



$$\begin{aligned}
 0 + 2M_B(1.2 + 2.4) &= -\frac{10 \times 1.2^3}{4} - \frac{10 \times 2.4^3}{4} \\
 &= -4.32 - 34.56 \\
 &= -38.9 \\
 \therefore M_B &= -5.4 \text{ kNm}
 \end{aligned}$$

