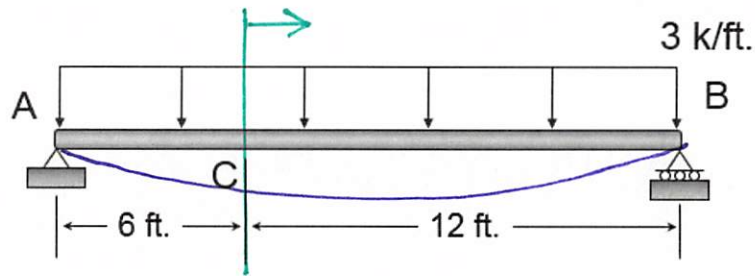
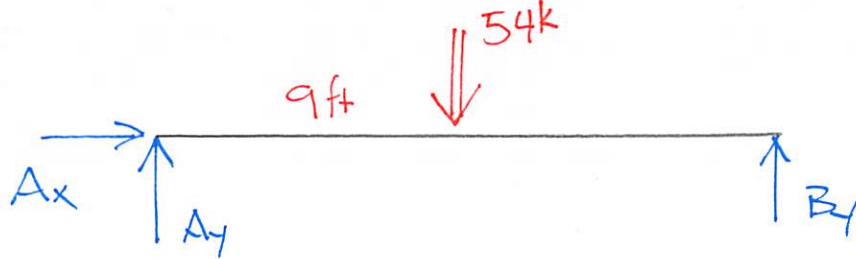


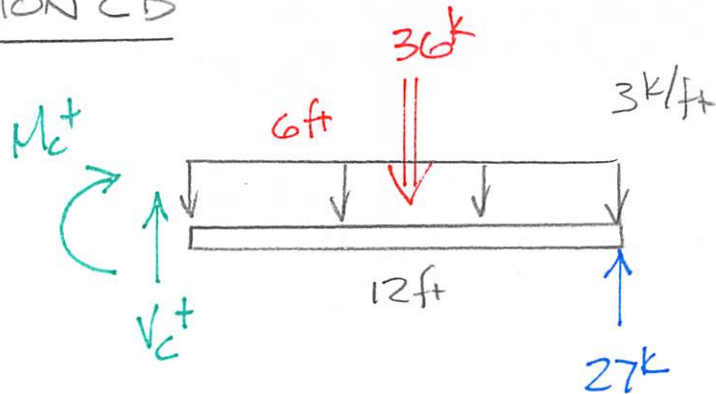
Example 4a-2 - Determine the internal shear and moment at a section passing through point C.



$$\sum M_A = 0 = -54k(9ft) + B_y(18ft) \quad \underline{B_y = 27k}$$



SECTION CB



$$\sum M_{cut} = 0 = -M_c - 36k(6ft) + 27k(12ft)$$

$$\underline{M_c = 108kft}$$

$$+\uparrow \sum F_y = 0 = V_c - 36k + 27k$$

$$\underline{V_c = 9k}$$