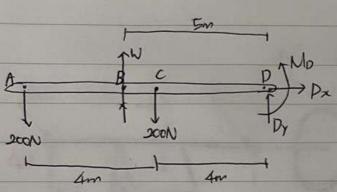


(a) W= 500N, Dollan The

(b) W=4501, DONHO HES.



(a) W= 500N

+ IFx=0: Dx=0

+1 I Fy=0: by-200N-200N+500N=0

Dy = - 100N

+) IMD =0 : MD - (500N)(5m) + (200N)(8m) + (200N)(4m)=0

Mo = 100N·m

(b) W=450N

1) Fx=0 : Dx=0

+1 I Fy =0 : by +450N -200N -200N=0

Dy=-50N

+ 12Mp=0: Mp-(450N)(5m) + (200N)(8m) + (200N)(4m)=0

Mo = -150N.M