\[ \Sigma M_A = 0; \quad -2D \cos(53.13\degree) + 0.3(6) - 3.0(6) - 3.3(6) = 0 \]
\[ \Rightarrow -2D \cos(53.13\degree) + 0.3(6) - 3.0(6) - 3.3(6) = 0 \]
For clarity \[ D = -30 \text{ KN} \]

\[ \Sigma F_y = 0; \quad A_y - D \sin(53.13\degree) - 6 - 6 = 0 \]
\[ D = -30 \]
\[ \Rightarrow A_y - (-30) \sin(53.13\degree) - 12 = 0 \]
\[ A_y = 36 \text{ KN} \]

\[ \Sigma F_x = 0; \quad A_x - 6 + D \cos(53.13\degree) = 0 \]
\[ D = -30 \]
\[ \Rightarrow A_x - 6 + (-30) \cos(53.13\degree) = 0 \]
\[ A_x = 24 \text{ KN} \]
Two force member has forces equal and opposite
So \( B = -A \)

\[ B_y = -A \sin 36.87 = 920 \text{ N} \]
\[ B_x = -A \cos 36.87 = 1.23 \text{ KN} \]