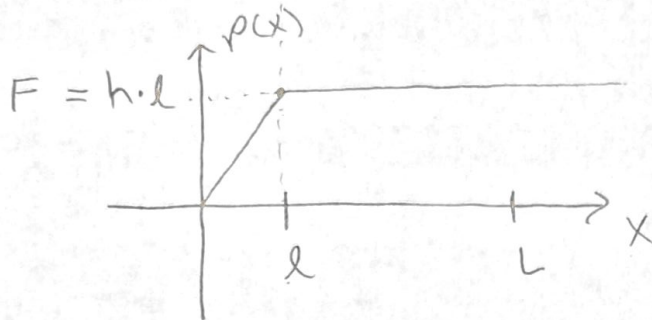
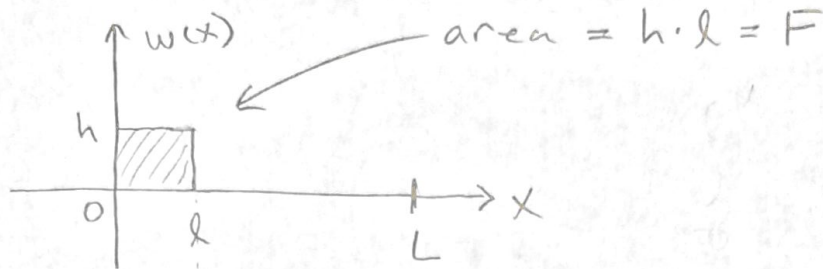
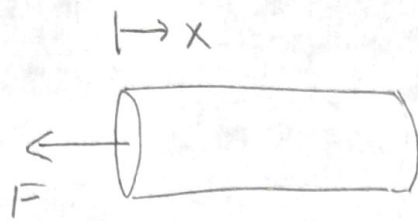
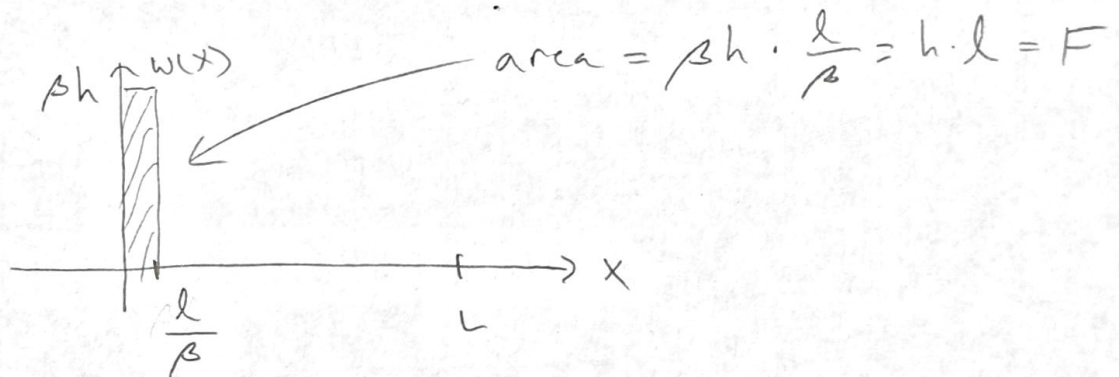
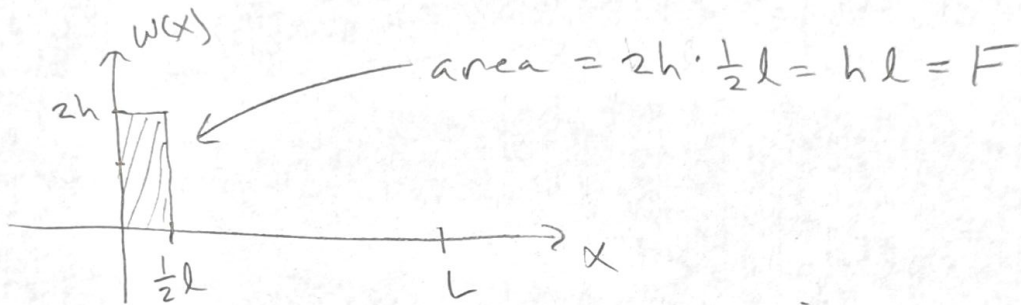


9/14/2022
 Prof. Charles Kemp
 BME 3410



$$p(x) = \int_0^x w(\alpha) d\alpha$$

$$p(x=l) = h \cdot l = F$$



No matter how big β is, the area is F .

Larger values for β more closely approximate a concentrated load at $x=0$.

A Dirac delta function represents the ideal as $\beta \rightarrow \infty$, which is easier to work with.