 \\ \times 101_2 \\ \hline \end{array}$$

$$110_2 \overline{)1011010_2}$$

$$101_2 \overline{)110010_2}$$

$$10_2 \overline{)101010_2}$$

$$100_2 \overline{)1100100_2}$$

$$110_2 \overline{)10101000_2}$$

$$\begin{array}{r} 11010_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10111_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11111_2 \\ \times 101_2 \\ \hline \end{array}$$

$$10_2 \overline{)100000_2}$$

$$\begin{array}{r} 11010_2 \\ \times 110_2 \\ \hline \end{array}$$

$$111_2 \overline{)10101000_2}$$

$$101_2 \overline{)10010110_2}$$

$$101_2 \overline{)101000_2}$$

$$\begin{array}{r} 10110_2 \\ \times 110_2 \\ \hline \end{array}$$

$$11_2 \overline{)111001_2}$$

$$110_2 \overline{)10010110_2}$$

$$\begin{array}{r} 11101_2 \\ \times 10_2 \\ \hline \end{array}$$

$$101_2 \overline{)1111101_2}$$

$$101_2 \overline{)101000_2}$$

Multiplying and Dividing Binary Numbers (G) Answers

Calculate each product or quotient.

$$\begin{array}{r} 10001_2 \\ \times 101_2 \\ \hline 1010101_2 \end{array}$$

$$\begin{array}{r} 1111_2 \\ 110_2 \overline{)1011010_2} \end{array}$$

$$\begin{array}{r} 1010_2 \\ 101_2 \overline{)110010_2} \end{array}$$

$$\begin{array}{r} 10101_2 \\ 10_2 \overline{)101010_2} \end{array}$$

$$\begin{array}{r} 11001_2 \\ 100_2 \overline{)1100100_2} \end{array}$$

$$\begin{array}{r} 11100_2 \\ 110_2 \overline{)10101000_2} \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 111_2 \\ \hline 10110110_2 \end{array}$$

$$\begin{array}{r} 10111_2 \\ \times 110_2 \\ \hline 10001010_2 \end{array}$$

$$\begin{array}{r} 11111_2 \\ \times 101_2 \\ \hline 10011011_2 \end{array}$$

$$\begin{array}{r} 10000_2 \\ 10_2 \overline{)100000_2} \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 110_2 \\ \hline 10011100_2 \end{array}$$

$$\begin{array}{r} 11000_2 \\ 111_2 \overline{)10101000_2} \end{array}$$

$$\begin{array}{r} 11110_2 \\ 101_2 \overline{)10010110_2} \end{array}$$

$$\begin{array}{r} 1000_2 \\ 101_2 \overline{)101000_2} \end{array}$$

$$\begin{array}{r} 10110_2 \\ \times 110_2 \\ \hline 10000100_2 \end{array}$$

$$\begin{array}{r} 10011_2 \\ 11_2 \overline{)111001_2} \end{array}$$

$$\begin{array}{r} 11001_2 \\ 110_2 \overline{)10010110_2} \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 10_2 \\ \hline 111010_2 \end{array}$$

$$\begin{array}{r} 11001_2 \\ 101_2 \overline{)1111101_2} \end{array}$$

$$\begin{array}{r} 1000_2 \\ 101_2 \overline{)101000_2} \end{array}$$

Multiplying and Dividing Binary Numbers (H)

Calculate each product or quotient.

$$\begin{array}{r} 100_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 111_2 \\ \hline \end{array}$$

$$100_2 \overline{)1111100_2}$$

$$101_2 \overline{)10001100_2}$$

$$\begin{array}{r} 10001_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10100_2 \\ \times 11_2 \\ \hline \end{array}$$

$$101_2 \overline{)110111_2}$$

$$\begin{array}{r} 10011_2 \\ \times 100_2 \\ \hline \end{array}$$

$$111_2 \overline{)10110110_2}$$

$$100_2 \overline{)1011000_2}$$

$$\begin{array}{r} 10001_2 \\ \times 10_2 \\ \hline \end{array}$$

$$111_2 \overline{)110001_2}$$

$$\begin{array}{r} 10101_2 \\ \times 11_2 \\ \hline \end{array}$$

$$10_2 \overline{)10100_2}$$

$$\begin{array}{r} 100_2 \\ \times 10_2 \\ \hline \end{array}$$

$$11_2 \overline{)100111_2}$$

$$111_2 \overline{)1100010_2}$$

$$\begin{array}{r} 11101_2 \\ \times 100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 10_2 \\ \hline \end{array}$$

