

EQUATION

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

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

$$\Sigma F_y = 0$$

UNKNOWN

F_3

F_2

F_1

INEFFICIENT STARTING OPTIONS

$$\Sigma F_x = 0$$

$F_2 \text{ \& } F_3$

$$\Sigma M_{\text{AT PT A}} = 0$$

$F_1 \text{ \& } F_3$

$$\Sigma M_{\substack{2 \text{ FT ABOVE} \\ \text{PT B}}} = 0$$

$F_2 \text{ \& } F_3$

$$\Sigma F_{\substack{45^\circ \\ \nearrow}} = 0$$

$F_1, F_2 \text{ \& } F_3$

$$\Sigma M_{\substack{3 \text{ feet BELOW} \\ \text{PT A}}} = 0$$

$F_1, F_2 \text{ \& } F_3$