

Multiplying Binary Numbers (A)

Calculate each product.

$$\begin{array}{r} 10010_2 \\ \times 110_2 \\ \hline 0 \\ 100100 \\ 1001000 \\ \hline 1101100 \\ 1101_2 \\ \times 10_2 \end{array}$$

$$\begin{array}{r} 11010_2 \\ \times 110_2 \\ \hline 0 \\ 110100 \\ 1101000 \\ \hline 1001000 \\ 10010_2 \\ \times 110_2 \end{array}$$

$$\begin{array}{r} 11001_2 \\ \times 11_2 \\ \hline 11001 \\ 110010 \\ \hline 110001 \\ 11000_2 \\ \times 100_2 \end{array}$$

$$\begin{array}{r} 10111_2 \\ \times 11_2 \\ \hline 10111 \\ 101110 \\ \hline 100001 \\ 10000_2 \\ \times 10_2 \end{array}$$

$$\begin{array}{r} 10010_2 \\ \times 101_2 \\ \hline 0 \\ 10010 \\ 100100 \\ \hline 10010 \\ 10010_2 \\ \times 101_2 \end{array}$$

$$\begin{array}{r} 100100 \\ 1001000 \\ \hline 111110 \\ 11111_2 \\ \times 110_2 \end{array}$$

$$\begin{array}{r} 1100000 \\ 1100000 \\ \hline 1100000 \\ 1100000 \\ \hline 1100000 \\ 11000_2 \\ \times 101_2 \end{array}$$

$$\begin{array}{r} 10000 \\ 100000 \\ \hline 10000 \\ 10000_2 \\ \times 10_2 \end{array}$$

$$\begin{array}{r} 10010 \\ 100100 \\ \hline 11010 \\ 11010_2 \\ \times 11_2 \end{array}$$

$$\begin{array}{r} 10010_2 \\ \times 101_2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 1011_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10000_2 \\ \times 10_2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 11011_2 \\ \times 10_2 \\ \hline \end{array}$$