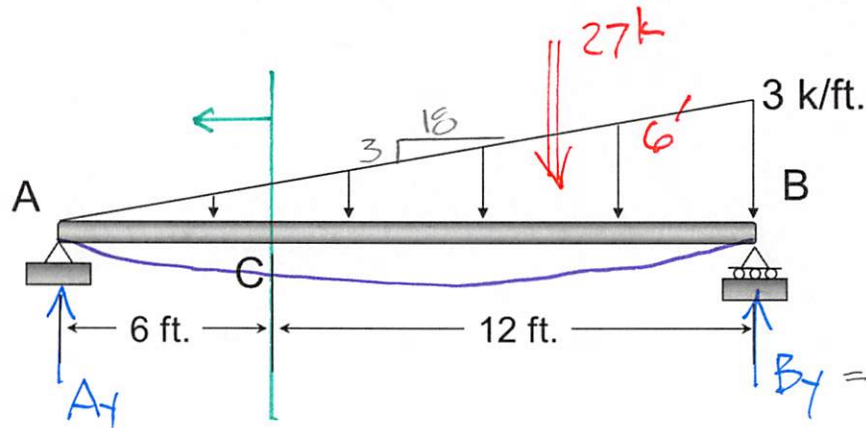


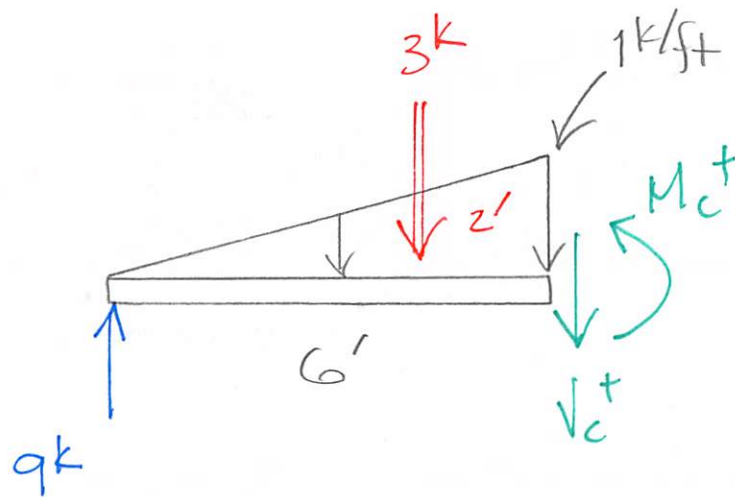
Example 4a-3 - Determine the internal shear and moment at a section passing through point C.



$$\sum M_B = 0 = 27k(6') - A_y(18')$$

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

$$\underline{B_y = 18k}$$



$$\sum M_{cut} = 0 = M_c + 3k(2') - 9k(6')$$

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

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

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

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