Multiplying and Dividing Binary Numbers (H) Answers

Calculate each product or quotient.

$$\begin{array}{r} 100_2 \\ \times 111_2 \\ \hline 11100_2 \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 111_2 \\ \hline 11001011_2 \end{array}$$

$$\begin{array}{r} 1111_2 \\ 100_2 \overline{)111100_2} \end{array}$$

$$\begin{array}{r} 11100_2 \\ 101_2 \overline{)10001100_2} \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 111_2 \\ \hline 1110111_2 \end{array}$$

$$\begin{array}{r} 10100_2 \\ \times 11_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 1011_2 \\ 101_2 \overline{)110111_2} \end{array}$$

$$\begin{array}{r} 10011_2 \\ \times 100_2 \\ \hline 1001100_2 \end{array}$$

$$\begin{array}{r} 11010_2 \\ 111_2 \overline{)10110110_2} \end{array}$$

$$\begin{array}{r} 10110_2 \\ 100_2 \overline{)1011000_2} \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 10_2 \\ \hline 100010_2 \end{array}$$

$$\begin{array}{r} 111_2 \\ 111_2 \overline{)110001_2} \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 11_2 \\ \hline 11111_2 \end{array}$$

$$\begin{array}{r} 1010_2 \\ 10_2 \overline{)10100_2} \end{array}$$

$$\begin{array}{r} 100_2 \\ \times 10_2 \\ \hline 1000_2 \end{array}$$

$$\begin{array}{r} 1101_2 \\ 11_2 \overline{)100111_2} \end{array}$$

$$\begin{array}{r} 1110_2 \\ 111_2 \overline{)1100010_2} \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 100_2 \\ \hline 1110100_2 \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 111_2 \\ \hline 10110110_2 \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 10_2 \\ \hline 111010_2 \end{array}$$

Multiplying and Dividing Binary Numbers (I)

Calculate each product or quotient.

$$\begin{array}{r} 1101_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11110_2 \\ \times 101_2 \\ \hline \end{array}$$

$$10_2 \overline{)1111000_2}$$

$$101_2 \overline{)1010000_2}$$

$$100_2 \overline{)1011100_2}$$

$$110_2 \overline{)10000100_2}$$

$$\begin{array}{r} 101_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1101_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10011_2 \\ \times 10_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10010_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 110_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 10_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1111_2 \\ \times 100_2 \\ \hline \end{array}$$

$$11_2 \overline{)110011_2}$$

$$10_2 \overline{)100100_2}$$

$$\begin{array}{r} 10011_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10010_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1000_2 \\ \times 111_2 \\ \hline \end{array}$$

Multiplying and Dividing Binary Numbers (I) Answers

Calculate each product or quotient.

$$\begin{array}{r} 1101_2 \\ \times 110_2 \\ \hline 1001110_2 \end{array}$$

$$\begin{array}{r} 11110_2 \\ \times 101_2 \\ \hline 10010110_2 \end{array}$$

$$\begin{array}{r} 11100_2 \\ 10_2 \overline{)111000_2} \end{array}$$

$$\begin{array}{r} 10000_2 \\ 101_2 \overline{)1010000_2} \end{array}$$

$$\begin{array}{r} 10111_2 \\ 100_2 \overline{)1011100_2} \end{array}$$

$$\begin{array}{r} 10110_2 \\ 110_2 \overline{)10000100_2} \end{array}$$

$$\begin{array}{r} 101_2 \\ \times 11_2 \\ \hline 1111_2 \end{array}$$

$$\begin{array}{r} 1101_2 \\ \times 110_2 \\ \hline 1001110_2 \end{array}$$

$$\begin{array}{r} 10011_2 \\ \times 10_2 \\ \hline 100110_2 \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 111_2 \\ \hline 10010011_2 \end{array}$$

$$\begin{array}{r} 10010_2 \\ \times 11_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 110_2 \\ \times 110_2 \\ \hline 100100_2 \end{array}$$

