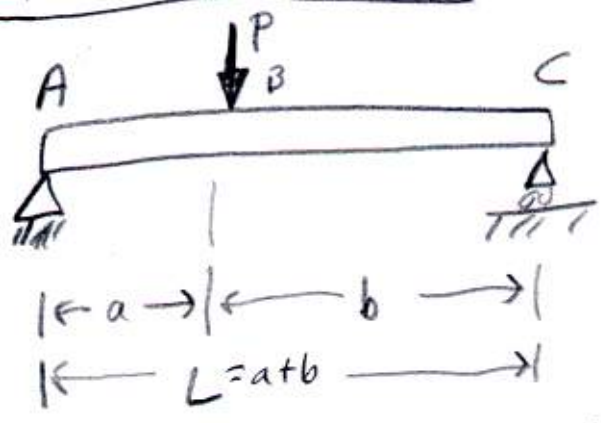
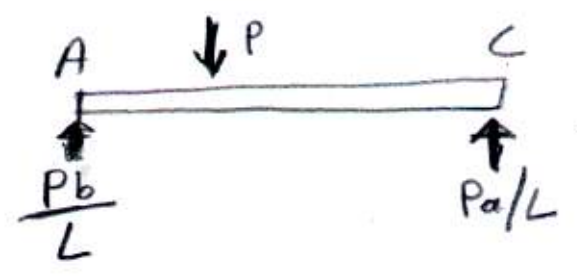


BJ 12,29 \equiv BJ 12,1a



FBD whole Beam



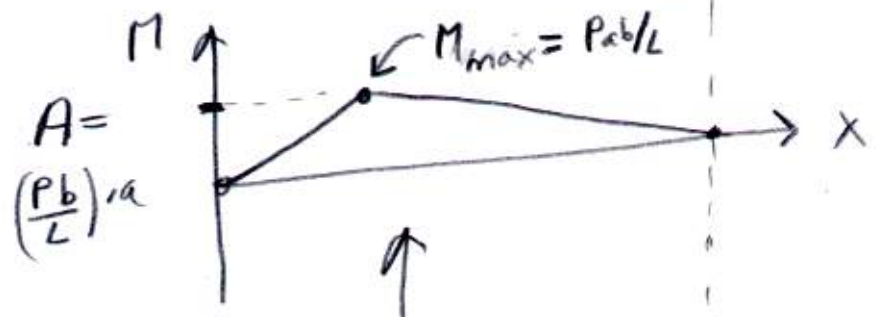
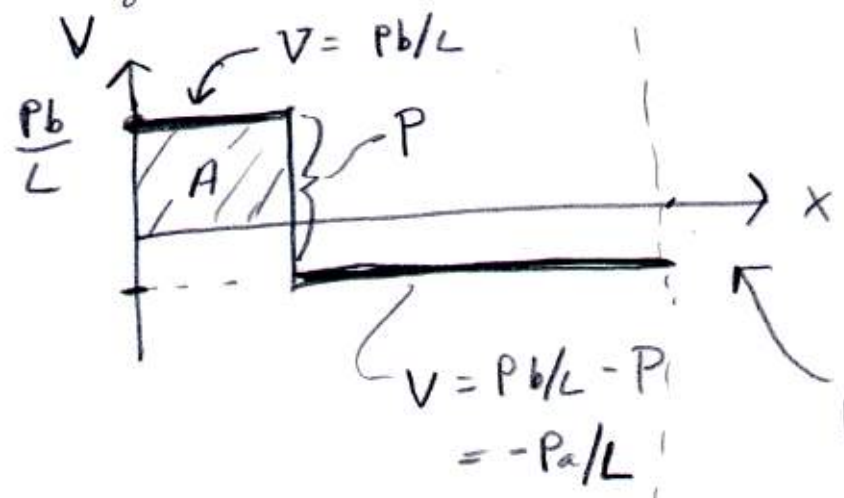
Concentrated load P

$$\Rightarrow w(x) = P \delta(x-a)$$

\uparrow Dirac delta function

$$\Rightarrow V(x) = V_0 + \int -w(x)$$

Plot $\Rightarrow V(x) = V_0 - PH(x-a)$
 \uparrow Heaviside fn.



$$\Rightarrow M(x) = M_0 + V_0 \cdot x - P \langle x-a \rangle$$

\uparrow Singularity fn. 1

Plot