



$$\underline{F} = -3.2 \cos 30^\circ \underline{i} - 3.2 \sin 30^\circ \underline{j} \longrightarrow \underline{F} = -2.77 \underline{i} - 1.6 \underline{j} \text{ kN}$$

$$\begin{cases} \underline{M}_O = 3.2 \cos 30^\circ (7.5) \underline{k} \longrightarrow \underline{M}_O = 20.8 \underline{k} \text{ kN}\cdot\text{m} \\ \underline{M}_B = [3.2 \cos 30^\circ (7.5 - 2) + 3.2 \sin 30^\circ (6)] \underline{k} \longrightarrow \underline{M}_B = 24.8 \underline{k} \text{ kN}\cdot\text{m} \end{cases}$$