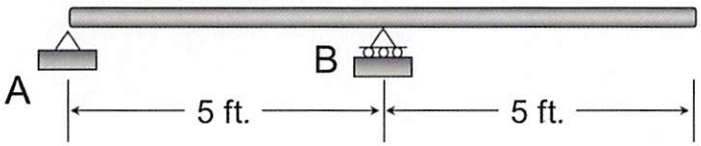
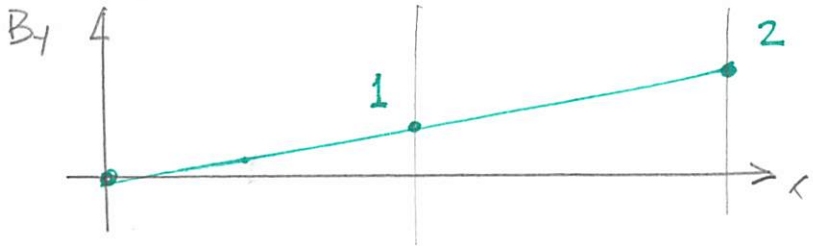
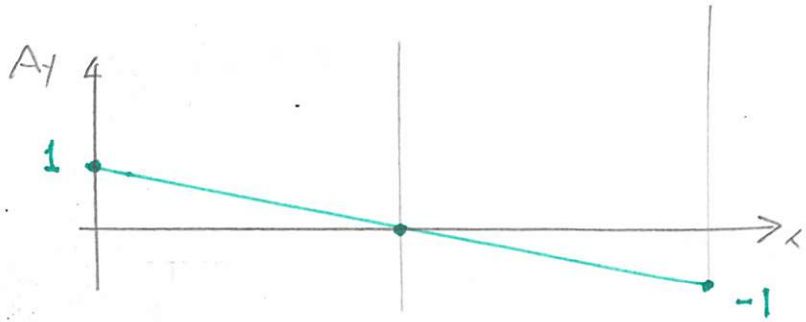
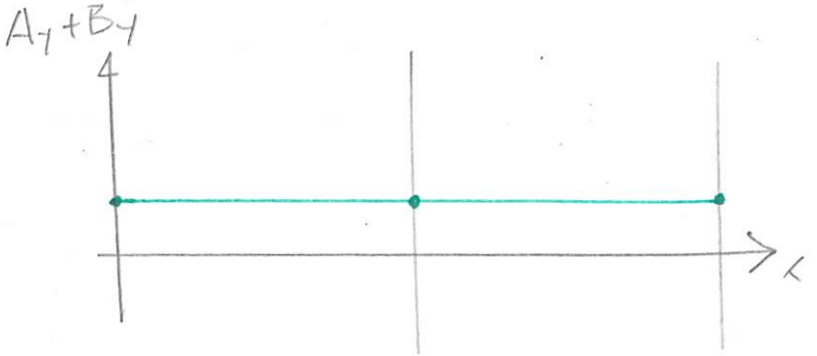
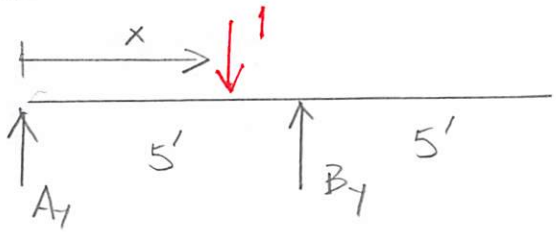
Example 6a-1: Construct the ***influence line*** for the reaction at B.











$$\circlearrowleft + \Sigma M_A = 0 = -1x + B_y(5ft)$$

$$B_y = \frac{x}{5}$$

$$+\uparrow \Sigma F_y = 0 = A_y + B_y - 1$$

$$A_y = 1 - \frac{x}{5}$$