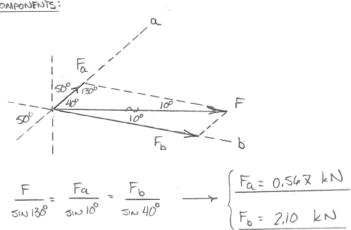
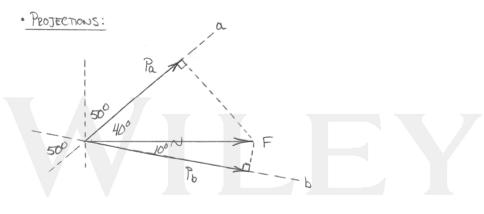
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$$\begin{cases} P_a = F\cos 40^\circ = 2.5\cos 40^\circ \longrightarrow P_a = 1.915 \text{ kN} \\ P_b = F\cos 10^\circ = 2.5\cos 10^\circ \longrightarrow P_b = 2.46 \text{ kN} \end{cases}$$