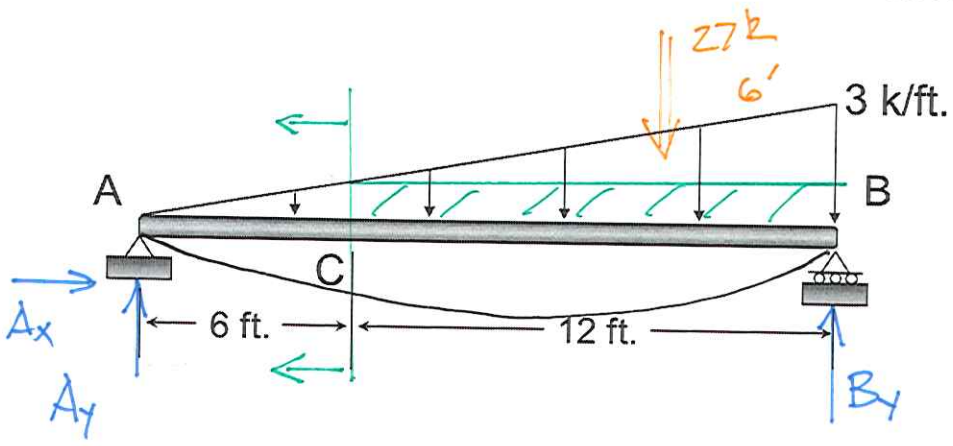
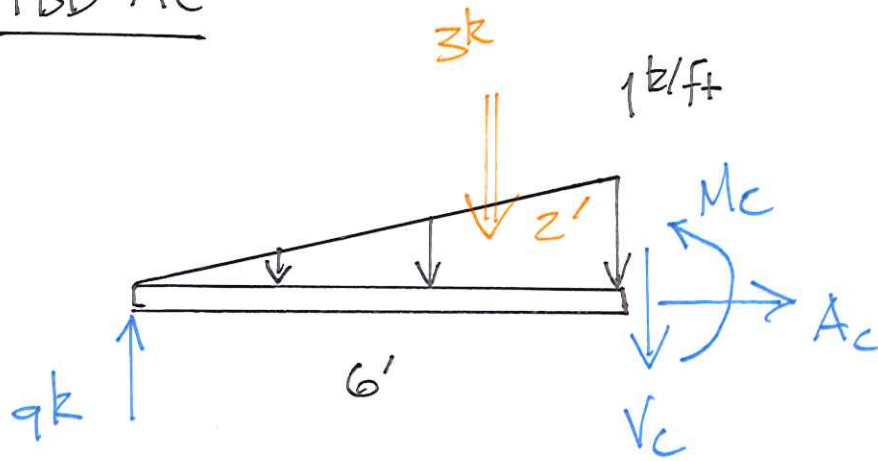


Example 4a-3 - Determine the internal shear and moment in at a section passing through point C.



$$\sum M_B = 0 = 27k(6') - A_y(18') \quad \underline{\underline{A_y = 9k}}$$

FBD AC



$$\sum M_{cut} = 0 = M_c + 3k(z') - 9k(6')$$

$$\underline{\underline{M_c = 48kft}}$$

$$\sum F_y = 0 = -V_c - 3k + 9k$$

$$\underline{\underline{V_c = 6k}}$$