$\circlearrowleft + \Sigma M_{\text{AT PT B}} = 0$

$-300\,\#' - F_3 \times 6' = 0$

$F_3 = -50\,\#$

or $50\,\# \leftarrow$

— OR —

$\circlearrowright + \Sigma M_{\text{AT PT B}} = 0$

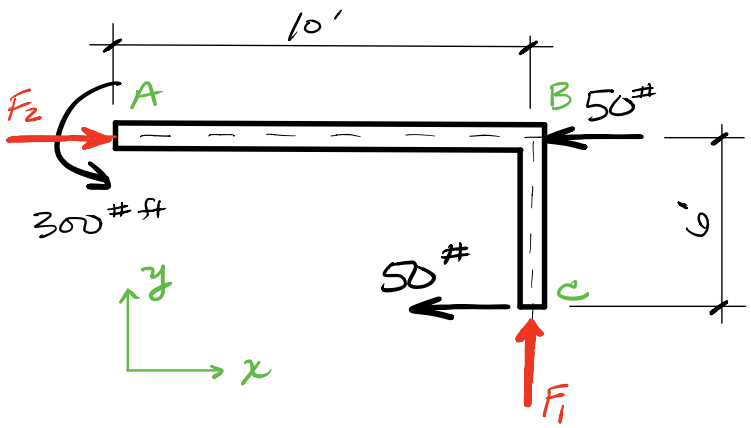
$+300\,\#' + F_3 \times 6' = 0$

$F_3 = -50\,\#$

or $50\,\# \leftarrow$

— SAME ANSWER —

NOW THE FBD LOOKS LIKE



$\circlearrowleft + \Sigma M_{\text{AT PT C}} = 0$

$-300\,\#' - 50\,\# \cdot 6' + F_2 \cdot 6' = 0$

$F_2 = +100\,\#$ or

$100\,\# \rightarrow$

— OR —

$\circlearrowright + \Sigma M_{\text{AT PT C}} = 0$

$+300\,\#' + 50\,\# \cdot 6' - F_2 \cdot 6' = 0$

$F_2 = +100\,\#$ or

$100\,\# \rightarrow$