$A, B \rightarrow 2_n$ bits $\qquad A = A'A'' \qquad A', A''$ n bits

Estudiemos el caso con 2 bits $\qquad A = a_1 a_0$ , $B = b_1 b_0$

$A > B \longrightarrow a_1 > b_1$ OR $(a_1 = b_1$ AND $a_0 > b_0)$

$A = B \longrightarrow a_1 = b_1$ AND $a_0 = b_0$

$A < B \longrightarrow a_1 < b_1$ OR $(a_1 = b_1$ AND $a_0 < b_0)$

y esto es extrapolable a n bits