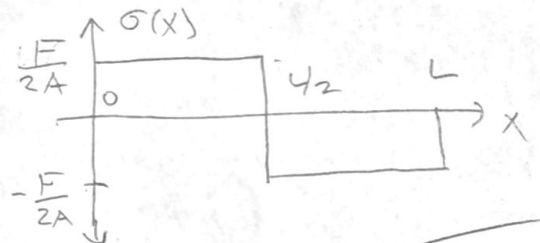
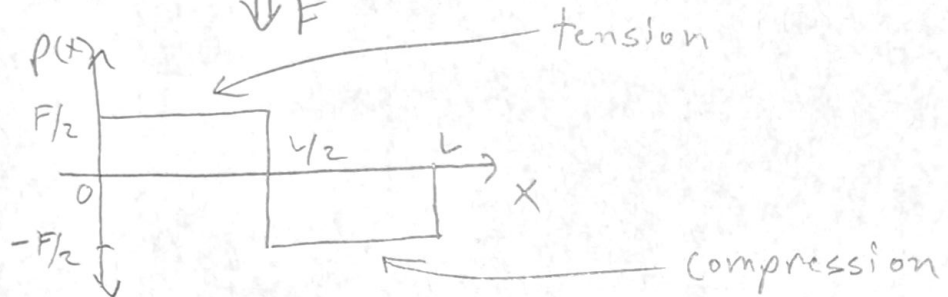
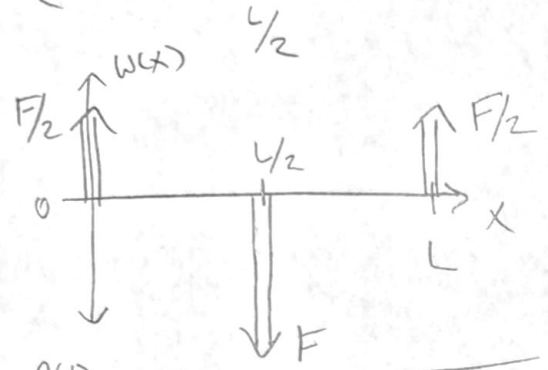
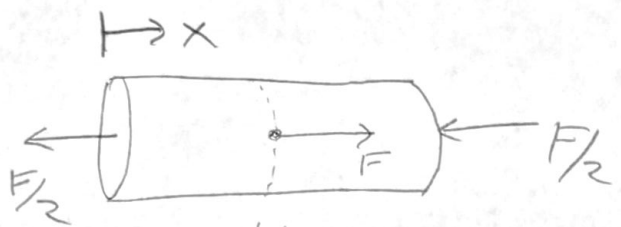
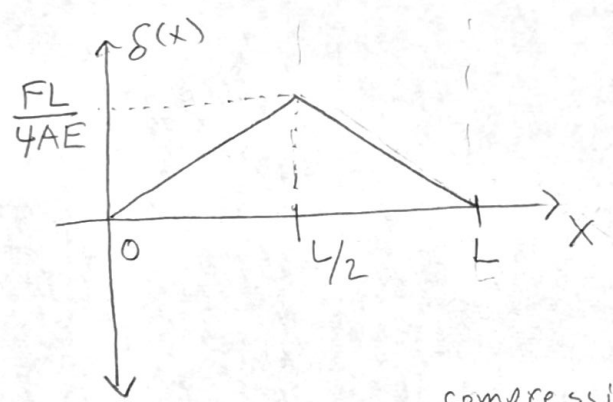
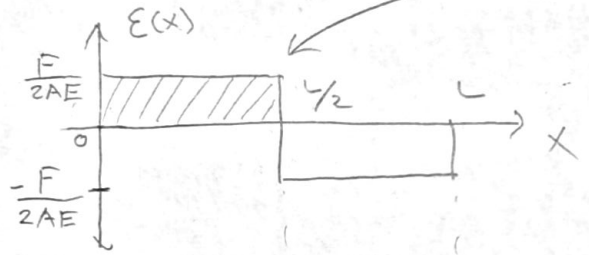


9/13/2022  
 prof. Charles Kemp  
 BME 3410



area =  $\frac{L}{2} \cdot \frac{F}{2AE} = \frac{FL}{4AE}$



$\delta(x=0) = 0$

$\delta(x=L) = 0$

$\delta(x=L/2) = \frac{FL}{4AE}$

What does this mean?

$L + \delta(x=L) = L$

$\frac{3}{4}L + \delta(x=3/4L)$

$\frac{L}{2} + \delta(x=L/2) = \frac{L}{2} + \frac{FL}{4AE}$

$\frac{L}{4} + \delta(x=L/4)$

$0 + \delta(x=0) \neq 0$

