

75505

5550

Codigo: 75505, V/4mos 4: 5505

$$N1 = 5, N2 = 5, N3 = 5, N4 = 0$$

$$S1 = 5 + 5 = 10 = 1010$$

$$S2 = 5 + 0 = 5 = 0101$$

$$S3 = 5 + 0 = 5 = 0101$$

$$S4 = 5 + 5 = 10 = 1010$$

$$a) S1 + S2 =$$

$$\begin{array}{r} 1010 \\ + 0101 \\ \hline 1111 \end{array} = 15$$

$$S1 - S2 =$$

$$\begin{array}{r} 1010 \\ - 0101 \\ \hline 0101 \end{array} = 5$$

$$S3 + S4 =$$

$$\begin{array}{r} 0101 \\ + 1010 \\ \hline 1111 \end{array} = 15$$

$$S3 - S4 =$$

$$\begin{array}{r} 1010 \\ - 0101 \\ \hline 0101 \end{array} =$$

b) con complemento A2, Para la resta
 $S3-S4$, la cual es la única que da negativa

$S3-S4 = 5 \therefore$ Complemento A2 de 5 :

$$\begin{array}{r} 0101 = \\ + 1010 \rightarrow \text{Invertido y suma 1} \\ + 0001 \\ \hline 1011 \end{array}$$