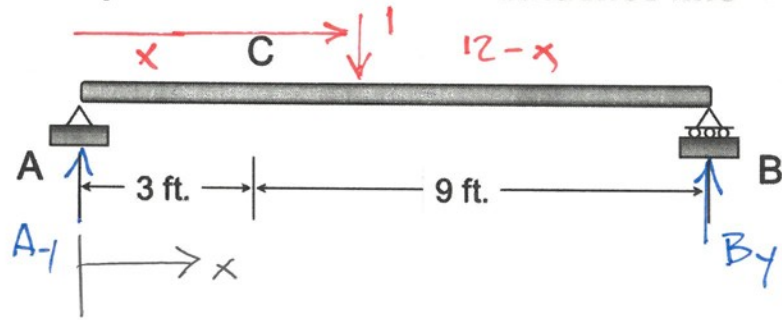


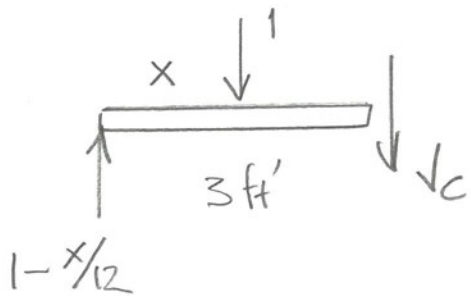
Example 6a-2: Construct the ***influence line*** for the shear at C



$$\sum M_B = 0 = 1(12-x) - A_y(12')$$

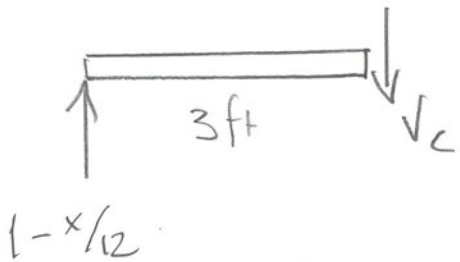
$$A_y = \frac{12-x}{12}$$

$$0 \leq x \leq 3$$



$$+\uparrow \sum F_y = 0 = -V_c - 1 + (1 - x/12) \quad \underline{V_c = -x/12} \quad 0 \leq x \leq 3$$

$$3 \leq x \leq 12$$



$$+\uparrow \sum F_y = 0 = -V_c + (1 - x/12) \quad \underline{V_c = 1 - x/12} \quad 3 \leq x \leq 12$$

