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$$\underline{n} = \frac{13i - 15j}{\sqrt{13^2 + 15^2}} \rightarrow \underline{n} = 0.655i - 0.756j$$

· SCALAR COMPONENTS:

$$\begin{cases} F_x = F_{n_x} = 6(0.655) \longrightarrow F_x = 3.93 \text{ kN} \\ F_y = F_{n_y} = 6(-0.756) \longrightarrow F_y = -4.53 \text{ kN} \end{cases}$$

