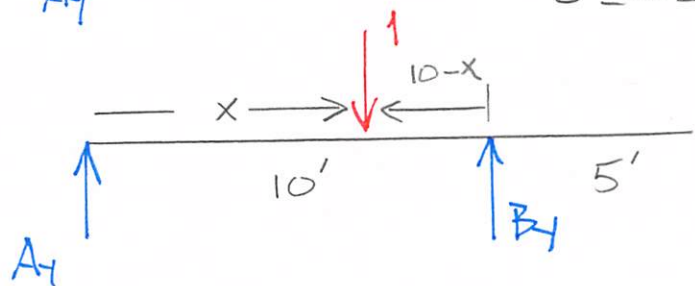
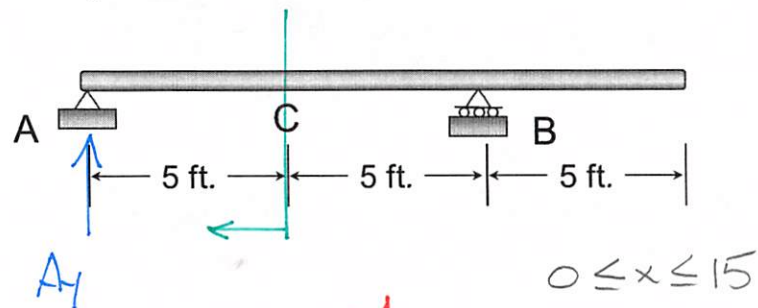
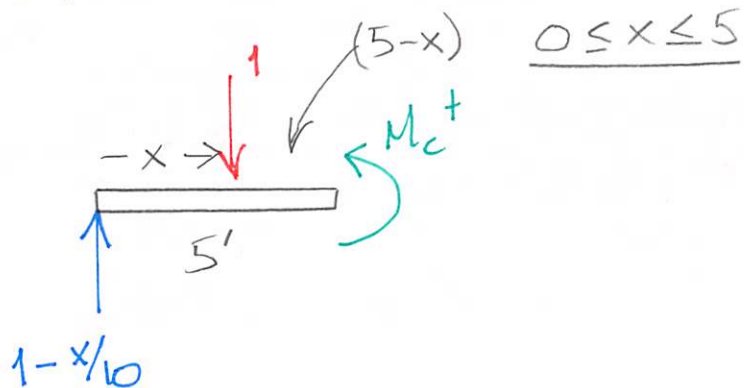


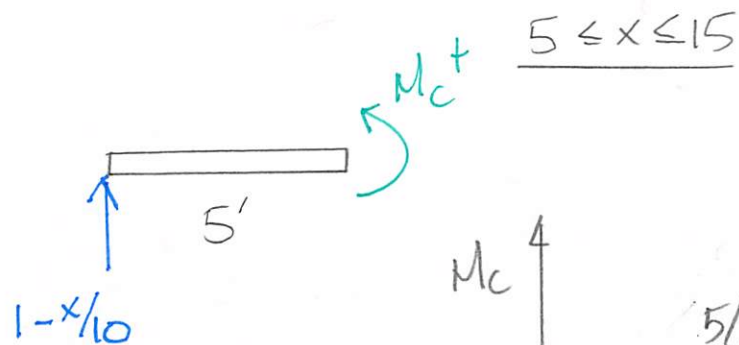
Example 6a-3: Construct the ***influence line*** for the moment at C



$$\sum M_B = 0 = 1(10-x) - A_y(10') \quad \underline{A_y = 1 - \frac{x}{10}}$$



$$\sum M_{cut} = 0 = M_c + 1(5-x) - (1 - \frac{x}{10})5' \quad \underline{M_c = \frac{x}{2}} \quad 0 \leq x \leq 5$$



$$\sum M_{cut} = 0 = M_c - (1 - \frac{x}{10})5' \quad \underline{M_c = 5 - \frac{x}{2}} \quad 5 \leq x \leq 15$$