$$\begin{array}{r} 11101_2 \\ \times 100_2 \\ \hline 1110100_2 \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 10_2 \\ \hline 110100_2 \end{array}$$

$$\begin{array}{r} 1111_2 \\ \times 100_2 \\ \hline 111100_2 \end{array}$$

$$\begin{array}{r} 10001_2 \\ 11_2 \overline{)110011_2} \end{array}$$

$$\begin{array}{r} 10010_2 \\ 10_2 \overline{)100100_2} \end{array}$$

$$\begin{array}{r} 10011_2 \\ \times 11_2 \\ \hline 111001_2 \end{array}$$

$$\begin{array}{r} 10010_2 \\ \times 11_2 \\ \hline 110110_2 \end{array}$$

$$\begin{array}{r} 1000_2 \\ \times 111_2 \\ \hline 111000_2 \end{array}$$

Multiplying and Dividing Binary Numbers (J)

Calculate each product or quotient.

$$11_2 \overline{)1001110_2}$$

$$\begin{array}{r} 11100_2 \\ \times 101_2 \\ \hline \end{array}$$

$$11_2 \overline{)1111_2}$$

$$\begin{array}{r} 101_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11000_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11000_2 \\ \times 101_2 \\ \hline \end{array}$$

$$101_2 \overline{)1000001_2}$$

$$100_2 \overline{)111100_2}$$

$$110_2 \overline{)1001110_2}$$

$$11_2 \overline{)110000_2}$$

$$\begin{array}{r} 10000_2 \\ \times 11_2 \\ \hline \end{array}$$

$$110_2 \overline{)111100_2}$$

$$100_2 \overline{)1011100_2}$$

$$100_2 \overline{)1111100_2}$$

$$\begin{array}{r} 10100_2 \\ \times 10_2 \\ \hline \end{array}$$

$$110_2 \overline{)100100_2}$$

$$100_2 \overline{)1010100_2}$$

Multiplying and Dividing Binary Numbers (J) Answers

Calculate each product or quotient.

$$\begin{array}{r} 11010_2 \\ 11_2 \overline{)1001110_2} \end{array}$$

$$\begin{array}{r} 11100_2 \\ \times 101_2 \\ \hline 10001100_2 \end{array}$$

$$\begin{array}{r} 101_2 \\ 11_2 \overline{)1111_2} \end{array}$$

$$\begin{array}{r} 101_2 \\ \times 11_2 \\ \hline 1111_2 \end{array}$$

$$\begin{array}{r} 1100_2 \\ \times 110_2 \\ \hline 1001000_2 \end{array}$$

$$\begin{array}{r} 10001_2 \\ \times 110_2 \\ \hline 1100110_2 \end{array}$$

$$\begin{array}{r} 1010_2 \\ \times 11_2 \\ \hline 11110_2 \end{array}$$

$$\begin{array}{r} 11000_2 \\ \times 110_2 \\ \hline 10010000_2 \end{array}$$

$$\begin{array}{r} 11000_2 \\ \times 101_2 \\ \hline 1111000_2 \end{array}$$

$$\begin{array}{r} 1101_2 \\ 101_2 \overline{)1000001_2} \end{array}$$

$$\begin{array}{r} 1111_2 \\ 100_2 \overline{)111100_2} \end{array}$$

$$\begin{array}{r} 1101_2 \\ 110_2 \overline{)1001110_2} \end{array}$$

$$\begin{array}{r} 10000_2 \\ 11_2 \overline{)110000_2} \end{array}$$

$$\begin{array}{r} 10000_2 \\ \times 11_2 \\ \hline 110000_2 \end{array}$$

$$\begin{array}{r} 1010_2 \\ 110_2 \overline{)111100_2} \end{array}$$

$$\begin{array}{r} 10111_2 \\ 100_2 \overline{)1011100_2} \end{array}$$

$$\begin{array}{r} 11111_2 \\ 100_2 \overline{)1111100_2} \end{array}$$

$$\begin{array}{r} 10100_2 \\ \times 10_2 \\ \hline 101000_2 \end{array}$$

$$\begin{array}{r} 110_2 \\ 110_2 \overline{)100100_2} \end{array}$$

$$\begin{array}{r} 10101_2 \\ 100_2 \overline{)1010100_2} \end{array}$$