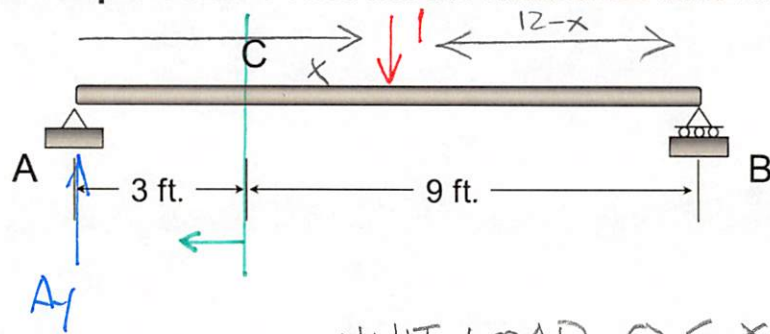


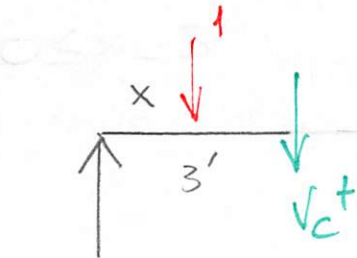
Example 6a-2: Construct the ***influence line*** for the shear at C



$$\sum M_B = 0 = 1(12-x) - A_1(12')$$

$$A_1 = \frac{12-x}{12}$$

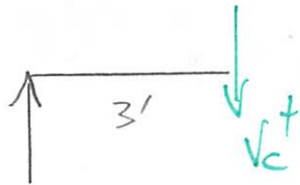
UNIT LOAD $0 \leq x \leq 3'$



$$+\uparrow \sum F_y = 0 = \frac{12-x}{12} - 1 - V_c$$

$$V_c = 1 - \frac{x}{12} - 1 = -\frac{x}{12}$$

UNIT LOAD $3 \leq x \leq 12'$



$$+\uparrow \sum F_y = 0 = \frac{12-x}{12} - V_c$$

$$V_c = 1 - \frac{x}{12}$$

