

Thoselin machaca condori

alividade 05

$$\begin{array}{r}
 1) \quad \begin{array}{r} \overset{1}{1} \overset{1}{1} 0 1 \\ + 1 0 1 1 \\ \hline 1 1 0 0 0 \end{array} \qquad \begin{array}{r} \overset{1}{1} \overset{1}{1} \overset{1}{1} 1 1 0 0_2 \\ + 1 1 1 0 1 1_2 \\ \hline 1 0 0 0 0 1 1 1_2 \end{array} \qquad \begin{array}{r} \overset{1}{1} \overset{1}{1} \overset{1}{1} \overset{1}{1} 1 1 0 0_2 \\ + 0 0 1 1 1 0 1 1_2 \\ \hline 1 0 0 1 0 1 1 1_2 \end{array}
 \end{array}$$

$$\begin{array}{r}
 2 - \overset{1}{1} \overset{1}{1} 0 1 6 \\
 - 6 4 1 0 \\
 \hline
 0 1 0 0
 \end{array}$$

$$\begin{array}{l}
 3 - \overset{1}{1} \overset{0}{0} \overset{0}{0} \overset{1}{1} 1 = 1 \times 2^0 = 1 \times 1 = 1 \\
 \qquad \qquad \qquad 1 \times 2 = 1 \times 2 = 2 \\
 \qquad \qquad \qquad 0 \times 2^2 = 0 \times 4 = 0 \\
 \qquad \qquad \qquad 0 \times 2^3 = 0 \times 8 = 0 \\
 \qquad \qquad \qquad 1 \times 2^4 = 1 \times 16 = 16 \\
 \qquad \qquad \qquad 16 + 0 + 0 + 2 + 1 = 19 \\
 \qquad \qquad \qquad (10011)_2 = (19)_{10}
 \end{array}$$

$$\begin{array}{r}
 4) \quad \begin{array}{r} \overset{1}{1} \overset{1}{1} \\ 1 1 1 0_2 \\ + 0 1 1 1_2 \\ \hline 1 0 1 0 1_2 \end{array}
 \end{array}$$

$$\begin{array}{r}
 5) \quad \begin{array}{r} \overset{1}{1} \overset{1}{1} \\ \cancel{1} \cancel{0} 0 1 \\ - 6 4 1 1 \\ \hline 0 0 1 0 \end{array}
 \end{array}$$