

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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