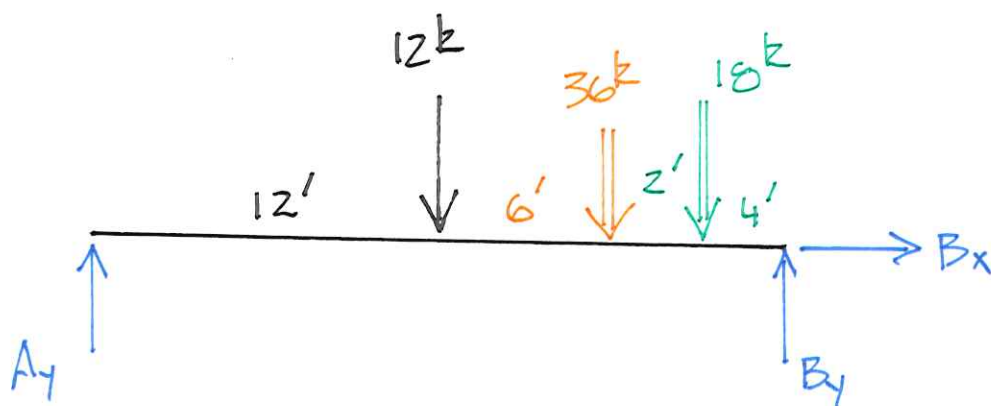
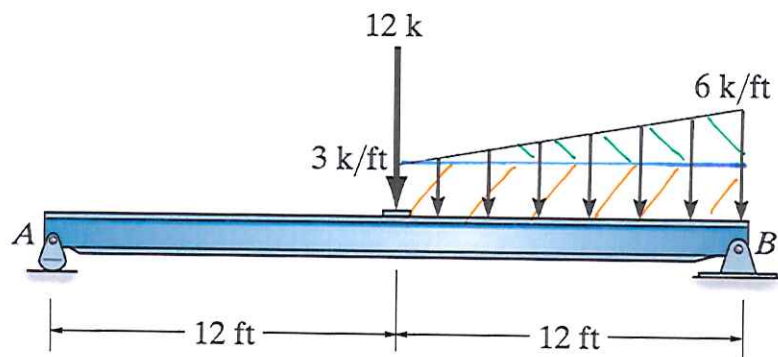


Example 2-18: Find the reactions



$$\begin{aligned} \curvearrowright \sum M_B = 0 &= 18^k(4') + 36^k(6') \\ &+ 12^k(12') - A_y(24') \end{aligned}$$

$$\underline{\underline{A_y = 18^k}}$$

$$\uparrow \sum F_y = 0 = A_y + B_y - 12^k - 36^k - 18^k$$

$$\underline{\underline{B_y = 48^k}}$$

$$\rightarrow \sum F_x = 0 = B_x$$