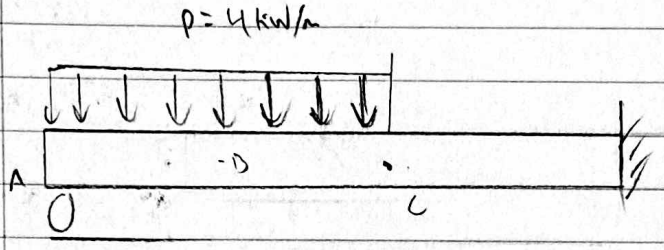
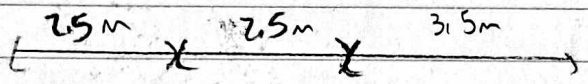
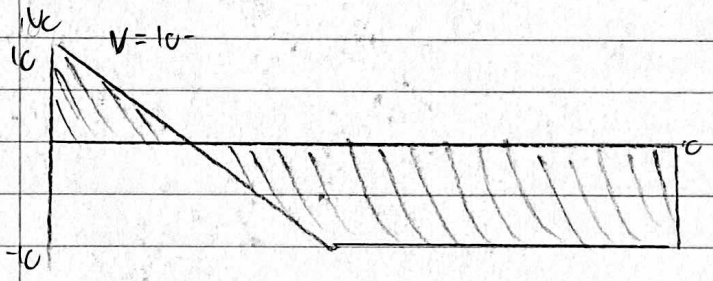
Solutions: 21-S-702 MK-05



$\Sigma M_A = -(4)(2.5+2.5)(2.5) - A_y(5)$

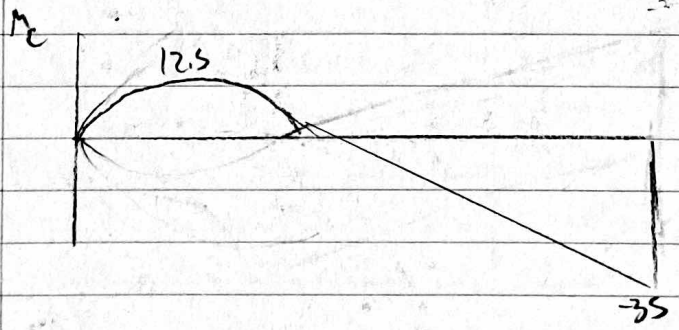
$A_y = 10\ kN$





$V_{AC} = 10\ kN - (4 \times 5) = -10\ kN$

V



$\int 4x\,dx \rightarrow 2x^2$

$M_{AB} = 0 + (2(2.5m)^2 = N_m\ 12.5$

$M_{BC} = 12.5 - 2(2.5)^2 = 0$

$M_{CD} = -10 \times 3.5 = -35\ kNm$

FIVE STAR.