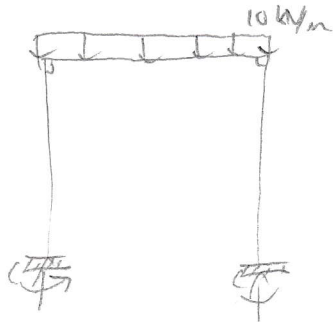


# BMD for frame based approx. analysis



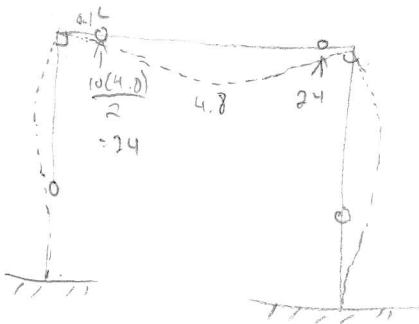
①

$$\frac{wL^2}{24}$$

$$\frac{wL^2}{8}$$

Neither, since partial rotation on top

②



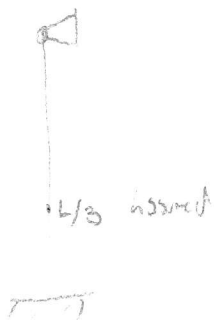
3° assumed

IP somewhere between 0-0.21L. 0.1 L guess

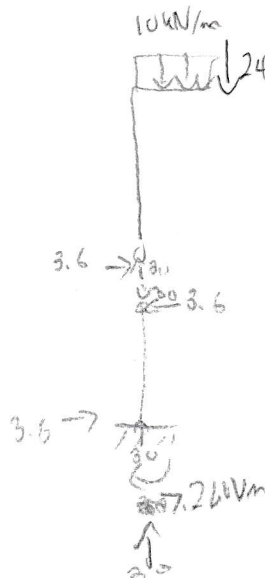
③ Determine shear @ IP,

$$\frac{10(4.8)}{2} = 24$$

④



⑤



⑥

