



✓  $in^+_a = 4 \text{ bit}$

✓  $in^+_b = 4 \text{ bit}$

$$\begin{array}{r} \checkmark \quad 1111 \\ in_s \quad 0000 \\ 2's \quad +1 \\ \hline = 0001 \end{array}$$

$$= -1 \rightarrow \begin{array}{r} 0111 \\ \hline 1111 \end{array} = -16$$

✓  $1000$

$$\begin{array}{r} \checkmark \quad 1111 \\ 1's \rightarrow 0111 \\ +1 \\ \hline \checkmark \quad 1000 \end{array}$$

①000	①001	①111
<p>→ <del>1000</del> x</p> <p>1's → <math>\begin{array}{r} 111 \\ 0111 \\ +1 \end{array}</math></p> <p>2's → <math>\begin{array}{r} 111 \\ 1000 \\ 1001 \\ 1010 \end{array}</math></p> <p><math>\frac{-8}{-8}</math></p> <p>-7 --- (-0)</p> <p>111 -7</p>	<p>1's → <math>\begin{array}{r} 0110 \\ +1 \\ \hline 0111 \end{array}</math></p> <p>2's</p> <p>-7</p> <p>-0</p>	<p>1's 0000 + 1 <hr/>0001</p> <p>-1</p>