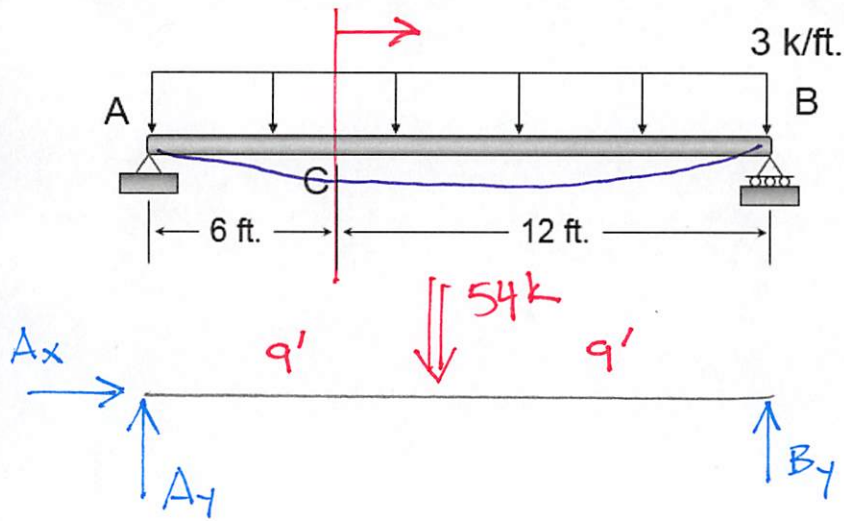


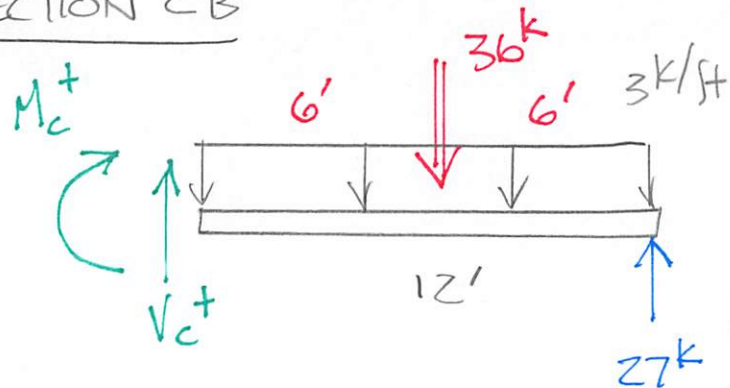
Example 4a-2 - Determine the internal shear and moment at a section passing through point C.



$$\sum M_A = 0 = -54^k(9') + B_y(18')$$

$$\underline{B_y = 27^k}$$

SECTION CB



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

$$\underline{M_c = 108 \text{ k ft}}$$

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

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