



$$\begin{aligned}
 Y &= G_4 + G_3 + A = \\
 &= (G_2 \cdot G_3) + (\overline{B} + C) + A = \\
 &= (\overline{A \cdot B} \cdot (\overline{B} + C)) + (\overline{B} + C) + A
 \end{aligned}$$

$A \rightarrow G_2 \rightarrow G_4 \rightarrow G_5$
 $(3ns) + (3ns) + (3ns) = 9ns$

$A \rightarrow G_5$ $T = 3ns$

$B \rightarrow G_2 \rightarrow G_4 \rightarrow G_5$ $T = 9ns$

$B \rightarrow G_1 \rightarrow G_3 \rightarrow G_4 \rightarrow G_5$ $T = 12ns$

$B \rightarrow G_1 \rightarrow G_3 \rightarrow G_5$ $T = 9ns$

$C \rightarrow G_3 \rightarrow G_4 \rightarrow G_5$ $T = 9ns$

$C \rightarrow G_3 \rightarrow G_5$ $T = 6ns$

NO: $T = n^{\circ} \text{ parte} \times 3ns$ **NO**