

SUMA

$$\begin{array}{r} \text{a)} \quad \begin{array}{ccccccc} & & 1 & & 1 & & \\ & 1 & 1 & 1 & 1 & 0 & 0 & 1 \\ + & & 1 & 0 & 1 & 1 & 0 & 1 \\ \hline 1 & 0 & 0 & 1 & 0 & 0 & 1 & 1 & 0 \end{array} \end{array}$$

$$\begin{array}{r} \text{b)} \quad \begin{array}{ccccccc} & & & & 1 & & 1 \\ & 1 & 0 & 0 & 0 & 0 & 0 & 1 & 1 \\ + & & 1 & 0 & 1 & 0 & 0 & 1 \\ \hline 1 & 0 & 1 & 0 & 1 & 1 & 0 & 0 \end{array} \end{array}$$

$$\begin{array}{r} \text{c)} \quad \begin{array}{ccccccc} & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ + & & 1 & 0 & 0 & 0 & 0 & 0 \\ \hline 1 & 1 & 0 & 0 & 0 & 0 & 0 \end{array} \end{array}$$

$$\begin{array}{r} \text{d)} \quad \begin{array}{ccccccc} & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ + & & & & & & & 1 \\ \hline 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \end{array} \end{array}$$

RESTA

$$\begin{array}{r} 11111111 \\ a) 10000000 \\ - 00000001 \\ \hline 01111111 \end{array}$$

$$\begin{array}{r} b) 10000001 \\ - 01000001 \\ \hline 01000000 \end{array}$$

$$\begin{array}{r} 10011010 \\ c) 10000001 \\ - 10000001 \\ \hline 00011001 \end{array}$$

$$\begin{array}{r} d) 11111111 \\ - 00000001 \\ \hline 11111110 \end{array}$$

Multiplicación

$$\begin{array}{r} a) 11111001 \\ \times 101 \\ \hline 11111001 \\ 00000000 \\ 11111001 \\ \hline 1001101101 \end{array}$$

$$\begin{array}{r} e) 10000000 \\ \times 100 \\ \hline 00000000 \\ 00000000 \\ 10000000 \\ \hline 1000000000 \end{array}$$

$$\begin{array}{r} b) 10000011 \\ \times 11 \\ \hline 10000011 \\ 10000011 \\ \hline 110001001 \end{array}$$

$$\begin{array}{r} d) 11111111 \\ \times 10 \\ \hline 00000000 \\ 11111111 \\ \hline 111111110 \end{array}$$

Division

$$\begin{array}{r}
 \text{a) } 11111001 \overline{) 101} \\
 \underline{1011} \\
 0101 \\
 \underline{1010} \\
 0001001 \\
 \underline{101} \\
 0100
 \end{array}$$

$$\begin{array}{r}
 \text{c) } 10000000 \overline{) 100} \\
 \underline{100} \\
 0000
 \end{array}$$

$$\begin{array}{r}
 \text{b) } 10000001 \overline{) 11010} \\
 \underline{1010} \\
 01100 \\
 \underline{1010} \\
 001011 \\
 \underline{1010} \\
 0001
 \end{array}$$

$$\begin{array}{r}
 \text{d) } 11111111 \overline{) 11} \\
 \underline{11} \\
 0011 \\
 \underline{11} \\
 011 \\
 \underline{11} \\
 011 \\
 \underline{11} \\
 01
 \end{array}$$